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CY3280-20x66 Universal CapSense Controller Kit

Last Updated: 02/08/2012

The CY3280-20x66 Universal CapSense Controller Kit is designed for easy prototyping and debug of 20xx6A CapSense Family designs with pre-defined control circuitry and plug-in hardware.
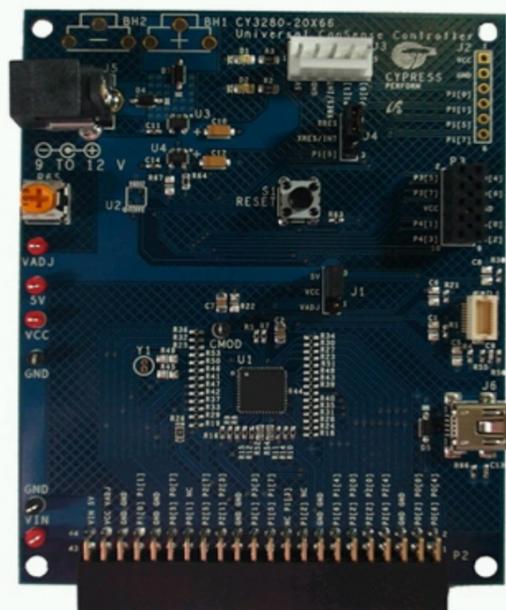
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CY3280-20x66 Kit Content:

- CY3280-20x66 CapSense Controller Board
- CY3240-I2USB Bridge
- CY3210 MiniProg1 Programmer
- USB 2.0 Retractable Cable
- CY3280-20x66 Kit CD

Hardware Description

The CY3280-20X66 CapSense Controller Kit is designed for easy prototyping and debug of 20x6A CapSense Family designs with pre-defined control circuitry and plug-in hardware. Programming hardware is included as well as an I2C-to-USB bridge for tuning and data acquisition. This module connects to any CY3280 Universal CapSense Module Board.

Hardware Required to Use This Kit

Any of the following CY8C3280 Universal CapSense Controller Boards:

- CY3280-BMM Matrix Button Module
- CY3280-BSM Simple Button Module
- CY3280-SLM Linear Slider Module
- CY3280-SRM Radial Slider Module
- CY3280-BBM Breadboard Module

Related Example Projects:

- CapSense® Matrix Buttons using SmartSense™ CSDAUTO on CY8C20xx6A (works with CY3280-BMM) (works with CY3280-BSM)
- CapSense® Buttons using SmartSense™ CSDAUTO on CY8C20xx6A (works with CY3280-BSM)
- CapSense® Buttons and Slider using SmartSense™ CSDAUTO on CY8C20xx6A (works with CY3280-SLM)

Software Title	Description	Link
PSoC Designer	This kit requires PSoC Designer for development	[Download]
PSoC Programmer	This kit requires PSoC Programmer for programming	[Download]

Related Files

File Title	Language	File Size	Last Updated
CY3280-20x66 Board Design Files.zip	English	2 MB	11/20/2011
CY3280-20x66 Kit Installer (Single Package) ⬇	English	309 MB	07/08/2011
CY3280-20x66 Universal CapSense Controller Kit (Rev *A) (Kit plus Designer SW) (ISO) ⬇	English	666 MB	07/01/2011
CY3280-20x66 Universal CapSense Controller Kit (Rev *A) (Kit Only) (EXE) ⬇	English	15 MB	07/01/2011
CY3280-20x66 - Release Notes.pdf	English	142 KB	06/17/2011
CY3280-20x66 Kit Guide.pdf	English	5 MB	06/16/2011
CY3280-20x66 QuickStart.pdf	English	970 KB	03/16/2011
ExampleProjects.zip	English	4 MB	03/14/2011
I2USB_Bridge_ConfigFiles.zip	English	3 KB	04/01/2010
CY3280-20x66 Kit Errata.pdf	English	41 KB	08/28/2009
CY8C20xx6.pdf	English	701 KB	08/28/2009

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Low/intermittent bandwidth users tip: Firefox and Chrome browsers will allow downloads to be resumed if your connection is lost during download.

Related Resources

Code Examples	Last Updated
CE56996 - CapSense® Buttons using SmartSense™ on CY8C20xx6A	09/05/2012
CE56994 - CapSense® Buttons and Slider Using SmartSense™ on CY8C20xx6A	09/05/2012
CE56995 - CapSense® Matrix Buttons Using SmartSense™ on CY8C20xx6A	09/05/2012

Development Kits/Boards	Last Updated
CY3280-22x45 Universal CapSense Controller Board	09/05/2012
PSoC® 1 Kits	08/14/2012
CY3280-BK1 Universal CapSense Controller - Basic Kit 1	06/11/2012
CY3280-CPM1 CapSensePlus Module	02/27/2012
CY3280-SLM Linear Slider Module Kit	02/09/2012
CY3280-BMM Matrix Button Module Kit	02/09/2012
CY3280-BBM Universal CapSense Prototyping Module Kit	02/09/2012
CY3280-SRM Radial Slider Module Kit	02/09/2012
CY3280-24x94 Universal CapSense Controller Board	02/08/2012
CY3280-20x66 Universal CapSense Controller Kit	02/08/2012
CY3280-BSM Simple Button Module Kit	02/08/2012