

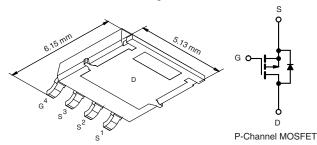
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Vishay Siliconix

# Automotive P-Channel 80 V (D-S) 175 °C MOSFET

PRODUCT SUMMARY	
V <sub>DS</sub> (V)	- 80
$R_{DS(on)}$ ( $\Omega$ ) at $V_{GS} = -10 \text{ V}$	0.025
$R_{DS(on)}(\Omega)$ at $V_{GS} = -6 \text{ V}$	0.029
I <sub>D</sub> (A)	- 32
Configuration	Single

### PowerPAK® SO-8L Single



#### **FEATURES**

- Halogen-free According to IEC 61249-2-21 Definition
- TrenchFET® Power MOSFET
- AEC-Q101 Qualifiedd
- 100 % Rq and UIS Tested
- Compliant to RoHS Directive 2002/95/EC





COMPLIANT HALOGEN FREE

ORDERING INFORMATION	
Package	PowerPAK SO-8L
Lead (Pb)-free and Halogen-free	SQJ469EP-T1-GE3

ABSOLUTE MAXIMUM RATINGS	(10 = 20 0, arriod		, 		
PARAMETER		SYMBOL	LIMIT	UNIT	
Drain-Source Voltage		$V_{DS}$	- 80	V	
Gate-Source Voltage		$V_{GS}$	± 20		
Continuous Drain Currenta	T <sub>C</sub> = 25 °C	I <sub>D</sub>	- 32		
Continuous Drain Current	T <sub>C</sub> = 125 °C		- 24		
Continuous Source Current (Diode Conduction)a		I <sub>S</sub>	- 32	Α	
Pulsed Drain Current <sup>b</sup>		I <sub>DM</sub>	- 128		
Single Pulse Avalanche Current		I <sub>AS</sub>	- 45		
Single Pulse Avalanche Energy	L = 0.1 mH	E <sub>AS</sub>	101	mJ	
Maximum Power Dissipation <sup>b</sup>	T <sub>C</sub> = 25 °C	Pn	100	w	
Maximum Fower Dissipation	T <sub>C</sub> = 125 °C	rD	33		
Operating Junction and Storage Temperature Range		T <sub>J</sub> , T <sub>stg</sub>	- 55 to + 175	°C	
Soldering Recommendations (Peak Temperature) <sup>e, f</sup>			260		

THERMAL RESISTANCE RATINGS				
PARAMETER		SYMBOL	LIMIT	UNIT
Junction-to-Ambient	PCB Mount <sup>c</sup>	$R_{thJA}$	65	°C/W
Junction-to-Case (Drain)		$R_{thJC}$	1.5	C/VV

## Notes

- a. Package limited.
- b. Pulse test; pulse width  $\leq$  300 µs, duty cycle  $\leq$  2 %.
- c. When mounted on 1" square PCB (FR4 material).
- d. Parametric verification ongoing.
- e. See solder profile (<a href="https://www.vishay.com/doc?73257">www.vishay.com/doc?73257</a>). The PowerPAK SO-8L. The end of the lead terminal is exposed copper (not plated) as a result of the singulation process in manufacturing. A solder fillet at the exposed copper tip cannot be guaranteed and is not required to ensure adequate bottom side solder interconnection.
- f. Rework conditions: manual soldering with a soldering iron is not recommended for leadless components.



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PARAMETER	SYMBOL	TEST CONDITIONS		MIN.	TYP.	MAX.	UNIT
Static	1	•			·	ı	<u> </u>
Drain-Source Breakdown Voltage	V <sub>DS</sub>	V <sub>GS</sub> :	= 0, I <sub>D</sub> = - 250 μA	- 80	-	-	V
Gate-Source Threshold Voltage	V <sub>GS(th)</sub>	V <sub>DS</sub> =	V <sub>GS</sub> , I <sub>D</sub> = - 250 μA	- 1.5	- 2.0	- 2.5	V
Gate-Source Leakage	I <sub>GSS</sub>	V <sub>DS</sub> =	0 V, V <sub>GS</sub> = ± 20 V	-	-	± 100	nA
		V <sub>GS</sub> = 0 V	V <sub>DS</sub> = - 80 V	-		- 1	
Zero Gate Voltage Drain Current	I <sub>DSS</sub>	$V_{GS} = 0 V$	V <sub>DS</sub> = - 80 V, T <sub>J</sub> = 125 °C	-	-	- 50	μA
		$V_{GS} = 0 V$	V <sub>DS</sub> = - 80 V, T <sub>J</sub> = 175 °C	-	-	- 150	
On-State Drain Current <sup>a</sup>	I <sub>D(on)</sub>	V <sub>GS</sub> = - 10 V	V <sub>DS</sub> = -5 V	- 30	-	-	Α
		V <sub>GS</sub> = - 10 V	I <sub>D</sub> = - 10.2 A	-	0.021	0.025	Ω
Drain-Source On-State Resistance <sup>a</sup>		V <sub>GS</sub> = - 10 V	T <sub>J</sub> = 125 °C	-	0.036	0.043	
Drain-Source On-State Resistance	R <sub>DS(on)</sub>	V <sub>GS</sub> = - 10 V	T <sub>J</sub> = 175 °C	-	0.045	0.054	
		V <sub>GS</sub> = - 6 V	I <sub>D</sub> = - 8.1 A	-	0.024	0.029	
Forward Transconductanceb	9 <sub>fs</sub>	V <sub>DS</sub> = - 15 V, I <sub>D</sub> = - 10.2 A		-	35	-	S
Dynamic <sup>b</sup>							
Input Capacitance	C <sub>iss</sub>			-	4250	5100	pF
Output Capacitance	C <sub>oss</sub>	$V_{GS} = 0 V$	V <sub>DS</sub> = - 40 V, f = 1 MHz	-	250	300	
Reverse Transfer Capacitance	C <sub>rss</sub>			-	215	260	
Total Gate Charge <sup>c</sup>	Qg			-	101	155	nC
Gate-Source Charge <sup>c</sup>	Q <sub>gs</sub>	V <sub>GS</sub> = - 10 V	$V_{DS} = -40 \text{ V}, I_{D} = -10.2 \text{ A}$	-	13	-	
Gate-Drain Charge <sup>c</sup>	$Q_{gd}$			-	21	-	
Gate Resistance	R <sub>g</sub>	f = 1 MHz		1.8	3.2	4.6	Ω
Turn-On Delay Time <sup>c</sup>	t <sub>d(on)</sub>			-	16	20	
Rise Time <sup>c</sup>	t <sub>r</sub>	$V_{DD} = -40 \text{ V}, R_L = 4.9 \Omega$ $I_D \cong -8.1 \text{ A}, V_{GEN} = -10 \text{ V}, R_g = 1 \Omega$		-	16	20	ns
Turn-Off Delay Time <sup>c</sup>	t <sub>d(off)</sub>			-	150	180	
Fall Time <sup>c</sup>	t <sub>f</sub>	7		-	40	50	
Source-Drain Diode Ratings and Char	acteristics <sup>b</sup>						
Pulsed Current <sup>a</sup>	I <sub>SM</sub>			-	-	- 128	Α
Forward Voltage	V <sub>SD</sub>	I <sub>F</sub> =	- 8.1 A, V <sub>GS</sub> = 0	-	- 0.8	- 1.2	V

