Evaluation boards for Automotive, Industrial and Multimarket Applications 2010
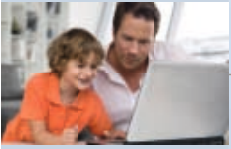
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Contents

Design-in made easy with
our evaluation boards

WITH OUR BROAD RANGE of products and solutions, we have the perfect fit for just
about any automotive, consumer, communication or industrial application. Because we
are determined to deliver best-in-class technical support for our customers, we comple-
ment our product offering with a wide selection of supporting hardware, software and
evaluation boards.

THESE EVALUATION BOARDS ARE an invaluable design tool. They showcase the most
cost-effective and innovative solution for your particular design challenge at a glance.
In addition, they simplify and speed up design-in thanks to pre-configured hardware.
Similar to bills of material, application-oriented overviews of possible product combina-
tions further enhance the design process.

THIS BROCHURE GIVES YOU a complete overview of our evaluation board offering,
showing you how these boards benefit your design effort in a number of ways.

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Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see "Microcontroller" category.	
Wireless control kits	Transmitter, transceiver and receiver	For transmitter, transceiver and receiver evaluation boards, please see "Communication" category.	
HITFET™ protected low-side power switch	BTS 3256D Low-side switch	Protected low-side power switch (10 mΩ at 25 °C). This board enables easy startup and connectivity for the new power HITFET™ BTS 3256D. Enables easy read out of digital status via LED, and easy slew rate change via variable resistor on board.	Demoboard BTS3256D
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7231G Multi-channel switch	SPI Driver for Enhanced Relay Control (SPIDER). This board is designed to interface with the universal body control module system evaluation tool.	Demoboard TLE7231G
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7234EM TLE 7234SE TLE 7237SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7234SE and TLE 7237SL.	Demoboard TLE7234/7237
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7235EM TLE 7235SE TLE 7238SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7235SE and TLE 7238SL.	Demoboard TLE7235/7238
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7236EM TLE 7236SE TLE 7239SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7236SE and TLE 7239SL.	Demoboard TLE7236/7239
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7240SL TLE 7243SL TLE 7244SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7240SL, TLE 7243SL and TLE 7244SL.	Demoboard TLE724XSL
HIC-PROFET™	BTS 500x0-1EGA High-side switch	For a quick start to lab evaluation, this demoboard drives loads such as heating, glow plugs or lamps in 12 V DC applications. It uses two devices from the BTS 500x0-1EGA product family, which can be used in parallel and also to drive two independent loads. The board can be used on a stand-alone basis, but also in combination with power easy kit for quick start of software evaluation.	Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA
PROFET™ demo kit	BTS 5241L BTS 5234G BTS 5230GS BTS 6143D	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. These are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard PROFET™ V2.0
PROFET™ demo kit		This board is part of the PROFET™ demo kit.	
PROFET™ demo kit	High-side switch	This board is part of the PROFET™ demo kit.	

Board Name	Products	Description	Order No.
SPOC (SPI Power controller for advanced light control)	BTS 5590GX	The universal body control module is intended to be used as a system evaluation board for several automotive power devices. It consists of a control unit and a power unit. The control unit is intended to control the power unit as well as to receive commands from a user interface. The power unit contains two BTS 5590GX for system evaluation purposes.	Demoboard BTS 5590GX
BTS 5590GX demoboard	Multi-channel switch	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.	
SPOC II - power easy kit	BTS 5662E BTS 5672E BTS 5682E Multi-channel switch	The SPOC II power easy kit is intended to be used as a system evaluation board for several automotive power devices like BTS 5662E, BTS 5672E and BTS 5682E. It consists of a control unit and power unit. The control unit is intended to control the power unit as well as receive commands from a user interface.	Demoboard BTS5672E BTS5682E
Basic buck converter	TLE 8366 DC/DC converter	This application board enables you to test the performance of the TLE 8366 basic buck converter. It is equipped with a TLE 8366EV for variable output voltages (preadjusted to 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A output current, low quiescent current.	Demoboard TLE6389-2GV
LED driver demoboard	TLE 4309 TLE 4242G LED driver	This board is designed to demonstrate the performance of our linear LED driver TLE 4242G and TLE 4309G with Osram high brightness LEDs. It is possible to choose between the two drivers. A potentiometer allows the adjustment of the PWM duty-cycle for dimming the LEDs.	Demoboard TLE4242G LED driver/TLE4309
Embedded power / smart relay driver IC	TLE 7810 TLE 7824 TLE 7826 Embedded power	The kit contains two boards, a TLE 7826G evaluation board together with a PCLIN programming and LIN interface card, documentation, software and tools. This enables you from simply playing with the device (without any software development) to developing your own software application (2 kB limited Keil IDE).	Demoboard TLE7826
CAN-LIN transceivers	TLE 6250G TLE 6251G TLE 6251DS TLE 8250 Transceiver	Basic control unit to generate CAN-, LIN- and FlexRay datastreams. Plug & play, ready to use system to build up complete CAN-, LIN-, and FlexRay networks. Additional software examples are provided to allow timing measurements and to verify signal integrity.	CAN-LIN Universal Demoboard
Powertrain system IC	TLE 8712EE Multi-channel switch	A smart 12-channel low-side switch with LVDS-based micro second channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered seperately).	Demoboard TLE8712EE
Door module power IC	TLE 8201R Multi-half bridges	This evaluation kit is intended to provide first-hand experience of the door module power IC TLE 8201R which contains all the functions to drive power outputs within a door module, i.e. main lock, safe lock, mirror adjustment, mirror fold, mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software provided.	Demoboard TLE8201R

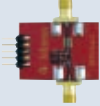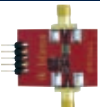| Board Name	Products	Description	Order No.
Door module power IC	TLE 8203E Multi-half bridges	This evaluation kit is intended to provide first-hand experience of the mirror IC TLE 8203E which contains all the functions to drive power outputs within a mirror control module, i.e. mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software is also included.	Demoboard TLE8203E
Triple half-bridge driver	TLE 6208-3G Multi half-bridge driver	Designed specifically for automotive (mirror adjustment drive) and industrial motion control applications. The IC contains 3 half-bridge outputs. It provides access to all inputs and outputs with standard 4 mm jacks. PC software is provided.	Demoboard TLE6208-3G
Hex half-bridge driver	TLE 6208-6G Multi half-bridge driver	Designed specifically for automotive (climate control flap drive) and industrial motion control applications. The IC contains 6 HSS channels and 6 LSS channels and can be used as a freely configurable switch, half bridge or H-bridge driver. It provides access to all inputs and outputs with standard 4 mm jacks.	Demoboard TLE6208-6G
2-phase stepper motor driverr IC	TLE 4729G Stepper driver	The TLE 4729G is designed specifically for automotive stepper motor applications such as automatic head beam leveling, idle speed control, etc. The device offers peak current control with fixed frequency (current chopper) of up to half step modes where the target current is set up by an external sense resistor, R_{sense}.	Demoboard TLE4729G
Quad half-bridge driver IC	TLE 8444SL Multi half-bridge driver	The TLE 8444SL is designed specifically for automotive applications such as idle speed control. The device is suitable to drive stepper motors requiring voltage control or DC motors.	Demoboard TLE8444SL
NovalithIC™ H-bridge	BTN 793xB BTN 796xB BTN 797xB Half-bridge	Contains two of our NovalithIC™ components in a typical H-bridge configuration including peripheral components and reverse polarity protection. The board is suitable for all members of the NovalithIC™ family (BTN 79XXB).	Demoboard BTN7930B Demoboard BTN7933B Demoboard BTN7960B Demoboard BTN7963B Demoboard BTN7970B Demoboard BTN7971B Demoboard BTN7973B
3-phase motor driverr	TLE 7183F Motor driverr	This evaluation kit is designed to demonstrate the performance of the TLE 7183F 3-phase motor driverr. Typical applications are cooling fans, water pumps, electrohydraulics and electric power steering. The TLE 7183F is designed for a 12 V power net.	Demoboard TLE7183F REV. 1.0
H-bridge for DC-motor applications	TLE 8209-1 H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 8209-1, a monolithic IC for driving DC motors and stepper motors in safety-critical automotive applications, in particular electronic throttle and exhaust gas recirculation valve control. The TLE 8209-1 features three selectable current ranges, two selectable slew rate settings and extensive diagnosis via SPI. The device monitors the digital supply voltage V_{DD} and shuts down the output stages in case of V_{DD} over- or undervoltage, thus providing a safe switch-off path in case of malfunction of the digital control circuitry.	Demoboard TLE8209-1
Bridge for idle speed and throttle control	TLE 7209-2R H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 7209-2R. The board is intended to be used with an external power supply, an external signal generator and an oscilloscope to visualize the signals. SPI signals can be generated using a parallel port on a PC. All the application components needed are already supplied on the board.	Demoboard TLE7209-2R
Constant current control IC	TLE 7241E Constant current control IC	This evaluation kit is designed to demonstrate the performance of the TLE 7241E, a 2-channel, low-side constant current driver with programmable current, dither amplitude, dither frequency and slew rate. Best suited for transmission applications using proportional valves.	Demoboard TLE7241E Evaluation kit

Board Name	Products	Description	Order No.
Powertrain system IC	TLE 6288R Multi-channel switch	The TLE 6288R is a 6-channel smart multi-channel switch with embedded protection, diagnosis and configurable functions. Channels 1-3 are high-side switches with integrated charge pump and can be programmed to do autonomous peak and hold current regulation with PWM. Channels 4-6 can be configured as high-side or low-side switches. This IC can be used to drive loads in high-side or low-side applications with switching frequencies up to 10 kHz.	Demoboard TLE6288R
Powertrain system IC	TLE 6244X Multi-channel switch	This evaluation board is designed to demonstrate the performance of the TLE 6244X. The application board is equipped with a 5 V linear voltage regulator U1 (TLE 4264G) that can be connected directly to 12 V (battery).	Demoboard TLE6244X
Powertrain system IC	TLE 8110E Multi-channel switch	A smart 10-channel low-side switch with serial peripheral interface (SPI). To be used together with the microcontroller XC2287 power easy kit (to be ordered seperately).	Demoboard TLE8110E
Powertrain system IC	TLE 8112EE Multi-channel switch	A smart 12-channel low-side switch with serial peripheral interface (SPI). To be used together with the microcontroller XC2287 power easy kit (to be ordered seperately).	Demoboard TLE8112EE
Powertrain system IC	TLE 8510EE Multi-channel switch	A smart 10-channel low-side switch with TTL-based multi-channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered seperately).	Demoboard TLE8510EE
Powertrain system IC	TLE 8512EE Multi-channel switch	A smart 12-channel low-side switch with TTL-based multi-channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered seperately).	Demoboard TLE8512EE
Powertrain system IC	TLE 8710EE Multi-channel switch	A smart 10-channel low-side switch with LVDS-based micro second channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered seperately).	Demoboard TLE8710EE
Powertrain system IC	TLE 8110SA Multi-channel switch	A smart 10-channel low-side switch with serial peripheral interface (SPI). To be used together with the microcontroller XC2287 power easy kit (to be ordered seperately).	Demoboard TLE8110SA
Powertrain system IC	TLE 8512SA Multi-channel switch	A smart 12-channel low-side switch with TTL-based multi-channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered seperately).	Demoboard TLE8512SA
Powertrain system IC	TLE 8712SA Multi-channel switch	A smart 12-channels low-side switch with LVDS based micro second channel and asynchronous upstream specifically designed for powertrain applications. To be used together with the microcontroller TriCore™ TC1766 demo board (to be ordered seperately).	Demoboard TLE8712SA
System basis chip	TLE 8264-2E, TLE 8264E TLE 8263-2E, TLE 8263E TLE 8262-2E, TLE 8262E TLE 8261-2E , TLE 8261E System basis chip	This universal demo board is intended to be used for a system evaluation board for the TLE 7263 system basis chip. The board allows the user to evaluate all the device features and functions as well as to quickly start the development of the application software. The evaluation kit consists of the power unit and the control unit (power easy kit - to be ordered seperately). The graphical user interface allows for easy controlling and monitoring of the SBC via SPI (e.g. automatic watchdog triggering).	Demoboard TLE8264E V2.0
System basis chip	TLE 7263 System basis chip	This universal demo board is intended to be used for a system evaluation board for the TLE 7263 system basis chip. Hermes system basis chip family. The board allows the user to evaluate all the device features and functions as well as to quickly start the development of the application software. The evaluation kit consists of the power unit and the control unit (power easy kit - to be ordered seperately). The graphical user interface allows for easy controlling and monitoring of the SBC via SPI (e.g. automatic watchdog triggering).	Demoboard TLE7263E

Board Name	Products	Description	Order No.
TLE 4997x board	TLE 4997x Linear Hall sensor	Programmer for the linear Hall TLE 4997 family.	TLE4997 PROGRAMMER SP000439708
TLE 4998x board	TLE 4998x Linear Hall sensor	Programmer for the linear Hall TLE 4998 family.	TLE4998 PROGRAMMER SP000425300
TLE 5011 evalkit	TLE 5011 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available seperately (without PGSISI box).	TLE5011 Evalkit TLE5011 Evalboard (PCB)
TLE 5012 evalkit	TLE 5012 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available seperately (without PGSISI box).	TLE5012 Evalkit TLE5012 Evalboard (PCB)
Powertrain programmer kit	TLE 492x, TLE 498x Powertrain Hall sensor	Evaluation and programming tool for crankshaft (TLE 492x) and camshaft (TLE 498x) Hall sensors.	TLE498x Programmer Kit, SP000451572
SP30 / SP30T development kit	SP30 Tire pressure sensor	The SP30 development kit allows software development for the tire pressure sensor SP30 as well as in-circuit debugging. The development kit includes an SP30 socket board and debugging hardware, SP30 / SP30T samples, an integrated software development environment, documentation and sample software.	SP30 DEVELP KIT TYPE 6 SP000434364 (with SP30 samples) SP30T DEVELP KIT TYPE 6 SP000434368 (with SP30T samples)
SP37 development kit	SP37 Tire pressure sensor	The SP37 development kit enables evaluation of the entire feature set of the tire pressure sensor SP37, such as RF transmitter functionality and LF receiver functionality; additionally it allows software development and in-circuit debugging. The development kit includes the required evaluation hardware, SP37 devices, an integrated software development environment, documentation and a selection of sample software.	SP37-315-8 DEVELOP KIT SP000518282 (with 315 MHz transmitter) SP37-434-8 DEVELOP KIT SP000518286 (with 434 MHz transmitter)
USB pressure-sensor stick	KP 12x Pressure sensor	KP 12x sensor stick with internal KP 125 sensor. The KP MAP/ BAP demonstrator is an easy and ready to use tool to discover the capabilities of the Infineon KP pressure sensor family. The required software and promotional material is included in the integrated memory stick and can be downloaded right away. All features are implemented in a USB stick with a graphical user interface to manipulate and evaluate the sensor behavior.	KP MAP/BAP Demonstrator, SP000463010 KP Demo pressure Coupling, SP000534842 KP Extension board, SP000534838
KP 106 kit	KP 106 Side airbag sensor	Evalkit for side airbag pressure sensors. The KP 106 evaluation kit for side airbag pressure sensors provides the possibility to evaluate the complete functionality of the KP 106 side airbag pressure sensor family. This includes voltage supply, an easy sensor insertion socket and signal conditioning. The calculated pressure values can be transmitted to the PC using the PGSISI adapter.	KP106 KIT, SP000367787
Wireless control USB-UWLink	TDA 5150 SmartLEWIS™ TX Transmitter	USB stick for the transmitter TDA 5150 for 315/434/868/915 MHz and output power of 5/10 dBm.	TDA5150-USB-UWLink
BFP 540ESD eval board	BFP 540ESD RF transistor	A low-cost, low-current broadband UHF low noise amplifier with the ESD-robust BFP 540ESD RF transistor.	BFP540ESD board
BFP 460 eval board	BFP 460 RF transistor	A low-cost, low-noise amplifier for 315 and 434 MHz RKE applications using the ESD-robust BFP 460 RF transistor.	BFP460 board

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Board Name	Products	Description	Order No.
BFR 360L3 eval board	BFR 360L3 RF transistor	This board shows BFR 360L3 in different ISM-band applications. It is also available for BFR 340L3 and BFR 380L3. Please specify the applications and the transistor in your order.	BFR360L3 board
BFR 460L3 eval board	BFR 460L3 RF transistor	This board shows the ESD-robust BFR 460L3 board in ISM and RKE applications, as well as wideband LNA. Please specify the applications in your order.	BFR460L3 board
BFR 182 board	BFR 182 RF transistor	Low-cost RKE transmitter using BFR 182.	BFR182 board
ESD 24VS2U board	ESD 24VS2U ESD & EMI protection	Evaluation board for ESD 24VS2U TVS, 2-channel unidirectional diode designed for ESD/transient protection on LIN/CAN-bus applications.	SP000417056
Hybrid-Kit for HybridPACK™1	1ED020I12-FA HybridPACK™1 Power module	Complete inverter/DC-DC solution for applications up to 20 kW (Mild Hybrid) with IGBT module HybridPACK™1 (FS400R06KE3) 600 V/400 A, employing coreless transformer isolated driver (1ED020I12- FA) and overvoltage protection (active clamping). Possibility of different motor interfaces: encoder, GMR, resolver. Microcontroller board included based on 32-bit TC1767 (TriCore™ family)	SP000554548
Hybrid-Kit for HybridPACK™2	6ED100HP1-FA 6ED100HP2-FA Power module	Complete inverter/DC-DC solution for applications up to 80 kW (Full Hybrid Electrical Vehicles) with IGBT module HybridPACK™2 (FS800R07A2E3) 650 V/800 A, employing coreless transformer isolated driver (1ED020I12- FA) and overvoltage protection (active clamping). Possibility of different motor interfaces: encoder, GMR, resolver. Microcontroller board included based on 32-bit TC1767 (TriCore™ family).	SP000554548
6ED100HP2-FA	1ED020I12-FA Microcontroller	Driver board for HybridPACK™2 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-FA. IGBT module to be ordered seperately.	SP000552868
6ED100HP1-FA	1ED020I12-FA Microcontroller	Driver board for HybridPACK™1 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-FA. IGBT module to be ordered seperately.	SP000521526
Hybrid-Kit for HybridPACK™2	1ED020I12-FA Microcontroller	Complete inverter/DC-DC solution for applications up to 80 kW (Full Hybrid Electrical Vehicles) with IGBT module HybridPACK™2 (FS800R07A2E3) 650 V/800 A, employing coreless transformer isolated driver (1ED020I12- FA) and overvoltage protection (active clamp)	SP000635950
KIT _AK_XC866_LIN_ STEPPER	XC866 Microcontroller	XC866 LIN stepper motor kit: To jump start stepper motor design and provide an introduction to the Local Interconnect Network (LIN) protocol, Infineon offers the XC866 LIN stepper motor application kit.	KIT_AK_XC866_LIN_ STEPPER
Power Easy Kit XC2287	XC2287 Microcontroller	Combines microcontroller easy kit XC2287 with interface to other demo boards (to be ordered seperately). Enables quick start for software evaluation for driving external power outputs placed demo boards plugged onto the power easy kit. This can be used as a universal body control module system evaluation tool.	Power Easy Kit

Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see "Microcontroller" category.	
Embedded power / smart relay driver IC	TLE 7810 TLE 7824 TLE 7826 \n\n Embedded power	The kit contains two boards, a TLE 7826G evaluation board together with a PCLIN programming and LIN interface card, documentation, software and tools. This enables you from simply playing with the device (without any software development) to developing your own software application (2 kB limited Keil IDE).	Demoboard TLE7826
Door module power IC	TLE 8201R \n\n Multi-half bridges	This evaluation kit is intended to provide first-hand experience of the door module power IC TLE 8201R which contains all the functions to drive power outputs within a door module, i.e. main lock, safe lock, mirror adjustment, mirror fold, mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software provided.	Demoboard TLE8201R
Door module power IC	TLE 8203E \n\n Multi-half bridges	This evaluation kit is intended to provide first-hand experience of the mirror IC, TLE 8203E which contains all the functions to drive power outputs within a mirror control module, i.e. mirror heating and lamps. It provides access to all inputs and outputs with standard 4 mm jacks. PC software is also included.	Demoboard TLE8203E
Triple half-bridge driver	TLE 6208-3G \n\n Multi half-bridge driver	Designed specifically for automotive (mirror adjustment drive) and industrial motion control applications. The IC contains 3 half-bridge outputs.	Demoboard TLE6208-3G

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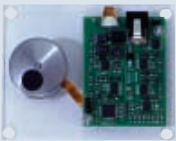| Board Name	Products	Description	Order No.
Hex half-bridge driver	TLE 6208-6G Multi half-bridge driver	Designed specifically for automotive (mirror adjustment drive) and industrial motion control applications. The IC can be used as a half-bridge or H contains 3 half-bridge driver outputs. Bridge driver (3 half-bridge) for automotive applications (e.g. HVAC, mirror). It provides access to all inputs and outputs with standard 4 mm jacks. PC software is provided.	Demoboard TLE6208-6G
2-phase stepper motor driver IC	TLE 4729G Stepper driver	The TLE 4729G is designed specifically for automotive stepper motor applications such as automatic head beam leveling, idle speed control, etc. The device offers peak current control with fixed frequency (current chopper) of up to half step modes where the target current is set up by an external sense resistor, R_{sense}.	Demoboard TLE4729G
Quad half-bridge driver IC	TLE 8444SL Multi half-bridge driver	The TLE 8444SL is designed specifically for automotive applications such as idle speed control. The device is suitable to drive stepper motors requiring voltage control or DC motors.	Demoboard TLE8444SL
NovalithIC™ H-bridge	BTN 793xB BTN 796xB BTN 797xB Half-bridge	Contains two of our NovalithIC™ components in a typical H-bridge configuration including peripheral components and reverse polarity protection. The board is suitable for all members of the NovalithIC™ family (BTN 79XXB).	Demoboard BTN7930B Demoboard BTN7933B Demoboard BTN7960B Demoboard BTN7963B Demoboard BTN7970B Demoboard BTN7971B Demoboard BTN7973B
3-phase motor driver	TLE 7183F 3-phase gate driver	This evaluation kit is designed to demonstrate the performance of the TLE 7183F 3-phase motor driver. Typical applications are cooling fans, water pumps, electrohydraulics and electric power steering. The TLE 7183F is designed for a 12 V power net.	Demoboard TLE7183F REV. 1.0
H-bridge for DC-motor applications	TLE 8209-1 H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 8209-1, a monolithic IC for driving DC motors and stepper motors in safety-critical automotive applications, in particular electronic throttle and exhaust gas recirculation valve control. The TLE 8209-1 features three selectable current ranges, two selectable slew rate settings and extensive diagnosis via SPI. The device monitors the digital supply voltage V_{DD} and shuts down the output stages in case of V_{DD} over- or undervoltage, thus providing a safe switch-off path in case of malfunction of the digital control circuitry.	Demoboard TLE8209-1
Bridge for idle speed and throttle control	TLE 7209-2R H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 7209-2R. The board is intended to be used with an external power supply, an external signal generator and an oscilloscope to visualize the signals. SPI signals can be generated using a parallel port on a PC. All the application components needed are already supplied on the board.	Demoboard TLE7209-2R