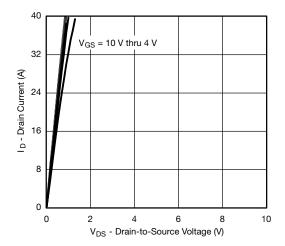
## Notes

- a. Pulse test; pulse width  $\leq$  300 µs, duty cycle  $\leq$  2 %.
- b. Guaranteed by design, not subject to production testing.
- c. Independent of operating temperature.

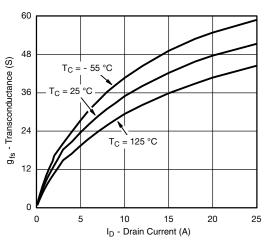
Stresses beyond those listed under "Absolute Maximum Ratings" may cause permanent damage to the device. These are stress ratings only, and functional operation of the device at these or any other conditions beyond those indicated in the operational sections of the specifications is not implied. Exposure to absolute maximum rating conditions for extended periods may affect device reliability.



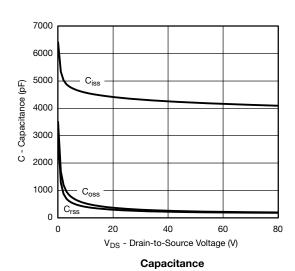
## TYPICAL CHARACTERISTICS (T<sub>A</sub> = 25 °C, unless otherwise noted)

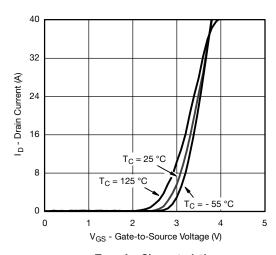


### **Output Characteristics**

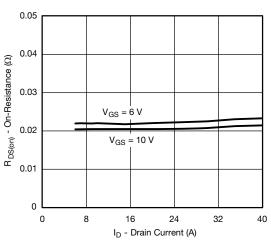


## Transconductance

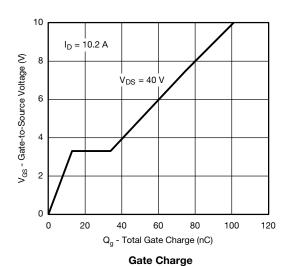




#### **Transfer Characteristics**

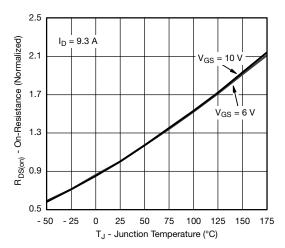


## On-Resistance vs. Drain Current

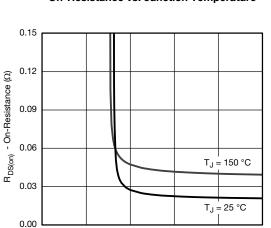




## **TYPICAL CHARACTERISTICS** (T<sub>A</sub> = 25 °C, unless otherwise noted)



On-Resistance vs. Junction Temperature



 $\label{eq:VGS} V_{GS} \text{ - Gate-to-Source Voltage (V)}$  On-Resistance vs. Gate-to-Source Voltage

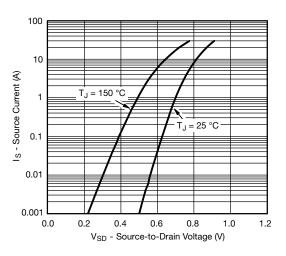
4

0

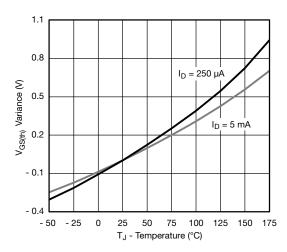
6

8

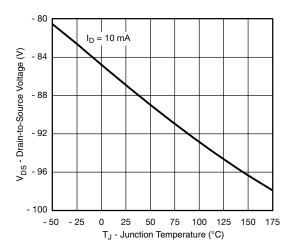
10



Source Drain Diode Forward Voltage



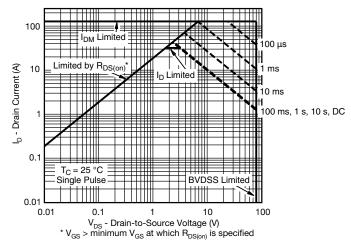
**Threshold Voltage** 



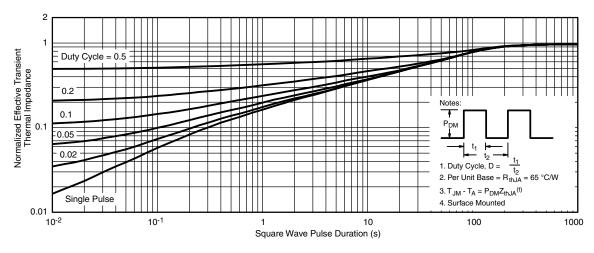
**Drain-Source Breakdown vs. Junction Temperature** 