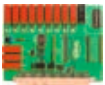| Board Name	Products	Description	Order No.
7ED020E12-FI-W2*	FP35R12W2T4, 2ED020I12-FI EiceDRIVER™ Gate driver	Power stage for industrial IGBT drives using a PIM module in an Easy2B package containing three-phase input rectifier, brake chopper and inverter bridge using IGBT4 devices. Coreless transformer halfbridge IGBT drives are employed for gate control and protection.	7ED020E12-FI-W2_ EVAL SP000367466
2ED100E12-F2*	EconoDUAL™3, 1ED020I12-F EiceDRIVER™ Gate driver	Driver board for EconoDUAL™3 IGBT modules, employing coreless transformer single-channel driver 1ED020I12-F. IGBT module to be ordered seperately.	2ED100E12-F2_ EVAL SP000405780
6ED100E12-F2*	EconoPACK™+, 1ED020I12-F EiceDRIVER™ Gate driver	IGBT driver board for EconoPACK™+ IGBT modules, employing coreless transformer single-channel driver 1ED020I12-F. IGBT module to be ordered seperately.	6ED100E12-F2_ EVAL SP0005055796
2ED300E17-SFO*	2ED300C17-S EiceDRIVER™ Gate driver	This evaluation board for the 2ED300C17-S IGBT driver board may be used for all medium and high power IGBT modules up to 1700 V. Electrical as well as optical (optional) interfacing is provided. For some modules, complementary module adapters are available to connect to the module. Complementary module adapters to be ordered seperately.	2ED300E17-SFO_ EVAL SP000355559
MA300E12*	PrimePACK™2 PrimePACK™3 Power modules	Adapter board containing additional booster stage suitable for driving 1200 V PrimePACK™ in single or parallel configuration. Operates together with 2ED300C17-SFO. Module to be ordered seperately.	MA300E12_ EVAL SP000372039
MA300E17*	PrimePACK™2 PrimePACK™3 Power modules	Adapter board containing additional booster stage suitable for driving 1700 V PrimePACK™ in single or parallel configuration. Operates together with 2ED300C17-SFO. Module to be ordered seperately.	MA300E17_ EVAL SP000355552
KIT_AK_ 3PHASE_ DRIVE_V1	8-bit microcontroller XC886, CIPOS™ IKCS12F60AA, CoolSET™ ICE3B0565G Drive kit	3-phase drive application kit: 0.75 kW power stage for consumer and industrial drives, XC886 motor control unit with molded CIPOS™ module and integrated AC/DC converter. Seperately application kit for PMSM/BLDC and induction motors (110 and 220 V).	KIT_AK_3PHASE_ DRIVE_V1

* Please remark that Industrial Power products are only available through our special distributors: Arihant (India), Comelec (Italy), Dabo (Korea), Dachs (Denmark), EBV (EMEA), Elecbiz (Taiwan), Eurotone (China), Hans Buch (Denmark), Jingchuan (China), Nisko (Israel), Symmetron (Russia)

In the Americas, please contact Infineon Tech. Industrial Power Inc., phone: #908-236-5600

Board Name	Products	Description	Order No.
KIT_AK_XC800_FOC_V1	XC886 Drive kit	Field-oriented-control (FOC) evaluation kit based on XC886/888 including documentation, ready-to-use FOC software, compiler, debugger, USB-CAN interface, DAVE™ mother system and a 24 V PMSM motor.	KIT_AK_XC800_FOC_V1
KIT_AK_BLDC_MDB_V1	XC866 Drive kit	Motor control demo kit for block commutation (20 ~ 45 V, 0 ~ 16 A) on BLDC motors.	KIT_AK_BLDC_MDB_V1
KIT _AK_ XC866_LIN_STEPPER	XC866 Drive kit	XC866 LIN stepper motor kit: To jump start stepper motor design and provide an introduction to the Local Interconnect Network (LIN) protocol, Infineon offers the XC866 LIN stepper motor application kit.	KIT_AK_XC866_LIN_STEPPER
KIT_AK_DaveDrive_V3	XC886/888 family Drive kit	Scalable low voltage PMSM motor driver kit with DAVE™ Drive auto code generator. Uses the full power of Infineon microcontrollers, e.g. it generates optimized FOC code for XC878 using a vector computer and XE164 with MAC unit supporting single cycle 16 x 16bit multi-plication and accumulation. This usually requires expert knowledge in both motor control and assembler programming.	KIT_AK_DaveDrive_V3
BLDC (brushless DC) application kit	XC866 Drive kit	12 V BLDC application kit: pp to 20 A BLDC motor, inverter, MCU (XC866). Free compiler (SDCC) and debugger (HITOP). Tutorial videos demonstrating how to use the kit.	KIT_AK_XC866_BLDC
FOC drive application kit	XC878, XE164F Drive kit	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23 – 56 V, 7.5 A. 15 W PMSM motor and plug-in 24 V power supply. Using Infineon 6ED003L06 gate driver, BSC 196N10 MOSFETs, CoolSET™ ICE 3B0565 power supply and TLE 4264 LDO. Software package including source code. Sensorless FOC of PMSM with XE164. Sensorless FOC of PMSM with XC878.	KIT_AK_FOCDRIVE_V1
Dual motor drive application kit	XC878, XE164F Drive kit	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23 – 56 V, 7.5 A. 15 W PMSM motor and plug-in 24 V power supply. Using Infineon 6ED003L06 gate driver, BSC 196N10 MOSFETs, CoolSET™ ICE 3B0565 power supply and TLE 4264 LDO. Software package including source code. Simultaneous control of two PMSMs with sensorless FOC & digital PFC with XE164. Sensorless FOC & digital PFC with XC878. V/f control of ACIM for quick evaluation.	KIT_AK_2MOTORDRIVE_V1

Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see "Microcontroller" category.	
Wireless control kits	Transmitter, trans-ceiver and receiver	For transmitter, transceiver and receiver evaluation boards, please see "Communication" category.	
HITFET™ protected low-side power switch	BTS 3256D Low-side switch	Protected low-side power switch (10 mΩ at 25 °C). This board enables easy startup and connectivity for the new power HITFET™ BTS 3256D. Enables easy read out of digital status via LED, and easy slew rate change via variable resistor on board.	Demoboard BTS3256D
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7231G Multi-channel switch	SPI Driver for Enhanced Relay Control (SPIDER). This board is desi-gned to interface with the universal body control module system evaluation tool.	Demoboard TLE7231G
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7234EM TLE 7234SE TLE 7237SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7234SE and TLE 7237SL .	Demoboard TLE7234/7237
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7235EM TLE 7235SE TLE 7238SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7235SE and TLE 7238SL.	Demoboard TLE7235/7238

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Board Name	Products	Description	Order No.
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7236EM TLE 7236SE TLE 7239SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7236SE and TLE 7239SL.	Demoboard TLE7236/7239
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7240SL TLE 7243SL TLE 7244SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7240SL, TLE 7243SL and TLE 7244SL.	Demoboard TLE724XSL
HIC-PROFET™	BTS 500x0-1EGA High-side switch	For a quick start to lab evaluation, this demoboard drives loads such as heating, glow plugs or lamps in 12 V DC applications. It uses two devices from the BTS 500x0-1EGA product family, which can be used in parallel but also to drive two independent loads. The board can be used on a stand-alone basis, but also in combination with the power easy kit for a quick start to software evaluation.	Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA
PROFET™ demo kit	BTS 5241L BTS 5234G BTS 5230GS BTS 6143D	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. These are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard PROFET™ V2.0
PROFET™ demo kit		This board is part of the PROFET™ demo kit.	
PROFET™ demo kit	High-side switch	This board is part of the PROFET™ demo kit.	
Basic buck converter	TLE 8366 DC/DC converter	This application board enables you to test the performance of the TLE 8366 basic buck converter. It is equipped with a TLE 8366EV for variable output voltages (preadjusted to 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A output current, low quiescent current.	Demoboard TLE6389-2GV
Embedded power / smart relay driver IC	TLE 7810 TLE 7824 TLE 7826 Embedded power	The kit contains two boards, a TLE 7826G evaluation board together with a PCLIN programming and LIN interface card, documentation, software and tools. This enables you from simply playing with the device (without any software development) to developing your own software application (2 kB limited Keil IDE).	Demoboard TLE7826

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Board Name	Products	Description	Order No.
CAN-LIN transceivers	TLE 6250G TLE 6251G TLE 6251DS TLE 8250 Transceiver	Basic control unit to generate CAN-, LIN- and FlexRay datastreams. Plug & play, ready to use system to build up complete CAN-, LIN-, and FlexRay networks. Additional software examples are provided to allow timing measurements and to verify signal integrity.	CAN-LIN Universal Demoboard
Triple half-bridge driver	TLE 6208-3G Multi half-bridge driver	Designed specifically for automotive (mirror adjustment drive) and industrial motion control applications. The IC contains 3 half-bridge outputs. It provides access to all inputs and outputs with standard 4 mm jacks.	Demoboard TLE6208-3G
Hex half-bridge driver	TLE 6208-6G Multi half-bridge driver	Designed specifically for automotive (climate control flap drive) and industrial motion control applications. The IC contains 6 HSS channels and 6 LSS channels and can be used as a freely configurable switch, half bridge or H-bridge driver. It provides access to all inputs and outputs with standard 4 mm jacks.	Demoboard TLE6208-6G
2-phase stepper motor driverr IC	TLE 4729G Stepper driver	The TLE 4729G is designed specifically for automotive stepper motor applications such as automatic head beam leveling, idle speed control, etc. The device offers peak current control with fixed frequency (current chopper) of up to half step modes where the target current is set up by an external sense resistor, R_{sense}.	Demoboard TLE4729G
Quad half-bridge driver IC	TLE 8444SL Multi half-bridge driver	The TLE 8444SL is designed specifically for automotive applications such as idle speed control. The device is suitable to drive stepper motors requiring voltage control or DC motors.	Demoboard TLE8444SL
NovalithIC™ H-bridge	BTN 793xB BTN 796xB BTN 797xB Half-bridge	Contains two NovalithIC™s in a typical H-bridge configuration including peripheral components and reverse polarity protection. The board is suitable for all members of the NovalithIC™ family (BTN 79XXB).	Demoboard BTN7930B Demoboard BTN7933B Demoboard BTN7960B Demoboard BTN7963B Demoboard BTN7970B Demoboard BTN7971B Demoboard BTN7973B
3-phase motor driver	TLE 7183F 3-phase gate driver	This evaluation kit is designed to demonstrate the performance of the TLE 7183F 3-phase motor driver. Typical applications are cooling fans, water pumps, electrohydraulics and electric power steering. The TLE 7183F is designed for a 12 V power net.	Demoboard TLE7183F REV.1.0
H-bridge for DC motor applications	TLE 8209-1 H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 8209-1, a monolithic IC for driving DC motors and stepper motors in safety-critical automotive applications, in particular electronic throttle and exhaust gas recirculation valve control. The TLE 8209-1 features three selectable current ranges, two selectable slew rate settings and extensive diagnosis via SPI. The device monitors the digital supply voltage V_{DD} and shuts down the output stages in case of V_{DD} over- or undervoltage, thus providing a safe switch-off path in case of malfunction of the digital control circuitry.	Demoboard TLE8209-1
Bridge for idle speed and throttle control	TLE 7209-2R H-bridge motor driver	This evaluation kit is designed to demonstrate the performance of the TLE 7209-2R. The board is intended to be used with an external power supply, an external signal generator and an oscilloscope to visualize the signals. SPI signals can be generated using a parallel port on a PC. All the application components needed are already supplied on the board.	Demoboard TLE7209-2R

Board Name	Products	Description	Order No.
Constant current control IC	TLE 7241E Constant current control IC	This evaluation kit is designed to demonstrate the performance of the TLE 7241E, a 2-channel, low-side constant current driver with programmable current, dither amplitude, dither frequency and slew rate. Best suited for transmission applications using proportional valves.	Demoboard TLE7241E Evaluation kit
TLE 4997x board	TLE 4997x Linear Hall sensor	Programmer for the linear Hall TLE 4997 family.	TLE4997 PROGRAMMER SP000439708
TLE 4998x board	TLE 4998x Linear Hall sensor	Programmer for the linear Hall TLE 4998 family.	TLE4998 PROGRAMMER SP000425300
TLE 5011 evalkit	TLE 5011 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available seperately (without PGSISI box).	TLE 5011 Evalkit TLE 5011 Evalboard (PCB)
TLE 5012 evalkit	TLE 5012 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available seperately (without PGSISI box).	TLE 5012 Evalkit TLE 5012 Evalboard (PCB)
USB pressure-sensor stick	KP 12x Pressure sensor	KP 12x sensor stick with internal KP 125 sensor. The KP MAP/ BAP demonstrator is an easy and ready to use tool to discover the capabilities of the Infineon KP pressure sensor family. The required software and promotional material is included in the integrated memory stick and can be downloaded right away. All features are implemented in a USB stick with a graphical user interface to manipulate and evaluate the sensor behavior.	KP MAP/BAP demonstrator: SP000463010 KP demo pressure coupling: SP000534842 KP extension board: SP000534838
EVAL 2X8-ISO1H801G	ISO 1H801G ISOFACE™ Isolated high-side driver	Coreless transformer isolated high-side 8-bit parallel data interface for 5 V input providing fully protected power switches and handling currents up to 625 mA.	EVAL 2X8-ISO1H801G
EVAL 2X8-ISO1H802G	ISO 1H802G ISOFACE™ Isolated high-side driver	Coreless transformer isolated high-side 8-bit serial data interface for 5 V input providing fully protected power switches and handling currents up to 625 mA.	EVAL 2X8-ISO1H802G

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Board Name	Products	Description	Order No.
Basic buck converter	TLE 8366 DC/DC converter	This application board enables you to test the performance of the TLE 8366 basic buck converter. It is equipped with a TLE 8366EV for variable output voltages (preadjusted to 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A output current, low quiescent current.	Demoboard TLE6389-2GV
EVALPFC2-ICE2PCS01	ICE 2PCS01 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2-ICE2PCS01
EVALPFC2-ICE2PCS02	ICE 2PCS02 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2-ICE2PCS02

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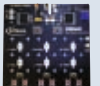
Board Name	Products	Description	Order No.
EVALPFC2-ICE2PCS03	ICE 2PCS03 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2-ICE2PCS03
EVALPFC2-ICE2PCS04	ICE 2PCS04 Power control IC	CCM PFC controller for 300 W PFC evaluation board with 85~265 V AC universal input and 393 V DC fixed output.	EVALPFC2-ICE2PCS04
EVALQRS-ICE2QS01- 160W	ICE 2QS01 Power control IC	QR controller for 160 W TV applications.	EVALQRS-ICE2QS01-160W
EVALS-25W-ICE2QS01	ICE 2QS01 Power control IC	QR controller for 25 W DVD, VCD and VCR.	EVALS-25W-ICE2QS01
EVALQRS-ICE2QS02G80W	ICE 2QS02G Power control IC	QR controller for 80 W LCD TV, home audio or printer applications.	EVALQRS-ICE2QS02G-80W
EVALSF3-ICE3B0565	ICE 3B0565 Power control IC	12 W SMPS demoboard with CoolSET™ F3 w/o latched - off mode.	EVALSF3-ICE3B0565
EVALSF3-ICE3B1565	ICE 3B1565 Power control IC	F3 CoolSET™ for 20 W SMPS evaluation board.	EVALSF3-ICE3B1565
EVALSF3-ICE3B 25 65	ICE 3B2565 Power control IC	F3 CoolSET™ for 30.4 W SMPS evaluation board.	EVALSF3-ICE3B2565
EVALSF3-ICE3B2065P	ICE 3B2065P Power control IC	F3 CoolSET™ for 40 W 18 V SMPS evaluation board.	EVALSF3-ICE3B2065P
EVALSF3-ICE3A5565P	ICE 3A5565P Power control IC	F3 CoolSET™ for 100 W 18 V SMPS evaluation board.	EVALSF3-ICE3A5565P
EVALSF3-ICE3B0565J	ICE 3B0565J Power control IC	F3 CoolSET™ for 12 W 5.0 V SMPS evaluation board.	EVALSF3-ICE3B0565J

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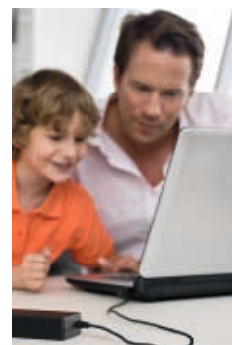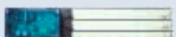
Board Name	Products	Description	Order No.
EVALM-ICE3A0365	ICE 3A0365 Power control IC	F3 CoolSET™ for 6 W 12.5 V SMPS evaluation board.	EVALM-ICE3A0365
EVALSF3-ICE3A1065 LJ	ICE 3A1065LJ Power control IC	F3 CoolSET™ for 15 W 5.0 V SMPS evaluation board.	EVALSF3-ICE3A1065LJ
EVALSF3R-ICE3BR4765J	ICE 3BR4765J Power control IC	F3 CoolSET™ for 12 W 5.0 V SMPS evaluation board.	EVALSF3R-ICE3BR4765J
EVALSF3R-ICE3BR0665J	ICE 3BR0665J Power control IC	F3 CoolSET™ for 30 W 16 V SMPS evaluation board.	EVALSF3R-ICE3BR0665J
EVALSF3R-IC-3BR0665JF	ICE 3BR0665JF Power control IC	F3 CoolSET™ for 100 W 18 V SMPS evaluation board.	EVALSF3R-ICE3BR0665JF
EVALSF3-ICE3A1065ELJ	ICE 3A1065ELJ Power control IC	F3 CoolSET™ for 15 W 5.0 V SMPS evaluation board.	EVALSF3-ICE3A1065ELJ
EVALSF3R-IC-3BR2565JF	ICE 3BR2565JF Power control IC	F3 CoolSET™ for 40 W 18 V SMPS evaluation board.	EVALSF3R-ICE3BR2565JF
EVALSF3-ICE3DS01G	ICE 3DS01G Power control IC	ICE 3DS01G: PWM controller for 28 W LCD monitor.	EVALSF3-ICE3DS01G
EVALSF3-ICE3DS01L(G)	ICE 3DS01L(G) Power control IC	ICE 3DS01L(G): F3 controller for 60 W LCD monitor, adapter, DVD and STB.	EVALSF3-ICE3DS01L(G)
EVALSF3-ICE3AS02	ICE 3AS02 Power control IC	ICE 3AS02: F3 controller for 60 W LCD monitor, adapter, DVD, STB and auxiliary power supplies.	EVALSF3-ICE3AS02
EVALSF3-ICE3BS03LJG	ICE 3BS03LJG Power control IC	ICE 3BS03LJG: F3 controller for 60 W LCD monitor, adapter, DVD, STB and auxiliary power supplies.	EVALSF3-ICE3BS03LJG

Board Name	Products	Description	Order No.
Basic buck converter	TLE 8366 DC/DC converter	This application board enables you to test the performance of the TLE 8366 basic buck converter. It is equipped with a TLE 8366EV for variable output voltages (preadjusted to 4.8 V). The board offers several possibilities to modify the schematic and also the possibility to drive LEDs.	Demoboard TLE8366
Buck converter	TLE 6389-2GV DC/DC converter	Multi-purpose buck controller for external PMOS switch, 5 V or adjustable output voltage, maximum of 2.3 A output current, low quiescent current.	Demoboard TLE6389-2GV
LED driver demo board	TLE 4309 TLE 4242G LED driver	This board is designed to demonstrate the performance of our linear LED driver TLE 4242G and TLE 4309G with Osram high brightness LEDs. It is possible to choose between the two drivers. A potentiometer allows the adjustment of the PWM duty-cycle for dimming the LEDs.	Demoboard TLE4242G LED driver/TLE4309
1 W and 3 W LED demo board	BCR 450 LED driver	Shows how to drive high-power LEDs (1 W, 3 W) with the BCR 450 - Max. supply voltage: 27 V, max. current up to 2 A - BCR 450 + the 3 different booster transistors on one board - BAS 3007A-RPP on board (optional) - Can be connected to a string of LEDs - PWM signal can be applied	BCR450 board
12 V low current LED demo board	BCR 402W LED driver	The BCR 40xW series is an ideal drop-in replacement for resistor-based channel letter solutions - 12 V supply voltage, 20 mA current - BCR 402 W with footprint for external resistor for adjusting the current - Footprint for Schottky diodes (can be replaced by jumpers) - 3 x 0.2 W LEDs in series, type: OSRAM TopLED LW T6SG	BCR402W 12 V LED board

Board Name	Products	Description	Order No.
24 V Low current LED demo board	BCR 402W LED driver	The BCR 402 W can be operated at higher voltages than 18 VDC by simply putting a string of LEDs above the LED driver to reduce the supply voltage below 18 VDC - 24 V supply voltage, 20 mA current - BCR 402 W with footprint for external resistor for adjusting the current - Footprint for Schottky diodes (can be replaced by jumpers) - 6 x 0.2 W LEDs in series, type: OSRAM TopLED LW T6SG	BCR402W 24V LED board
Off-line LED driver demo board for street lighting	TDA 4863, BCR 450 LED driver	TDA 4863 flyback controller & PFC in a single-stage topology - TLE 4305 CV CC feedback - Each LED string is driven at 350 mA by the BCR 450 in combination with the external transistor BCX 68-25 - Optimized for low-cost multi-LED string system with BCR 450 linear current regulators	BCR450 TDA4863G board
LED driver board with CoolSET™	ICE 3B0365JG Power control Ics	24 V/350 mA low-cost and highly efficient LED PSU for multiple LEDs.	EVALACDC LED-ICE3B0365JG
HITFET™ protected low-side power switch	BTS 3256D Low-side switch	Protected low-side power switch (10 mΩ at 25 °C). This board enables easy startup and connectivity for the new power HITFET™ BTS 3256D. Enables easy read out of digital status via LED, and easy slew rate change via variable resistor on board.	Demoboard BTS3256D
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7231G Multi-channel switch	SPI Driver for Enhanced Relay Control (SPIDER). This board is designed to interface with the universal body control module system evaluation tool.	Demoboard TLE7231G
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7234EM TLE 7234SE TLE 7237SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7234SE and TLE 7237SL.	Demoboard TLE7234/7237
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7235EM TLE 7235SE TLE 7238SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7235SE and TLE 238SL.	Demoboard TLE7235/7238
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7236EM TLE 7236SE TLE 7239SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7236SE and TLE7239SL.	Demoboard TLE7236/7239
SPIDER (SPI Driver for Enhanced Relay Control)	TLE 7240SL TLE 7243SL TLE 7244SL Multi-channel switch	The board is designed to interface with the universal body control module system evaluation tool. The set contains adapter boards for TLE 7240SL, TLE 7243SL and TLE 7244SL.	Demoboard TLE724XSL
HIC-PROFET™	BTS 500x0-1EGA High-side switch	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. This are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard BTS50050-1EGA Demoboard BTS50060-1EGA Demoboard BTS50070-1EGA Demoboard BTS50080-1EGA
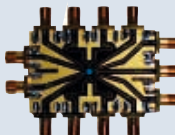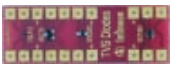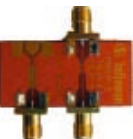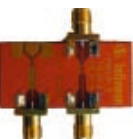
Board Name	Products	Description	Order No.
PROFET™ demo kit	BTS 5241L BTS 5234G BTS 5230GS BTS 6143D	Evaluation kit to demonstrate the functionality of the BTS 5241L, BTS 5234G and BTS 5230GS. These are 2-channel, smart power PROFET™ (high-side switches), except BTS 6143D which is a single-channel device. The control board is equipped with a C868BA microcontroller. It is built to be reverse polarity protected. The power boards are directly connected to the control board.	Demoboard PROFET™ V2.0
PROFET™ demo kit		This board is part of the PROFET™ demo kit.	
PROFET™ demo kit	High-side switch	This board is part of the PROFET™ demo kit.	
SPOC (SPI power controller for advanced light control)	BTS 5590GX	The universal body control module is intended to be used as a system evaluation board for several automotive power devices. It consists of a control unit and a power unit. The control unit is intended to control the power unit as well as to receive commands from a user interface. The power unit contains two BTS 5590GX for system evaluation purposes.	Demoboard BTS 5590GX
BTS 5590GX demoboard	Multi-channel switch	This board is part of the SPOC (SPI power controller for advanced light control) demo kit.	
SPOC II - Power easy kit	BTS 5662E BTS 5672E BTS 5682E Multi-channel switch	The SPOC II power easy kit is intended to be used as a system evaluation board for several automotive power devices like BTS 5662E, BTS 5672E and BTS 5682E. It consists of a control unit and power unit. The control unit is intended to control the power unit as well as receive commands from a user interface.	Demoboard BTS5672E/ BTS5682E
Evaluation board ICB2FL01G	ICB 2FL01G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 2nd generation ICB 2FL01G for 1x54 W T5 lamp.	EVAL board ICB2FL01G
Evaluation board ICB-2FL02G	ICB 2FL02G Smart ballast controller	Demoboard for dimmable fluorescent lamp ballast with smart ballast controller 2nd generation ICB 2FL02G for 1x26 W TC-TEL lamp.	EVAL board ICB2FL02G
Evaluation board ICB1FL02G	ICB 1FL02G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 1st generation ICB 1FL03G for 1x54 W T5 lamp.	EVAL board ICB1FL02G
ICB 2FL02G	ICB 2FL02G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 2nd generation ICB 2FL02G for 1x54 W T5 lamp.	EVAL board ICB2FL02G
Evaluation board ICB 1FL03G	ICB 1FL03G Smart ballast controller	Demoboard for fluorescent lamp ballast with smart ballast controller 1st generation ICB 1FL03G for 1x54 W T5 lamp.	EVAL board ICB1FL02G