## **THERMAL RATINGS** (T<sub>C</sub> = 25 °C, unless otherwise noted)



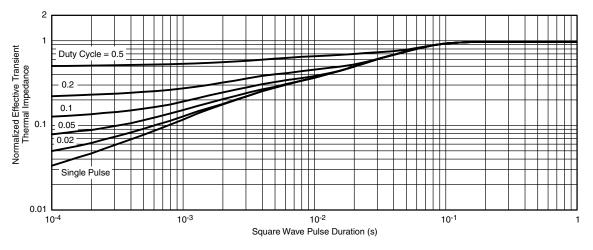
Safe Operating Area



Normalized Thermal Transient Impedance, Junction-to-Ambient

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## THERMAL RATINGS (T<sub>C</sub> = 25 °C, unless otherwise noted)



#### Normalized Thermal Transient Impedance, Junction-to-Case

#### Note

- The characteristics shown in the two graphs
  - Normalized Transient Thermal Impedance Junction-to-Ambient (25 °C)
  - Normalized Transient Thermal Impedance Junction-to-Case (25 °C)

are given for general guidelines only to enable the user to get a "ball park" indication of part capabilities. The data are extracted from single pulse transient thermal impedance characteristics which are developed from empirical measurements. The latter is valid for the part mounted on printed circuit board - FR4, size 1" x 1" x 0.062", double sided with 2 oz. copper, 100 % on both sides. The part capabilities can widely vary depending on actual application parameters and operating conditions.

Vishay Siliconix maintains worldwide manufacturing capability. Products may be manufactured at one of several qualified locations. Reliability data for Silicon Technology and Package Reliability represent a composite of all qualified locations. For related documents such as package/tape drawings, part marking, and reliability data, see <a href="https://www.vishay.com/ppg?65936">www.vishay.com/ppg?65936</a>.



# PowerPAK® SO-8L

Ordering codes for the SQ rugged series power MOSFETs in the PowerPAK SO-8L package:

SQJ200EP   SQJ200EPTIGE3     SQJ202EPTIGE3   SQJ202EPTIGE3     SQJ401EP   SQJ401EPTIGE3     SQJ402EPTIGE3   SQJ402EPTIGE3     SQJ402EPTIGE3   SQJ403EEPTIGE3     SQJ403EEPTIGE3   SQJ403EEPTIGE3     SQJ403EPTIGE3   SQJ403EPTIGE3     SQJ410EP   SQJ410EPTIGE3     SQJ410EPTIGE3   SQJ412EPTIGE3     SQJ412EP   SQJ412EPTIGE3     SQJ412EPTIGE3   SQJ412EPTIGE3     SQJ43EPTIGE3   SQJ43EPTIGE3     SQJ43EPTIGE3   SQJ43EPTIGE3     SQJ43EPTIGE3   SQJ43EPTIGE3     SQJ43EPTIGE3   SQJ43EPTIGE3     SQJ43EPTIGE3   SQJ43EPTIGE3     SQJ43EPTIGE3   SQJ43EPTIGE3     SQJ44SEP   SQJ45EPTIGE3     SQJ44SEPTIGE3   SQJ44SEPTIGE3     SQJ44SEPTIGE3   SQJ44SEPTIGE3     SQJ44SEPTIGE3   SQJ44SEPTIGE3     SQJ44SEPTIGE3   SQJ44SEPTIGE3     SQJ46GEP   SQJ46GEPTIGE3     SQJ46GEPTIGE3   SQJ46GEPTIGE3     SQJ46GEPTIGE3   SQJ46GEPTIGE3     SQJ46GEPTIGE3   SQJ46GE	DATASHEET PART NUMBER	OLD ORDERING CODE a	NEW ORDERING CODE
SOJ401EP   SOJ401EP-T1-GE3   SOJ402EP-T1-GE3     SOJ402EP   SOJ402EP-T1-GE3   SOJ402EP-T1-GE3     SOJ403EEP   SOJ403EEP-T1-GE3   SOJ403EEP-T1-GE3     SOJ403EP   -   SOJ403EP-T1-GE3     SOJ40EP   SOJ40EP-T1-GE3   SOJ40EP-T1-GE3     SOJ410EP   SOJ412EP-T1-GE3   SOJ412EP-T1-GE3     SOJ42EP-T1-GE3   SOJ42EP-T1-GE3   SOJ42EP-T1-GE3     SOJ43EP   SOJ43EP-T1-GE3   SOJ43EP-T1-GE3     SOJ43EP   SOJ43EP-T1-GE3   SOJ43EP-T1-GE3     SOJ43EP-T1-GE3   SOJ43EP-T1-GE3   SOJ43EP-T1-GE3     SOJ44GEP   -   SOJ45GP-T1-GE3     SOJ45GEP   SOJ45GP-T1-GE3   SOJ45GP-T1-GE3     SOJ46GEP   -   SOJ45GP-T1-GE3     SOJ46GEP   SOJ46GP-T1-GE3   SOJ46GP-T1-GE3     SOJ46GEP-T1-GE3   SOJ46GP-T1-GE3   SOJ46GP-T1-GE3	SQJ200EP	-	SQJ200EP-T1_GE3
SQJ402EP   SQJ403EP-TI-GE3   SQJ403EP-TI-GE3     SQJ403EP-TI-GE3   SQJ403EP-TI-GE3   SQJ403EP-TI-GE3     SQJ403EP   -   SQJ403EP-TI-GE3     SQJ410EP   SQJ410EP-TI-GE3   SQJ410EP-TI-GE3     SQJ412EP   SQJ412EP-TI-GE3   SQJ412EP-TI-GE3     SQJ43EP   SQJ43EP-TI-GE3   SQJ43EP-TI-GE3     SQJ43EP   SQJ43EP-TI-GE3   SQJ43EP-TI-GE3     SQJ43EP   SQJ43EP-TI-GE3   SQJ43EP-TI-GE3     SQJ43EP   SQJ45EP-TI-GE3   SQJ43EP-TI-GE3     SQJ45EP-TI-GE3   SQJ45EP-TI-GE3   SQJ45EP-TI-GE3     SQJ45EP-TI-GE3   SQJ45EP-TI-GE3   SQJ45EP-TI-GE3     SQJ45EP-TI-GE3   SQJ45EP-TI-GE3   SQJ45EP-TI-GE3     SQJ46GEP-TI-GE3   SQJ46GEP-TI-GE3   SQJ46GEP-TI-GE3     SQJ46GEP   SQJ46GEP-TI-GE3   SQJ46GEP-TI-GE3     SQJ46GEP-TI-GE3	SQJ202EP	-	SQJ202EP-T1_GE3
SQJ403EEP   SQJ403EPT-TI-GE3   SQJ403EP-TI-GE3     SQJ403EP   SQJ403EP-TI-GE3   SQJ405EP-TI-GE3     SQJ410EP   SQJ410EP-TI-GE3   SQJ412EP-TI-GE3     SQJ412EP   SQJ412EP-TI-GE3   SQJ412EP-TI-GE3     SQJ431EP   SQJ431EP-TI-GE3   SQJ431EP-TI-GE3     SQJ431EP   SQJ431EP-TI-GE3   SQJ431EP-TI-GE3     SQJ443EP-TI-GE3   SQJ443EP-TI-GE3   SQJ443EP-TI-GE3     SQJ443EP-TI-GE3   SQJ446EP-TI-GE3   SQJ446EP-TI-GE3     SQJ45GEP   SQJ45GEP-TI-GE3   SQJ45GEP-TI-GE3     SQJ45GEP   SQJ45GEP-TI-GE3   SQJ46GEP-TI-GE3     SQJ46GEP-TI-GE3   SQJ46GEP-TI-GE3   SQJ46	SQJ401EP	SQJ401EP-T1-GE3	SQJ401EP-T1_GE3
SQJ403EP   SQJ410EP   SQJ410EPT1-GE3   SQJ410EPT1_GE3     SQJ412EP   SQJ412EPT1-GE3   SQJ412EPT1_GE3   SQJ412EPT1_GE3     SQJ42EP   SQJ42EPT1-GE3   SQJ42EP-T1_GE3   SQJ43EPT1_GE3     SQJ43EP   SQJ43EPT1-GE3   SQJ43EPT1_GE3   SQJ43EPT1_GE3     SQJ443EP   SQJ443EPT1-GE3   SQJ443EPT1_GE3   SQJ443EPT1_GE3     SQJ446EP   SQJ456EPT1_GE3   SQJ45EPT1_GE3   SQJ45EPT1_GE3     SQJ456EP   SQJ456EPT1_GE3   SQJ45EPT1_GE3   SQJ45EPT1_GE3     SQJ460AEP   SQJ46EPT1_GE3   SQJ46EPT1_GE3   SQJ46EPT1_GE3     SQJ461EP   SQJ46EPT1_GE3   SQJ46EPT1_GE3   SQJ46EPT1_GE3     SQJ463EP   SQJ46SEPT1_GE3   SQJ46SEPT1_GE3   SQJ46SEPT1_GE3     SQJ46SEP   SQJ46SEPT1_GE3   SQJ46SEPT1_GE3   SQJ46SEPT1_GE3     SQJ46SEP   SQJ46SEPT1_GE3   SQJ46SEPT1_GE3   SQJ46SEPT1_GE3     SQJ48SEP   SQJ48SEPT1_GE3   SQJ48SEPT1_GE3   SQJ48SEPT1_GE3     SQJ48SEPT1_GE3   SQJ48SEPT1_GE3   SQJ48SEPT1_GE3   SQJ48SEPT1_GE3     SQJ44AEPT1_GE3   SQJ48GEPT1_GE3   S	SQJ402EP	SQJ402EP-T1-GE3	SQJ402EP-T1_GE3
SQJ410EP   SQJ410EP-T1-GE3   SQJ410EP-T1-GE3     SQJ412EP   SQJ412EP-T1-GE3   SQJ412EP-T1-GE3     SQJ422EP   SQJ422EP-T1-GE3   SQJ422EP-T1-GE3     SQJ431EP   SQJ431EP-T1-GE3   SQJ431EP-T1-GE3     SQJ445EP   SQJ443EP-T1-GE3   SQJ443EP-T1-GE3     SQJ446EP   -   SQJ446EP-T1-GE3     SQJ456EP   SQJ456EP-T1-GE3   SQJ456EP-T1-GE3     SQJ456EP   -   SQJ456EP-T1-GE3     SQJ456EP   -   SQJ466EP-T1-GE3     SQJ461EP   -   SQJ461EP-T1-GE3     SQJ461EP   -   SQJ461EP-T1-GE3     SQJ463EP   -   SQJ463EP-T1-GE3     SQJ463EP   -   SQJ463EP-T1-GE3     SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1-GE3     SQJ466EP   SQJ466EP-T1-GE3   SQJ466EP-T1-GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1-GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1-GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1-GE3     SQJ484EP-T1-GE3   SQJ484EP-T1-GE3   SQJ484EP-T1-GE3     SQJ80	SQJ403EEP	SQJ403EEP-T1-GE3	SQJ403EEP-T1_GE3