Board Name	Products	Description	Order No.
Microcontroller boards	Microcontroller	For microcontroller evaluation boards, please see "Microcontroller" category.	
Wireless control kits	Transmitter, transceiver and receiver	For transmitter, transceiver and receiver evaluation boards, please see "Communication" category.	
TLE 4997x board	TLE 4997x Linear Hall sensor	Programmer for the linear Hall TLE 4997 family.	TLE4997 PROGRAMMER SP000439708
TLE 4998x board	TLE 4998x Linear Hall sensor	Programmer for the linear Hall TLE 4998 family.	TLE4998 PROGRAMMER SP000425300
TLE 5011 evalkit	TLE 5011 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available seperately (without PGSISI box).	TLE 5011 Evalkit TLE 5011 Evalboard (PCB)
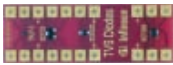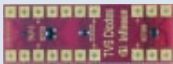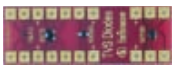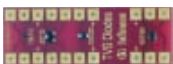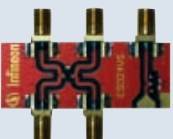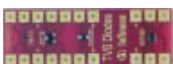
Board Name	Products	Description	Order No.
TLE 5012 evalkit	TLE 5012 Angle sensor	The kit consists of a PGSISI box and an evaluation board and allows evaluation of an integrated Giant Magneto Resistance (iGMR) angle sensor. The evaluation board (PCB) with angle sensor and rotating magnet is available seperately (without PGSISI box).	TLE 5012 Evalkit TLE 5012 Evalboard (PCB)
USB pressure-sensor stick	KP 12x Pressure sensor	KP 12x sensor stick with internal KP 125 sensor. The KP MAP/ BAP demonstrator is an easy and ready to use tool to discover the capabilities of the Infineon KP pressure sensor family. The required software and promotional material is included in the integrated memory stick and can be downloaded right away. All features are implemented in a USB stick with a graphical user interface to manipulate and evaluate the sensor behavior.	KP MAP/BAP Demonstrator: SP000463010 KP Demo pressure coupling: SP000534842 KP Extension board: SP000534838
BGF 104C Hipac eval board	BGF 100 ESD & EMI protection	ESD and EMI protection (audio filter) for differential microphone interfaces.	BGF100 board
BGF 104C Hipac eval board	BGF 104C ESD & EMI protection	ESD and EMI filter array for high-speed multi-media card (HSMMC).	BGF104 board
BGF 109C Hipac eval board	BGF 109C ESD & EMI protection	ESD and EMI filter 10-channel array for LCD interface.	BGF109 board
BGF 200 Hipac eval board	BGF 200 ESD & EMI protection	ESD and EMI protection (audio filter) for single-ended microphone interface.	BGF200 board
BGA 616 eval board	BGA 616 RF MMIC	Evaluation board for BGA 616. BGA 616 is one of our general purpose 50 T gain-block family. Boards for BGA 612 and BGA 614 are available in ISAR as well.	BGA616 board

Board Name	Products	Description	Order No.
ESD 8V0 series eval board	ESD 8V0 series ESD & EMI protection	Evaluation board for the ESD 8V0 series TVS-protection diodes. These diodes are available in different packages either for single- or dual-channel protection. Please select the board version in ISAR accordingly.	SP000417066 SP000417084 SP000417082 SP000417086 SP000417068
ESD 5V0 series eval board	ESD 5V0 series ESD & EMI protection	Evaluation board for ESD 5V0 series TVS-protection diodes. These diodes are available in different packages for single- or multi-channel protection. Please select the board version in ISAR accordingly.	SP000417072 SP000417060 SP000417062
ESD 0P2RF-02LRH board	ESD 0P2RF ESD & EMI protection	ESD protection for RF antennas using Infineon ESD 0P2RF. This diode is available in two packages: TSLP-2 (equivalent to 0402 inch) and TSSLP-2 (equivalent to 0201 inch).	SP000535786
ESD 0P4RFL board	ESD 0P4RFL ESD & EMI protection	ESD protection for RF antennas using Infineon ESD 0P4RFL. The package is TSLP-4.	SP000417094
ESD 5V3S1B-02LRH board	ESD 5V3S1B-02LRH ESD & EMI protection	ESD protection of audio, speaker and headset lines with ESD 5V3S1B-02LRH diode. Special feature of this diode is very low clamping voltage for protection of applications operating at a maximum voltage between -5.3 V/+5.3 V.	SP000628748
ESD 5V3U1U-02LRH board	ESD 5V3U1U-02LRH ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U1U-02LRH diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables application in USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is TSLP-2 (equivalent to 0402")	SP000417042
ESD 5V3U1U-02LS board	ESD 5V3U1U-02LS ESD & EMI protection	ESD protection of digital high speed data interfaces with single line ESD 5V3U1U-02LS diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables application in USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is smallest TVS in the world: TSSLP-2 (equivalent to 0201").	SP000417046

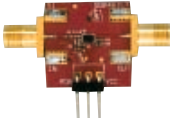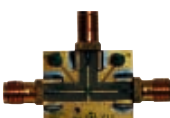| Board Name	Products	Description	Order No.
ESD 5V3U2U-03LRH board	ESD 5V3U2U-03LRH ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U2U-03LRH diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables protection of two lines with one device in applications like USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is leadless 3-pin TSLP-3, size equivalent to 0402.	SP000417074
ESD 5V3U2U-03F board	ESD 5V3U2U-03F ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U2U-03F diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables protection of two lines with one device in applications like USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is 3-pin TSFP-3.	SP000417078
ESD 5V3U4RRS board	ESD 5V3U4RRS ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U4RRS array diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 15 kV exceeding IEC61000-4-2 standard. It is the perfect solution for easy PCB layout and reduced component count in USB 2.0 and USB 3.0 applications. Package is SOT363.	SP000417080
ESD 5V3U4U-HDMI board	ESD 5V3U4U-HDMI ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U4U-HDMI array diode in TSLP-9 package (2.3 mm x 1 mm) This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Because of flow through package it is the ideal solution for protection of up to 4 data lines in HDMI and DisplayPort interfaces. Other applications like SD card protection in slim & small devices greatly benefit from the ultrathin package (0.3 mm).	SP000417076
DSL 70-board	DSL 70 ESD & EMI protection	ESD and transient protection in ADSL, VDSL and other broadband applications. Preferred solution because of extremely low clamping voltage at high peak currents, lower capacitance and overall superior ESD absorption capability.	SP000417036
ESD 24VS2U board	ESD 24VS2U ESD & EMI protection	Evaluation board for ESD 24VS2U TVS, 2-channel unidirectional diode designed for ESD/transient protection on LIN/CAN-bus applications.	ESD24VS2U board
ESD 8V0 series eval board	ESD 8V0 series ESD & EMI protection	Evaluation board for the ESD 8V0 series TVS-protection diodes. These diodes are available in different packages either for single- or dual-channel protection. Please select the board version in ISAR accordingly.	SP000417056

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Board Name	Products	Description	Order No.
ESD 0P8RFL-board	ESD 0P8RFL ESD & EMI protection	Evaluation board for ESD 0P8RFL ESD-protection diodes. This diode is able to protect one RF line due to its low capacitance.	ESD8V0R1B-02LRH board
ESD 1P0RF-board	ESD 1P0RF series ESD & EMI protection	Evaluation board for ESD 1P0RF series ESD-protection diodes. This diode is able to protect one or two RF lines due to its low capacitance. It is available in different packages. Please select the board version in ISAR accordingly.	SP000417048
BGS 12A eval board	BGS 12A RF switch	A medium power RF SPDT switch in super small 0.79 x 0.54 mm² chip-sale package for medium power wireless applications up to 2.5 GHz. Can be used for example as band select switch, antenna diversity switch, bypass switch or Rx-Tx switch.	BGS12A board
BGS 12AL7-6 eval board	BGS 12AL7-6 RF switch	A medium power RF SPDT switch in tiny 1.4 x 1.26 mm² TSLP7-6 package for medium power wireless applications up to 2.5 GHz. Can be used for example as band select switch, antenna diversity switch, bypass switch or Rx-Tx switch.	BGS12AL7-6 board
BGS 12AL7-4 eval board	BGS 12AL7-4 RF switch	A medium power RF SPDT switch in 2.3 x 1.5 mm² TSLP7-4 package for medium power wireless applications up to 2.5 GHz. Can be used for example as band select switch, antenna diversity switch, bypass switch or Rx-Tx switch.	BGS12AL7-4 board
BGS 13AL12 eval board	BGS 13AL12 RF switch	A medium power RF SP3T switch with additional termination port in tiny 2.0 x 2.0 mm² TSLP12 package. Can be used for example as WCDMA diversity switch or band select switch in digital tuner applications.	BGS13AL12 board

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Board Name	Products	Description	Order No.
CAN-LIN transceivers	TLE 6250G TLE 6251G TLE 6251DS TLE 8250 Transceiver	Basic control unit to generate CAN-, LIN- and FlexRay datastreams. Plug & play, ready to use system to build up complete CAN-, LIN-, and FlexRay networks. Additional software examples are provided to allow timing measurements and to verify signal integrity.	CAN-LIN Universal Demoboard
Wireless control board	TDA 5150 SmartLEWIS™ TX Transmitter	Evaluation board for the transmitter TDA 5150. Boards for 315/434/868/915 MHz and output power of 5/10 dBm available. The TDA 5150 system interface board (TDA 5150 SIB) is required for device evaluation together with the TDA5150_X_X board.	TDA5150_315_5 board TDA5150_434_10 board TDA5150_434_5 board TDA5150_868_10 board TDA5150_915_10 board TDA5150 board TDA5150 SIB board
Wireless control USB-UWLink	TDA 5150 SmartLEWIS™ TX Transmitter	USB stick for the transmitter TDA5150 for 315/434/868/915 MHz and output power of 5/10 dBm.	TDA5150-USB-UWLink
Wireless control kit	TDK 5100 Transmitter	Evaluation kit for the transmitter TDK 5100 and receiver TDA 5210/TDA 5220 for 434/868 MHz.	TDK5100-TDA5220_434_5 TDK5100-TDA5210_868_5
Wireless control kit/ board	TDK 5100F Transmitter	Evaluation kit for the transmitter TDK 5100F and receiver TDA 5220 for 434 MHz. Evaluation board for the transmitter TDK 5100F for 434 MHz.	TDK5100F-TDA5220_434_5 TDK5100F_434_5 board

Board Name	Products	Description	Order No.
Wireless control kit	TDK 5101 Transmitter	Evaluation kit for the transmitter TDK 5101 and receiver TDA 5211/ TDA 5221 for 315 MHz.	TDK5101-TDA5211_315_5 TDK5101-TDA5221_315_5
Wireless control kit	TDK 5101F Transmitter	Evaluation kit for the transmitter TDK 5101F and receiver TDA 5221 for 315 MHz.	TDK5101F-TDA5221_315_5
Wireless control kit	TDK 5110 Transmitter	Evaluation kit for the transmitter TDK 5110 and receiver TDA 5220 for 434/868 MHz.	TDK5110-TDA5220_434_10 TDK5110-TDA5220_868_10
Wireless control kit/ board	TDK 5110F Transmitter	Evaluation kit for the transmitter TDK 5110F and receiver TDA 5210 for 434 MHz. Evaluation board for the transmitter TDK 5110F for 434 MHz.	TDK5110F-TDA5210_434_10 TDK5110F_434_10 board
Wireless control kit	TDK 5111 Transmitter	Evaluation kit for the transmitter TDK 5111 and receiver TDA 5221 for 315 MHz.	TDK5111-TDA5221_315_10
Wireless control kit	TDK 5111F Transmitter	Evaluation kit for the transmitter TDK 5111F and receiver TDA 5211 for 315 MHz.	TDK 5111F-TDA5211_315_10
Wireless control kit	TDK 5116F Transmitter	Evaluation kit for the transmitter TDK 5116F and receiver TDA 5220 for 868 MHz.	TDK5116F-TDA5220_868_10
Wireless control kit	TDA 7100 Transmitter	Evaluation kit for the transmitter TDA 7100 and receiver TDA 7200 for 434 MHz.	TDA7100-TDA7200_434 _5
Wireless control kit	TDA 7110 Transmitter	Evaluation kit for the transmitter TDA 7110 and receiver TDA 7210 for 868 MHz.	TDA7110-TDA7210_868 _10
Wireless control kit	TDA 7110F Transmitter	Evaluation kit for the transmitter TDA 7110F and receiver TDA 7210 for 434 MHz.	TDA7110F-TDA7210_434 _10
Wireless control kit	TDA 5102 Transmitter	Evaluation kit for the transmitter TDA 5102 and receiver TDA 5212 for 915 MHz.	TDA5102-TDA5212_915_5
Wireless control PMA Starter Kit	PMA 7105 SmartLEWIS™ MCU PMA 7106 SmartLEWIS™ MCU PMA 7107 SmartLEWIS™ MCU PMA 7110 SmartLEWIS™ MCU Transmitter	USB stick for evaluation of the transmitter with microcontroller family PMA 71xx for 315/434/868 MHz. LF receiver and ADC functionality are not supported.	PMAx110-315-5-USB-RF KIT PMAx110-434-5-USB-RF KIT PMAx110-868-10-USB-RF KIT

Board Name	Products	Description	Order No.
Wireless control PMA evaluation Kit	PMA 7105 SmartLEWIS™ MCU PMA 7106 SmartLEWIS™ MCU PMA 7107 SmartLEWIS™ MCU PMA 7110 SmartLEWIS™ MCU Transmitter	Enhanced development tool for the transmitter with microcontroller family PMA 71xx for 315/434/868 MHz. The evaluation board allows access to all pins for detailed measurement and supports the embedded LF receiver and ADC functionality of the SmartLEWIS™ MCU. This PMA evaluation board requires the system interface board (SmartLEWIS™ SIB) or PMA starter kit for connection to a PC.	PMA5110-315-5-board PMA5110-434-5-board PMA5110-868-10-board SmartLEWIS SIB board
Wireless control kit	TDA 5210 Receiver	Evaluation kit for the receiver TDA 5210 and transmitter TDK 5100/TDK 5110F for 434/868 MHz.	TDK5100-TDA5210_868_5 TDK5110F-TDA5210_434_10
Wireless control kit	TDA 5211 Receiver	Evaluation kit for the receiver TDA 5211 and transmitter TDK 5101/TDK 5111F for 315 MHz.	TDK5101-TDA5211_315_5 TDK 5111F-TDA5211_315_10
Wireless control kit	TDA 5212 Receiver	Evaluation kit for the receiver TDA 5212 and transmitter TDA 5102 for 915 MHz.	TDA5102-TDA5212_915_5
Wireless control kit	TDA 5220 Receiver	Evaluation kit for the receiver TDA 5220 and transmitter TDK 5100/TDK 5100F/TDK 5110/TDK 5116F for 434/868 MHz.	TDK5100-TDA5220_434_5 TDK5100F-TDA5220_434_5 TDK5110-TDA5220_434_10 TDK5110-TDA5220_868_10 TDK5116F-TDA5220_868_10
Wireless control kit	TDA 5221 Receiver	Evaluation kit for the receiver TDA 5221 and transmitter TDK 5101/TDK 5101F/TDK 5111 for 315 MHz.	TDK5101-TDA5221_315_5 TDK5101F-TDA5221_315_5 TDK5111-TDA5221_315_10
Wireless control receiver board	TDA 5230 SmartLEWIS™ RX Receiver	Evaluation board for the receiver TDA 5230 for 434/868 MHz.	TDA5230_434_5_board TDA5 230_868_5_board
Wireless control USB-UWLink	TDA 5230 SmartLEWIS™ RX Receiver	USB stick incl. RF daughterboard for the receiver TDA 5230 for 434 MHz.	TDA5230-434-USB-UWLink
Wireless control receiver board	TDA 5231 SmartLEWIS™ RX Receiver	Evaluation board for the receiver TDA 5231 for 315 MHz.	TDA5231_315_5_board
Wireless control kit	TDA 7200 Receiver	Evaluation kit for the receiver TDA 7200 and transmitter TDA 7100 for 434 MHz.	TDA7100-TDA7200_434 _5
Wireless control kit	TDA 7210 Receiver	Evaluation kit for the receiver TDA 7210 and transmitter TDA 7110 for 868 MHz.	TDA7110-TDA7210_868 _10

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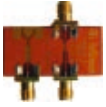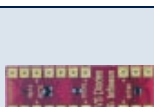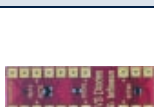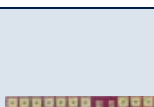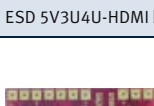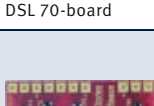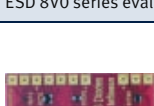
Board Name	Products	Description	Order No.
Wireless control transceiver kit	TDA 5250 Transceiver	Evaluation kit for the transceiver TDA 5250 for 868 MHz.	TDA5250-TDA5250_868 Kit
Wireless control transceiver kit	TDA 5251 Transceiver	Evaluation kit for the transceiver TDA 5251 for 315 MHz.	TDA5251-TDA5251_315 Kit
Wireless control transceiver kit	TDA 5252 Transceiver	Evaluation kit for the transceiver TDA 5252 for 915 MHz.	TDA5252-TDA5252_915 Kit
Wireless control transceiver kit	TDA 5255 Transceiver	Evaluation kit for the transceiver TDA 5255 for 434 MHz.	TDA5255-TDA5255_434 Kit
BFP 405 eval board	BFP 405 RF transistor	This board shows BFP 405 in LNA applications. Please specify the frequency (range) in your order.	BFP405 board
BFP 420 eval board	BFP 420 RF transistor	This board shows BFP 420 in LNA applications. Please specify the frequency (range) in your order.	BFP420 board
BFP 640 eval board	BFP 640 RF transistor	This board shows BFP 640 in LNA applications. Please specify the frequency (range) in your order.	BFP640 board
BFP 450 eval board	BFP 450 RF transistor	This board shows BFP 450 in LNA applications. Please specify the frequency (range) in your order.	BFP450 board
BFP 520 board	BFP 520 RF transistor	The BFP 520 transistor as a low-cost 1900 MHz LNA.	BFP520 board
BFP 720 board	BFP 720 RF transistor	This board shows new SiGe:C RF-transistor BFP 720 (SOT343 package) in LNA applications. NF of 0.5 dB possible. Please specify the frequency (range) in your order.	BFP720 board
BFP 720F board	BFP 720F RF transistor	This board shows new SiGe:C RF-transistor BFP 720F (TSFP-4 package) in LNA applications. NF of 0.5 dB possible. Please specify the frequency (range) in your order.	BFP720F board
BFR 720L3RH board	BFR 720L3RH RF transistor	This board shows new SiGe:C RF-transistor BFR 720L3RH (TSLP-3 package only 0.32 mm in height!) in LNA applications. NF of 0.5 dB possible. Please specify the frequency (range) in your order.	BFR720L3RH

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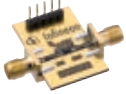
Board Name	Products	Description	Order No.
BFP 740 board	BFP 740 RF transistor	This board shows BFP 740 in LNA applications. Please specify the frequency (range) in your order.	BFP740 board
BFP 740F board	BFP 740F RF transistor	This board shows BFP 740F in LNA applications. Please specify the frequency (range) in your order.	BFP740F board
BFP 405F eval board	BFP 405F RF transistor	This board shows BFP 405F in LNA applications. Please specify the frequency (range) in your order.	BFP405F board
BFP 740L3H eval board	BFR 740L3RH RF transistor	Evaluation board for BFR 740L3RH. This board is designed as a wide-band LNA. It covers the range from 900 MHz up to 6 GHz.	BFR740L3RH board
BFP 640F board	BFP 640F RF transistor	This board shows BFP 640F in LNA applications. Please specify the frequency (range) in your order.	BFP640F board
BGA 622L7 eval board	BGA 622L7 RF MMIC	Evaluation board for BGA 622L7. BGA 622L7 is a multi-purpose LNA MMIC. This board is available for GPS or 1.8 – 2.4 GHz applications. Please specify the version in your order. AN89&90.	BGA622L7 board
BGA 628L7 eval board	BGA 628L7 RF MMIC	BGA 628L7 is a wide-band low-noise amplifier MMIC with operating frequency range of 0.4 - 6 GHz, in tiny TSLP-7-8 package. TR152.	BGA628L7 board
BFP 650F eval board	BFP 650F RF transistor	This board shows BFP 650F in LNA applications. Please specify the frequency (range) in your order.	BFP650F board
ESD 0P8RFL board	ESD 0P8RFL ESD & EMI protection	Evaluation board for ESD 0P8RFL ESD-protection diodes. This diode is able to protect one RF line due to its low capacitance.	ESD0P8RFL board
ESD 1P0RF board	ESD 1P0RF series ESD & EMI protection	Evaluation board for ESD 1P0RF series ESD-protection diodes. This diode is able to protect one or two RF lines due to its low capacitance. It is available in different packages. Please select the board version in ISAR accordingly.	SP000417050 SP000417052
ESD 0P2RF-02LRH board	ESD 0P2RF ESD & EMI protection	ESD protection for RF antennas using Infineon ESD 0P2RF. This diode is available in two packages: TSLP-2 (equivalent to 0402 inch) and TSSLP-2 (equivalent to 0201 inch).	SP000535786
ESD 0P4RFL board	ESD 0P4RFL ESD & EMI protection	ESD protection for RF antennas using Infineon ESD 0P4RFL, package is TSLP-4.	SP000417094