SQJ412EP   SQJ412EP-T1-GE3   SQJ422EP-T1-GE3     SQJ422EP   SQJ422EP-T1-GE3   SQJ422EP-T1-GE3     SQJ431EP   SQJ431EP-T1-GE3   SQJ432EP-T1-GE3     SQJ443EP   SQJ443EP-T1-GE3   SQJ443EP-T1-GE3     SQJ443EP   SQJ45GEP   SQJ44GEP-T1-GE3     SQJ45GEP   SQJ45GEP-T1-GE3   SQJ45GEP-T1-GE3     SQJ45GEP   SQJ45GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ46GAEP   SQJ46GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ46GEP   SQJ46GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ48GEP   SQJ48GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ48GEP   SQJ48GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ48GEP-T1-GE3   SQJ46GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ48GEP-T1-GE3   SQJ46GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ40AEP-T1-GE3   SQJ46GEP-T1-GE3   SQJ46GEP-T1-GE3     SQJ46GEP-T	SQJ403EP	-	SQJ403EP-T1_GE3
SQJ422EP   SQJ422EP-T1-GE3   SQJ422EP-T1-GE3     SQJ431EP   SQJ431EP-T1-GE3   SQJ431EP-T1-GE3     SQJ443EP   SQJ443EP-T1-GE3   SQJ443EP-T1-GE3     SQJ446EP   SQJ446EP   SQJ446EP-T1-GE3     SQJ456EP   SQJ456EP-T1-GE3   SQJ456EP-T1-GE3     SQJ459EP   SQJ456EP-T1-GE3   SQJ450EP-T1-GE3     SQJ460AEP   SQJ461EP   SQJ461EP-T1-GE3   SQJ461EP-T1-GE3     SQJ463EP   SQJ463EP-T1-GE3   SQJ463EP-T1-GE3   SQJ463EP-T1-GE3     SQJ463EP   SQJ463EP-T1-GE3   SQJ463EP-T1-GE3   SQJ469EP-T1-GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1-GE3   SQJ469EP-T1-GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1-GE3   SQJ469EP-T1-GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ460EP   SQJ469EP-T1-GE3   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ840EP   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ840EP   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ850EP   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3	SQJ410EP	SQJ410EP-T1-GE3	SQJ410EP-T1_GE3
SQJ431EP   SQJ431EP-T1-GE3   SQJ431EP-T1-GE3     SQJ443EP   SQJ443EP-T1-GE3   SQJ443EP-T1-GE3     SQJ446EP   -   SQJ456EP-T1-GE3     SQJ456EP   SQJ456EP-T1-GE3   SQJ456EP-T1-GE3     SQJ459EP   -   SQJ456EP-T1-GE3     SQJ459EP   -   SQJ456EP-T1-GE3     SQJ461EP   -   SQJ461EP-T1-GE3     SQJ461EP   SQJ461EP-T1-GE3   SQJ461EP-T1-GE3     SQJ463EP   SQJ463EP-T1-GE3   SQJ463EP-T1-GE3     SQJ463EP   SQJ463EP-T1-GE3   SQJ463EP-T1-GE3     SQJ465EP   SQJ466EP-T1-GE3   SQJ469EP-T1-GE3     SQJ469EP   SQJ466EP-T1-GE3   SQJ469EP-T1-GE3     SQJ469EP   SQJ466EP-T1-GE3   SQJ469EP-T1-GE3     SQJ468EP   SQJ466EP-T1-GE3   SQJ469EP-T1-GE3     SQJ460AEP   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ460EP   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ460EP-T1-GE3   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ46EP-T1-GE3   SQJ460EP-T1-GE3   SQJ460EP-T1-GE3     SQJ46EP-T1-GE3   SQJ460EP-T1-GE3   SQ	SQJ412EP	SQJ412EP-T1-GE3	SQJ412EP-T1_GE3
SQJ443EP   SQJ443EP-T1-GE3   SQJ443EP-T1_GE3     SQJ446EP   -   SQJ46EP-T1_GE3     SQJ456EP   SQJ456EP-T1-GE3   SQJ456EP-T1_GE3     SQJ459EP   -   SQJ456EP-T1_GE3     SQJ460AEP   -   SQJ460EP-T1_GE3     SQJ461EP   SQJ461EP-T1-GE3   SQJ461EP-T1_GE3     SQJ463EP   SQJ465EP-T1-GE3   SQJ465EP-T1_GE3     SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1_GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1_GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1_GE3     SQJ468EP   SQJ468EP-T1-GE3   SQJ469EP-T1_GE3     SQJ468EP   SQJ468EP-T1-GE3   SQJ468EP-T1_GE3     SQJ468EP   SQJ468EP-T1-GE3   SQJ468EP-T1_GE3     SQJ468EP   SQJ468EP-T1-GE3   SQJ464EP-T1_GE3     SQJ464EP   SQJ464EP-T1-GE3   SQJ464EP-T1_GE3     SQJ464EP   SQJ464EP-T1-GE3   SQJ464EP-T1_GE3     SQJ464EP   SQJ464EP-T1-GE3   SQJ464EP-T1_GE3     SQJ464EP   SQJ464EP-T1-GE3   SQJ464EP-T1_GE3     SQJ464EP-T1_GE3   SQJ464EP-T1_GE3   S	SQJ422EP	SQJ422EP-T1-GE3	SQJ422EP-T1_GE3
SQJ446EP   SQJ456EP   SQJ456EP   SQJ456EP-T1-GE3   SQJ456EP-T1-GE3     SQJ459EP   -   SQJ459EP-T1_GE3   SQJ460AEP-T1_GE3     SQJ461EP   -   SQJ461EP-T1_GE3   SQJ461EP-T1_GE3     SQJ463EP   SQJ463EP-T1_GE3   SQJ465EP-T1_GE3   SQJ465EP-T1_GE3     SQJ465EP   SQJ469EP-T1-GE3   SQJ469EP-T1_GE3   SQJ469EP-T1_GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1_GE3   SQJ469EP-T1_GE3     SQJ488EP   SQJ486EP-T1-GE3   SQJ486EP-T1_GE3   SQJ486EP-T1_GE3     SQJ488EP   SQJ486EP-T1-GE3   SQJ480EP-T1_GE3   SQJ480EP-T1_GE3     SQJ460EP   SQJ480EP-T1-GE3   SQJ480EP-T1_GE3   SQJ480EP-T1_GE3     SQJ440EP   SQJ48AEP-T1-GE3   SQJ480EP-T1_GE3   SQJ480EP-T1_GE3     SQJ440EP   SQJ444EP-T1-GE3   SQJ480EP-T1_GE3   SQJ485EP-T1_GE3     SQJ485AEP   SQJ485AEP-T1-GE3   SQJ485EP-T1_GE3   SQJ485EP-T1_GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1_GE3   SQJ486EP-T1_GE3     SQJ4910AEP   SQJ490EP-T1-GE3   SQJ490EP-T1_GE3   SQJ490EP-T1_GE3     SQJ4910AEP<	SQJ431EP	SQJ431EP-T1-GE3	SQJ431EP-T1_GE3
SQJ456EP   SQJ456EP-T1-GE3   SQJ456EP-T1_GE3     SQJ459EP   -   SQJ459EP-T1_GE3     SQJ460AEP   -   SQJ460AEP-T1_GE3     SQJ461EP   SQJ461EP-T1-GE3   SQJ461EP-T1_GE3     SQJ463EP   SQJ463EP-T1-GE3   SQJ465EP-T1_GE3     SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1_GE3     SQJ466EP   SQJ466EP-T1-GE3   SQJ469EP-T1_GE3     SQJ466EP   SQJ486EP-T1-GE3   SQJ469EP-T1_GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1_GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ840EP-T1_GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1_GE3     SQJ844EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ961EP   SQJ961EP-T1-GE3 </td <td>SQJ443EP</td> <td>SQJ443EP-T1-GE3</td> <td>SQJ443EP-T1_GE3</td>	SQJ443EP	SQJ443EP-T1-GE3	SQJ443EP-T1_GE3
SQJ459EP   -   SQJ459EP-T1_GE3     SQJ460AEP   -   SQJ460AEP-T1_GE3     SQJ461EP   SQJ461EP-T1-GE3   SQJ461EP-T1_GE3     SQJ463EP   SQJ463EP-T1_GE3   SQJ463EP-T1_GE3     SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1_GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1_GE3     SQJ486EP   SQJ488EP-T1-GE3   SQJ486EP-T1_GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ500AEP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ800EP-T1_GE3     SQJ840EP-T1_GE3   SQJ840EP-T1_GE3   SQJ840EP-T1_GE3     SQJ850EP-T1_GE3   SQJ850EP-T1_GE3   SQJ850EP-T1_GE3     SQJ850EP-T1_GE3   SQJ850EP-T1_GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1_GE3   SQJ850EP-T1_GE3     SQJ86EP   SQJ86EP-T1-GE3   SQJ86EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ912AEP   SQJ912AEP-T1-GE3   SQJ912AEP-T1_GE3     SQJ95EP	SQJ446EP	-	SQJ446EP-T1_GE3
SQJ460AEP   -   SQJ461EP   SQJ461EP-T1_GE3   SQJ461EP-T1_GE3     SQJ463EP   SQJ463EP-T1-GE3   SQJ463EP-T1_GE3   SQJ465EP-T1_GE3   SQJ465EP-T1_GE3     SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1_GE3   SQJ466EP-T1_GE3   SQJ466EP-T1_GE3     SQJ466EP   SQJ466EP-T1-GE3   SQJ486EP-T1_GE3   SQJ486EP-T1_GE3   SQJ486EP-T1_GE3     SQJ488EP   SQJ486EP-T1-GE3   SQJ486EP-T1_GE3   SQJ486EP-T1_GE3   SQJ486EP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ480EP-T1_GE3   SQJ840EP-T1_GE3   SQJ840EP-T1_GE3     SQJ844EP   SQJ844EP-T1-GE3   SQJ840EP-T1_GE3   SQJ850EP-T1_GE3   SQJ850EP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3   SQJ850EP-T1_GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ858AEP-T1_GE3   SQJ858AEP-T1_GE3   SQJ858AEP-T1_GE3     SQJ850EP   SQJ856EP-T1-GE3   SQJ950AEP-T1_GE3   SQJ950AEP-T1_GE3     SQJ910AEP   SQJ910AEP-T1_GE3   SQJ910AEP-T1_GE3   SQJ942EP-T1_GE3     SQJ940EP   SQJ940EP-T1_GE3   SQJ942EP-T1_GE3   SQJ942EP-T1_GE3     SQJ951	SQJ456EP	SQJ456EP-T1-GE3	SQJ456EP-T1_GE3
SQJ461EP   SQJ461EP-T1-GE3   SQJ461EP-T1-GE3     SQJ463EP   SQJ463EP-T1-GE3   SQJ465EP-T1-GE3     SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1-GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1-GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1-GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1-GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1-GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ480EP-T1-GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1-GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1-GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1-GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1-GE3     SQJ850EP-T1-GE3   SQJ850EP-T1-GE3   SQJ850EP-T1-GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1-GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ950EP-T1-GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1-GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ940EP-T1-GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ942EP-T1-GE3     SQJ951EP <td>SQJ459EP</td> <td>-</td> <td>SQJ459EP-T1_GE3</td>	SQJ459EP	-	SQJ459EP-T1_GE3
SQJ463EP   SQJ463EP-T1-GE3   SQJ463EP-T1-GE3     SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1-GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1-GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1-GE3     SQJ486EP   SQJ488EP-T1-GE3   SQJ488EP-T1-GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1-GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ500AEP-T1-GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1-GE3     SQJ844AEP   SQJ840EP-T1-GE3   SQJ850EP-T1-GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1-GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ858AEP-T1-GE3     SQJ866EP   SQJ866EP-T1-GE3   SQJ866EP-T1-GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1-GE3     SQJ912AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1-GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ940EP-T1-GE3     SQJ942EP   SQJ942EP-T1-GE3   SQJ942EP-T1-GE3     SQJ951EP   SQJ951EP-T1-GE3   SQJ951EP-T1-GE3     SQJ956EP   SQJ956EP-T1-GE3   SQJ956EP-T1-GE3     SQJ960EP <td>SQJ460AEP</td> <td>-</td> <td>SQJ460AEP-T1_GE3</td>	SQJ460AEP	-	SQJ460AEP-T1_GE3
SQJ465EP   SQJ465EP-T1-GE3   SQJ465EP-T1_GE3     SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1_GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1_GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ500AEP-T1_GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1_GE3     SQJ844AEP   SQJ844AEP-T1-GE3   SQJ844AEP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ858AEP-T1_GE3     SQJ866EP   SQJ866EP-T1-GE3   SQJ866EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ912AEP   SQJ912AEP-T1-GE3   SQJ912AEP-T1_GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ940EP-T1_GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ940EP-T1_GE3     SQJ951EP   SQJ951EP-T1-GE3   SQJ951EP-T1_GE3     SQJ956EP   SQJ956EP-T1-GE3   SQJ956EP-T1_GE3     SQJ960EP-T1-GE3   SQJ960EP-T1_GE3   SQJ960EP-T1_GE3     SQJ	SQJ461EP	SQJ461EP-T1-GE3	SQJ461EP-T1_GE3