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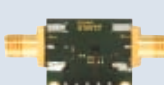
Board Name	Products	Description	Order No.
ESD 5V3S1B-02LRH board	ESD 5V3S1B-02LRH ESD & EMI protection	ESD protection of audio, speaker and headset lines with ESD 5V3S1B-02LRH diode. Special feature of this diode is ist very low clamping voltage for protection of applications operating at a maximum voltage between -5.3 V/+5.3 V.	SP000628748
ESD 5V3U1U-02LRH board	ESD 5V3U1U-02LRH ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U1U-02LRH diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables application in USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is TSLP-2 (equivalent to 0402").	SP000417042
ESD 5V3U1U-02LS board	ESD 5V3U1U-02LS ESD & EMI protection	ESD protection of digital high speed data interfaces with single line ESD 5V3U1U-02LS diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables application in USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is smallest TVS in the world: TSSLP-2 (equivalent to 0201").	SP000417046
ESD 5V3U2U-03LRH board	ESD 5V3U2U-03LRH ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U2U-03LRH diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables protection of two lines with one device in applications like USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is leadless 3-pin TSLP-3, size equivalent to 0402".	SP000417074
ESD 5V3U2U-03F board	ESD 5V3U2U-03F ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U2U-03F diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Enables protection of two lines with one device in applications like USB2.0, USB3.0, HDMI 1.3, HDMI 1.4, DisplayPort, DVI, etc. Package is 3-pin TSFP-3.	SP000417078
ESD 5V3U4RRS board	ESD 5V3U4RRS ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U4RRS array diode. This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 15 kV exceeding IEC61000-4-2 standard. It is the perfect solution for easy PCB layout and reduced component count in USB 2.0 and USB 3.0 applications. Package is SOT363.	SP000417080
ESD 5V3U4U-HDMI board	ESD 5V3U4U-HDMI ESD & EMI protection	ESD protection of digital high speed data interfaces with ESD 5V3U4U-HDMI array diode in TSLP-9 package (2.3 mm x 1 mm) This diode has ultralow capacitance of 0.4pF (1 MHz) and ESD absorption capability of 20 kV exceeding IEC61000-4-2 standard. Because of flow through package, it is the ideal solution for protection of up to 4 data lines in HDMI and DisplayPort interfaces. Other applications like SD card protection in slim & small devices greatly benefit from the ultrathin package (0.3 mm).	SP000417076
DSL 70-board	DSL 70 ESD & EMI protection	ESD and transient protection in ADSL, VDSL and other broadband applications. Preferred solution because of extremely low clamping voltage at high peak currents, lower capacitance and overall superior ESD absorption capability.	SP000417036
ESD 8V0 series eval board	ESD 8V0 series ESD & EMI protection	Evaluation board for the ESD 8V0 series TVS-protection diodes. These diodes are available in different packages either for single- or dual-channel protection. Please select the board version in ISAR accordingly.	SP000417056"
ESD 5V0 series eval board	ESD 5V0 series ESD & EMI protection	Evaluation board for ESD 5V0 series TVS-protection diodes. These diodes are available in different packages for single- or multi-channel protection. Please select the board version in ISAR accordingly.	ESD8V0L1B-02LRH board
Powertrain programmer kit	TLE 492x, TLE 498x Powertrain Hall sensor	Evaluation and programming tool for crankshaft (TLE 492x) and camshaft (TLE 498x) Hall sensors.	TLE498x Programmer Kit, SP000451572

Board Name	Products	Description	Order No.
 BGB 707L7ESD board	BGB 707L7ESD RF MMIC	This board shows new SiGe:C wideband MMIC BGB 707L7ESD (ultra low noise, 4 kV at RF_in, power-off, current adjust, TSLP-7-1 package) in LNA applications. NF of 0.5 dB possible. Please specify the frequency (range) in your order.	BGB707L7ESD board
 BGB 717L7ESD board	BGB 717L7ESD RF MMIC	This board shows new SiGe:C wideband MMIC BGB 717L7ESD (ultra low noise, 4 kV at RF_in, power-off, TSLP-7-1 package, Avago pin configuration) in LNA applications. NF of 0.5 dB possible. Please specify the frequency (range) in your order.	BGB717L7ESD board
 BGB 741L7ESD board	BGB 741L7ESD RF MMIC	This board shows new SiGe:C broadband MMIC BGB 741L7ESD (low noise, 4 kV at RF_in, power-off, current adjust, integrated feedback, TSLP-7-1 package) in LNA applications. NF of 0.5 dB possible. Please specify the frequency (range) in your order.	BGB741L7ESD board
 BGA 615L7 board	BGA 615L7 RF MMIC	Evaluation board for BGA 615L7. BGA 615L7 is a high-gain low-noise LNA MMIC for GPS with a NF of only 0.9 dB. AN91.	BGA615L7 board
 BGA 461 board	BGA 461 RF MMIC	Evaluation board for BGA 461. BGA 461 is a low-cost low-current LNA MMIC for GPS application, gain 19.5 dB, NF 1.1 dB, Icc 4 mA.	BGA461 board
 BGA 715L7 board	BGA 715L7 RF MMIC	Evaluation board for BGA 715L7. BGA 715L7 is a best-in-class LNA MMIC for GPS application, gain 20 dB, NF 0.6 dB or 0.75 dB. Please specify the version in your order. AN161.	BGA715L7 board
 BGM 781N11	BGM 781N11 RF MMIC	Evaluation board for BGM 781N11. BGM 781N11 is a GPS FEM LNA MMIC with pre-filter, LNA and post-filter integrated in one package. TR138, TR139, TR143, TR144, TR145, AN184.	BGM781N11 board
 BGA 728L7 board	BGA 728L7 RF MMIC	Evaluation board for BGA 728L7. BGA 728L7 is a broadband low noise amplifier for portable and mobile TV applications. This board is available for UHF and 'UHF+VHF'. Please specify the version in your order. AN163.	BGA728L7 board
 BGA 428 eval board	BGA 428 RF MMIC	Evaluation board for BGA 428. BGA 428 is a low-cost LNA MMIC. This board is available for GPS and 1900 MHz applications. Please specify the version in your order. AN62.	BGA428 board
 BGA 622 eval board	BGA 622 RF MMIC	Evaluation board for BGA 622. BGA 622 is a low-cost multi-purpose LNA MMIC. This board is available for GPS or 1.8 – 2.4 GHz applications. Please specify the version in your order. AN69.	BGA622 board
 BGS 12A eval board	BGS 12A RF switch	A medium power RF SPDT switch in super small 0.79 x 0.54 mm^2 chip-sale package for medium power wireless.	BGS12A board

Board Name	Products	Description	Order No.
BGS 12AL7-6 eval board	BGS 12AL7-6 RF switch	applications up to 2.5 GHz. Can be used for example as band select switch, antenna diversity switch, bypass switch or Rx-Tx switch.	BGS12AL7-6 board
BGS 12AL7-4 eval board	BGS 12AL7-4 RF switch	A medium power RF SPDT switch in 2.3 x 1.5 mm² TSLP7-4 package for medium power wireless applications up to 2.5 GHz. Can be used for example as band select switch, antenna diversity switch, bypass switch or Rx-Tx switch.	BGS12AL7-4 board
BGS 13AL12 eval board	BGS 13AL12 RF switch	A medium power RF SP3T switch with additional termination port in tiny 2.0 x 2.0 mm² TSLP12 package. Can be used for example as WCDMA diversity switch or band select switch in digital tuner applications.	BGS13AL12 board
BGA 734L16 eval board	BGA 734L16 RF MMIC	Evaluation board for BGA 734L16. BGA 734L16 is a triple-band UMTS LNA with adjustable band combination. It provides two gain modes and on/off function and supports the transceiver with a date rate of 3.6 Mbits/s.	BGA734L16 board
BGA 736L16 eval board	BGA 736L16 RF MMIC	Evaluation board for BGA 736L16. BGA 736L16 is a triple-band UMTS LNA with adjustable band combination. It provides three gain levels and on/off function and supports the transceiver with a data rate of 7.2 Mbits/s.	BGA736L16 board
BGA735N16 eval board	BGA 735L16 RF MMIC	Evaluation board for BGA 735L16. BGA 736L16 is a triple-band UMTS LNA with adjustable band combination. It provides two gain modes and on/off function and supports the transceiver with a data rate of 14.4 Mbits/s.	BGA735N16 board
BGA 751L7 eval board	BGA 751L7 RF MMIC	Evaluation board for BGA 751L7. BGA 751L7 is a single-band UMTS LNA for band V/VI. It provides two gain-levels and on/off function, supports the transceiver with the date rate of 14.4 Mbits/s.	BGA751L7 board
BGA 758L7 eval board	BGA 758L7 RF MMIC	BGA758L7 is a low noise amplifier MMIC for 5-6 GHz WLAN application, in tiny TSLP-7-8 package.	BGA 758L7 board
BGA 711L7 eval board	BGA 711L7 RF MMIC	Evaluation board for BGA 711L7 is a single wide-band UMTS LNA covering all frequencies 1.85 ... 2.62 GHz. It provides two gain modes and on/off function and supports the transceiver with a data rate of 14.4 Mbits/s.	BGA711L7 board
BGA 777L7 eval board	BGA 777L7 RF MMIC	BGA 777L7 is a low-current, single-band, low-noise amplifier MMIC for UMTS bands 7, 38 and 40 with frequency range 2.3 - 2.7 GHz.	BGA 777L7 board
BFP 650 eval board	BFP 650 Transistor	PCS, GPS, Bluetooth, 2.4 GHz WLAN, SDARS LNA (2-stage 6 GHz WLAN LNA). This board shows BFP 650 in LNA applications. Please specify the frequency (range) in your order.	BFP650 board

Board Name	Products	Description	Order No.
KIT_XC866_SK	XC800 family XC866 Microcontroller	Evaluation kit for the XC866 including documentation, compiler, debugger, DAVE™ mother system v2.1, cables and U-link.	KIT_XC866_SK
KIT_XC888_SK	XC800 family XC886CM Microcontroller	Evaluation kit for the XC886/888 including documentation, compiler, debugger and DAVE™ mother system v2.1.	KIT_XC888_SK
KIT_C515C_SK	C515C Microcontroller	Evaluation kit for the C515 including documentation, compiler and debugger.	KIT_C515C_SK
Easy kit XC822	XC822 Microcontroller	- USB cable, CDROM, XC822-TSSOP16 hardware board, high power LED module and technical documentation (user manual, data sheets, board documentation, Errata sheets) - Free development tools: DAVE™ Bench (compiler, debugger, Flash loader) - Examples with hands-on training - Application	KIT_XC822_EK_V1
Easy kit XC864	XC864 Drive kit	Evaluation kit for the XC864 including documentation, compiler, debugger, operating system, parallel cable and one extension board.	KIT_XC864_EK_V1

Board Name	Products	Description	Order No.
KIT_AK_XC800_FOC_V1	XC886 Drive kit	Field-oriented-control (FOC) evaluation kit based on XC886/888 including documentation, ready-to-use FOC software, compiler, debugger, USB-CAN interface, DAVE™ mother system and a 24 V PMSM motor.	KIT_AK_XC800_FOC_V1
vKIT_AK_BLDC_MDB_V1	XC866 Drive kit	Motor control demo kit for block commutation (20 ~ 45 V, 0 ~ 16 A) on BLDC motors.	KIT_AK_BLDC_MDB_V1
KIT_AK_XC866_LIN_STEPPER	XC866 Drive kit	XC866 LIN stepper motor kit: To jump start stepper motor design and provide an introduction to the Local Interconnect Network (LIN) protocol, Infineon offers the XC866 LIN stepper motor application kit.	KIT_AK_XC866_LIN_STEPPER
KIT_AK_DaveDrive_V3	XC886/888 family Drive kit	Scalable low voltage PMSM motor driver kit with DAVE™ Drive auto code generator. Uses the full power of Infineon microcontrollers, e.g. it generates optimized FOC code for XC878 using a vector computer and XE164 with MAC unit supporting single cycle 16 x 16 bit multiplication and accumulation. This usually requires expert knowledge in both motor control and assembler programming.	KIT_AK_DaveDrive_V3
BLDC (brushless DC) application kit	XC866 Drive kit	12 V BLDC application kit: pp to 20 A BLDC motor, inverter, MCU (XC866). Free compiler (SDCC) and debugger (HITOP). Tutorial videos demonstrating how to use the kit.	KIT_AK_XC866_BLDC
FOC drive application kit	XC878, XE164F Drive kit	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23 V - 56 V, 7.5 A. 15 W PMSM motor and plug-in 24 V power supply. Using Infineon 6ED003L06 gate driver, BSC 196N10 MOSFETs, CoolSET™ ICE 3B0565 power supply and TLE 4264 LDO. Software package including source code. Sensorless FOC of PMSM with XE164. Sensorless FOC of PMSM with XC878.	KIT_AK_FOCDRIVE_V1
Dual motor drive application kit	XC878, XE164F Drive kit	XC878 with vector computer, XE164 real time signal controller with MAC unit. Power board 23 V - 56 V, 7.5A. 15 W PMSM motor and plug-in 24 V power supply. Using Infineon 6ED003L06 gate driver, BSC 196N10 MOS-FETs, CoolSET™ ICE 3B0565 power supply and TLE 4264 LDO. Software package including source code. Simultaneous control of two PMSMs with sensorless FOC & digital PFC with XE164. Sensorless FOC & digital PFC with XC878. V/f control of ACIM for quick evaluation.	KIT_AK_2MOTORDRIVE_V1
Automotive BLDC motor drive kit 12 V	XC22xxN – series XC88x – series Drive kit	Key features: scalable 3-phase inverter, example code: FOC & V/f for XC886 and XC2238N, Integrated protection features for high system reliability, complete IDE software packages included, easy installation, plug & play included: TLE 7184F power board (12V...24V/20A), BLDC / PMSM motor, AC/DC power-supply (12V/2A), XC886 (8-bit) drive-card with 16-bit, arithmetic, XC2238N (16-bit) drive card, capable of running FOC code, USB drive-monitor, CD-Rom with software & documentation, cables and connectors	KIT_AK_TLE7184_V1
Easy kit XC878	XC878 Drive kit	Evaluation kit for the XC878 including documentation, compiler, debugger, operating system, parallel cable and one extension board.	KIT_XC878_EK_V1
Easy kit XE162FN	XE162FN Drive kit	Evaluation kit for the XE162FN including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE162FN_V1
Easy kit XE164FN	XE164FN Drive kit	Evaluation kit for the XE162FN including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE164FN_V1

Board Name	Products	Description	Order No.
Easy kit XE162FM	XE162FM Drive kit	Evaluation kit for the XE162FM including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE162FM_EK_V1
Easy kit XE164FM	XE164FM Drive kit	Evaluation kit for the XE164FM including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE164FM_EK_V1
Easy kit XE167FM	XE167FM Drive kit	Evaluation kit for the XE167FM including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE167FM_EK_V1
Easy kit XE167FH	XE167FH Drive kit	Evaluation kit for the XE167FH including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE167FH_EK_V1
Easy kit XE169FH	XE169FH Microcontroller	Evaluation kit for the XE169FH including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XE169FH_EK_V1
KIT_C167CS_SK	C167CS Microcontroller	Evaluation kit for the C167CS including documentation, compiler and debugger.	KIT_C167CS_SK
KIT_XC167CI_EK_V3	XC167CI Microcontroller	Evaluation kit for the XC167CI including documentation, compiler, debugger, DAVE™ mother system v2.1 and a Flash programming tool.	KIT_XC167CI_EK_V3
SK-XC164CM_EK_V3	XC164CM Microcontroller	Evaluation kit for the XC164CM including documentation, compiler, debugger, DAVE™ mother system v2.1 and a Flash programming tool.	KIT_XC164CM_EK_V3
KIT_XC164CS_EK_V3	XC164CS Microcontroller	Evaluation kit for the XC164CS including documentation, compiler, debugger, DAVE™ mother system v2.1 and a Flash programming tool.	KIT_XC164CS_EK_V3
KIT_XE164F_EK_V1	XE164F Microcontroller	Evaluation kit for the XE164 including documentation, compiler, debugger, DAVE™ mother system v2.1 and a Flash programming tool.	KIT_XE164F_EK_V1
KIT_XE167F_EK_V1	XE167F Microcontroller	Evaluation kit for the XE167 including documentation, compiler, debugger, DAVE™ mother system v2.1 and a Flash programming tool.	KIT_XE167F_EK_V1

Board Name	Products	Description	Order No.
Easy kit XC2336B	Automotive safety applications 233x B-Series TQFP-64

Microcontroller | Evaluation kit for the XC2336B including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2336B_SK |
| Easy kit XC2365B | Automotive safety applications 236x B-Series TQFP-100

Microcontroller | Evaluation kit for the XC2365B including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2365B_SK |
| Easy kit XC2238N | Automotive body applications XC223x N-Series TQFP-64

Microcontroller | Evaluation kit for the XC2238N including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2238N_SK |
| Easy kit XC2268N | Automotive body applications XC226x N-series TQFP-100

Microcontroller | Evaluation kit for the XC2268N including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2268N_SK |
| Easy kit XC2734X | Automotive powertrain applications 2734 X-Series TQFP-64

Microcontroller | Evaluation kit for the XC2734X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2734X_SK |
| Easy kit XC2764X | Automotive powertrain applications 2764 X-Series TQFP-100

Microcontroller | Evaluation kit for the XC2764X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2764X_SK |
| Easy kit XC2336A | Automotive safety applications 233x A-Series TQFP-64

Microcontroller | Evaluation kit for the XC2336A including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2336A_SK |
| Easy kit XC2365A | Automotive safety applications 236x A-Series TQFP-100

Microcontroller | Evaluation kit for the XC2365A including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2365A_SK |
| Easy kit XC2387A | Automotive safety applications 238x A-Series TQFP-144

Microcontroller | Evaluation kit for the XC2387A including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2387A_SK |
| Easy kit XC2237M | Automotive body applications XC223x M-Series TQFP-64

Microcontroller | Evaluation kit for the XC2237M including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2237M_SK |
| Easy kit XC2267M | Automotive body applications XC226x M-Series TQFP-100

Microcontroller | Evaluation kit for the XC2267M including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging. | KIT_XC2267M_SK |

Board Name	Products	Description	Order No.
Easy kit XC2287M	Automotive body applications XC228x M-Series TQFP-144 Microcontroller	Evaluation kit for the XC2287M including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2287M_SK
Easy kit XC2765X	Automotive powertrain applications 2765 X-Serie TQFP-100 Microcontroller	Evaluation kit for the XC2765X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2765X_SK
Easy kit XC2785X	Automotive powertrain applications 2785 X-Series TQFP-144 Microcontroller	Evaluation kit for the XC2785X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2785X_SK
Easy kit XC2365	Automotive safety applications XC236 X-Series TQFP-100 Microcontroller	Evaluation kit for the XC2365 including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2365_SK
Easy kit XC2267	Automotive body applications XC226 X-Series TQFP-100 Microcontroller	Evaluation kit for the XC2267 including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2267_SK
Easy kit XC2287	Automotive body applications XC228 V-Series TQFP-144 Microcontroller	Evaluation kit for the XC2287 including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2287_SK
Easy kit XC2766X	Automotive powertrain applications 2766 X-Series TQFP-100 Microcontroller	Evaluation kit for the XC2766X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2766X_SK
Easy kit XC2786X	Automotive powertrain applications 2786 X-Series TQFP-144 Microcontroller	Evaluation kit for the XC2786X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2786X_SK
Easy kit XC2388C	Automotive safety applications 238x C-Series TQFP-144 Microcontroller	Evaluation kit for the XC2388C including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2388C_SK
Easy kit XC2288H	Automotive body applications XC228 X H-Series TQFP-144 Microcontroller	Evaluation kit for the XC2288H including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2288H_SK
Easy kit XC2298H	Automotive body applications XC229x H-Series TQFP-176 Microcontroller	Evaluation kit for the XC2298H including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2298H_SK
Easy kit XC2787X	Automotive powertrain applications 2787 X-Series TQFP-144 Microcontroller	Evaluation kit for the XC2787X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2787X_SK

Board Name	Products	Description	Order No.
Easy kit XC2797X	Automotive powertrain applications 2797 X-Series TQFP-176 Microcontroller	Evaluation kit for the XC2797X including Getting Started, DAVE™, technical documentation, compiler and debugger. USB cable for power supply, virtual COM port and Flash programming and debugging.	KIT_XC2797X_SK
UConnect XC2238N	Automotive body applications XC223x N-Series TQFP-64 Microcontroller	The UConnect XC2238N is a low-cost USB stick providing full evaluation capability for the XC2000 16-bit family of microntrollers. The kit includes development toolchains, demos, a CANopen EVA version and tutorials for quick installation and ease of. The UConnect USB stick comes with a CAN extension board.	KIT_XC2238N_ UCONNECT_USB
Power easy kit XC2287	XC2287 Microcontroller	Combines microcontroller easy kit XC2287 with interface to other demo boards (to be ordered separately). Enables quick start for software evaluation for driving external power outputs placed demo boards plugged onto the power easy kit. E.g. this can be used as a universal body control module system evaluation tool.	Power Easy Kit
KIT_TC1130_SK_V1.5	TC1130 Microcontroller	Evaluation kit for the TC1130 including Getting Started, technical documentation, evaluation versions for compiler and debugger. cable, power supply and extension board.	KIT_TC1130_SK_V1.5
SK TC116x-series starter kit	TC116x family Microcontroller	Evaluation kit for the TC116x including documentation, compiler, debugger, operating system, cable and one extension board.	KIT_TC116x_SK
Easy kit TC1766	TC1762, TC1766 Microcontroller	Evaluation kit for the TC1762 and TC1766 including documentation, compiler, debugger, operating system, parallel cable and one extension board.	KIT_TC1766_SK
Easy kit TC1767	TC1167, TC1767 Microcontroller	Evaluation kit for the TC1167 and TC1767 including Getting Started, technical documentation, evaluation versions for compiler and debugger, USB cable, power supply and extension board.	KIT_TC1767_SK
Easy kit TC1796	TC1796 Microcontroller	Evaluation kit for the TC1796 including documentation, compiler, debugger, operating system, parallel cable and one extension board.	KIT_TC1796_SK
Easy kit TC1797	TC1797, TC1197 Microcontroller	Evaluation kit for the TC1797 and TC1197 including Getting Started, technical documentation, evaluation versions for compiler and debugger, USB cable, power supply and extension board.	KIT_TC1797_SK
XC800 USCALE start kit	XC866, XC886, XC888 Microcontroller	The XC800 USCALE kit is a low-cost USB stick providing full evaluation capability for the XC866, XC886 and XC888 8-bit family of microcontrollers, all on a single platform. The kit includes development toolchains, demos and tutorials for quick installation and ease of use as well as access to the key features and hardware signals of each of the three microcontrollers for more extensive benchmarking and evaluation.	KIT_XC800_ USCALE_USB
XC164CM U CAN start kit	XC166 family XC164CM	USB stick for XC164CM including tasking compiler, HITEX HiTop debugger and TwinCAN demonstration programs.	KIT_XC164CM_ UCAN_USB
UConnect-CAN XE164	XE164F Microcontroller	The UConnect XE164 is a low-cost USB stick providing full evaluation capability for the new XE166 16 bit family of microcontrollers. The kit includes development toolchains, demos, a CANopen EVA version and tutorials for quick installation and ease of. The UConnect USB stick comes with a CAN extension board.	KIT_XE164_ UConnect_USB
KIT_DAP_ MINIWIGGLER_USB	Debugging tool for all microcontrollers supporting the DAP interface Microcontroller	The miniWiggler is Infineon's high-performance and cost-efficient debugging tool for the future. On the host side, it has a USB interface, which is available on every computer. On the device side, the communication goes over Infineon 10-pin DAP or 16-pin OCDSL1 interfaces. The miniWiggler has been designed specifically to work in combination with Infineon's Debug Access Software (DAS).	KIT_DAP_ MINIWIGGLER_USB

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