SQJ469EP   SQJ469EP-T1-GE3   SQJ469EP-T1_GE3     SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1_GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ500AEP-T1_GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1_GE3     SQJ844AEP   SQJ844AEP-T1-GE3   SQJ850EP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ858AEP-T1_GE3     SQJ866EP   SQJ866EP-T1-GE3   SQJ866EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ912AEP-T1_GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ940EP-T1_GE3     SQJ942EP   SQJ940EP-T1-GE3   SQJ942EP-T1_GE3     SQJ951EP   SQJ951EP-T1-GE3   SQJ951EP-T1_GE3     SQJ952EP   SQJ956EP-T1-GE3   SQJ956EP-T1_GE3     SQJ956EP   SQJ956EP-T1-GE3   SQJ966EP-T1_GE3     SQJ960EP   SQJ960EP-T1-GE3   SQJ960EP-T1_GE3     SQJ966EP   SQJ966EP-T1-GE3   SQJ966EP-T1_GE3     SQJ968EP <td>SQJ463EP</td> <td>SQJ463EP-T1-GE3</td> <td>SQJ463EP-T1_GE3</td>	SQJ463EP	SQJ463EP-T1-GE3	SQJ463EP-T1_GE3
SQJ486EP   SQJ486EP-T1-GE3   SQJ486EP-T1_GE3     SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ500AEP-T1_GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1_GE3     SQJ844AEP   SQJ844AEP-T1-GE3   SQJ844AEP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ865EP-T1_GE3     SQJ866EP   SQJ866EP-T1-GE3   SQJ866EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ912AEP   SQJ912AEP-T1-GE3   SQJ912AEP-T1_GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ942EP-T1_GE3     SQJ942EP   SQJ942EP-T1-GE3   SQJ942EP-T1_GE3     SQJ951EP   SQJ951EP-T1-GE3   SQJ951EP-T1_GE3     SQJ952EP   -   SQJ955EP-T1_GE3     SQJ956EP   SQJ956EP-T1-GE3   SQJ956EP-T1_GE3     SQJ960EP   SQJ960EP-T1-GE3   SQJ960EP-T1_GE3     SQJ960EP-T1_GE3   SQJ960EP-T1_GE3   SQJ960EP-T1_GE3     SQJ963EP   SQJ966EP-T1-GE3   SQJ966EP-T1_GE3     SQJ966EP-T1_GE3 <td>SQJ465EP</td> <td>SQJ465EP-T1-GE3</td> <td>SQJ465EP-T1_GE3</td>	SQJ465EP	SQJ465EP-T1-GE3	SQJ465EP-T1_GE3
SQJ488EP   SQJ488EP-T1-GE3   SQJ488EP-T1_GE3     SQJ500AEP   SQJ500AEP-T1-GE3   SQJ500AEP-T1_GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1_GE3     SQJ844AEP   SQJ844AEP-T1-GE3   SQJ850EP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ856EP-T1_GE3     SQJ886EP   SQJ886EP-T1-GE3   SQJ886EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ912AEP   SQJ912AEP-T1-GE3   SQJ912AEP-T1_GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ940EP-T1_GE3     SQJ942EP   SQJ942EP-T1-GE3   SQJ942EP-T1_GE3     SQJ951EP   SQJ951EP-T1-GE3   SQJ951EP-T1_GE3     SQJ952EP   -   SQJ956EP-T1_GE3     SQJ956EP   SQJ960EP-T1-GE3   SQJ960EP-T1_GE3     SQJ960EP   SQJ963EP-T1-GE3   SQJ963EP-T1_GE3     SQJ963EP   SQJ968EP-T1-GE3   SQJ968EP-T1_GE3     SQJ968EP   SQJ968EP-T1-GE3   SQJ968EP-T1_GE3	SQJ469EP	SQJ469EP-T1-GE3	SQJ469EP-T1_GE3
SQJ500AEP   SQJ500AEP-T1-GE3   SQJ500AEP-T1_GE3     SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1_GE3     SQJ844AEP   SQJ844AEP-T1-GE3   SQJ844AEP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ858AEP-T1_GE3     SQJ866EP   SQJ886EP-T1-GE3   SQJ866EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ912AEP   SQJ912AEP-T1-GE3   SQJ940EP-T1_GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ940EP-T1_GE3     SQJ942EP   SQJ942EP-T1-GE3   SQJ942EP-T1_GE3     SQJ951EP   SQJ951EP-T1-GE3   SQJ951EP-T1_GE3     SQJ952EP   -   SQJ956EP-T1_GE3     SQJ956EP   SQJ956EP-T1-GE3   SQJ956EP-T1_GE3     SQJ960EP   SQJ960EP-T1-GE3   SQJ960EP-T1_GE3     SQJ963EP   SQJ960EP-T1-GE3   SQJ963EP-T1_GE3     SQJ968EP   SQJ968EP-T1-GE3   SQJ968EP-T1_GE3     SQJ968EP   SQJ968EP-T1-GE3   SQJ968EP-T1_GE3	SQJ486EP	SQJ486EP-T1-GE3	SQJ486EP-T1_GE3
SQJ840EP   SQJ840EP-T1-GE3   SQJ840EP-T1_GE3     SQJ844AEP   SQJ844AEP-T1-GE3   SQJ844AEP-T1_GE3     SQJ850EP   SQJ850EP-T1-GE3   SQJ850EP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ858AEP-T1_GE3     SQJ858AEP   SQJ858AEP-T1-GE3   SQJ886EP-T1_GE3     SQJ910AEP   SQJ910AEP-T1-GE3   SQJ910AEP-T1_GE3     SQJ912AEP   SQJ912AEP-T1-GE3   SQJ912AEP-T1_GE3     SQJ940EP   SQJ940EP-T1-GE3   SQJ940EP-T1_GE3     SQJ942EP   SQJ942EP-T1-GE3   SQJ942EP-T1_GE3     SQJ951EP   SQJ951EP-T1-GE3   SQJ951EP-T1_GE3     SQJ952EP   -   SQJ955EP-T1_GE3     SQJ956EP   SQJ956EP-T1-GE3   SQJ956EP-T1_GE3     SQJ960EP   SQJ960EP-T1-GE3   SQJ960EP-T1_GE3     SQJ963EP   SQJ963EP-T1-GE3   SQJ963EP-T1_GE3     SQJ968EP   SQJ968EP-T1-GE3   SQJ968EP-T1_GE3     SQJ980AEP   SQJ980AEP-T1-GE3   SQJ980AEP-T1_GE3	SQJ488EP	SQJ488EP-T1-GE3	SQJ488EP-T1_GE3
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SQJ992EP	SQJ980AEP	SQJ980AEP-T1-GE3	SQJ980AEP-T1_GE3
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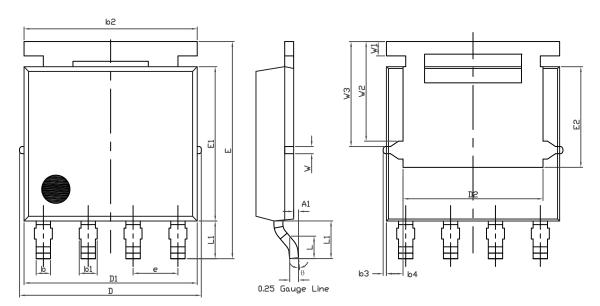
#### Note

a. Old ordering code is obsolete and no longer valid for new orders

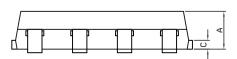


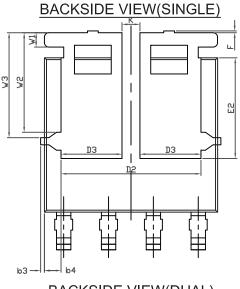
Vishay Siliconix

# PowerPAK® SO-8L Case Outline for Non-Al Parts



## **TOPSIDE VIEW**





BACKSIDE VIEW(DUAL)



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Vishay Siliconix

DIM	MILLIMETERS		INCHES				
DIM.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
А	1.00	1.07	1.14	0.039	0.042	0.045	
A1	0.00	-	0.127	0.00	-	0.005	
b	0.33	0.41	0.48	0.013	0.016	0.019	
b1	0.44	0.51	0.58	0.017	0.020	0.023	
b2	4.80	4.90	5.00	0.189	0.193	0.197	
b3		0.094			0.004		
b4		0.47			0.019		
С	0.20	0.25	0.30	0.008	0.010	0.012	
D	5.00	5.13	5.25	0.197	0.202	0.207	
D1	4.80	4.90	5.00	0.189	0.193	0.197	
D2	3.86	3.96	4.06	0.152	0.156	0.160	
D3	1.63	1.73	1.83	0.064	0.068	0.072	
е		1.27 BSC		0.050 BSC			
E	6.05	6.15	6.25	0.238	0.242	0.246	
E1	4.27	4.37	4.47	0.168	0.172	0.176	
E2	3.18	3.28	3.38	0.125	0.129	0.133	
F	-	-	0.15	-	-	0.006	
L	0.62	0.72	0.82	0.024	0.028	0.032	
L1	0.92	1.07	1.22	0.036	0.042	0.048	
K		0.51			0.020		
W	0.23		0.009				
W1	0.41		0.016				
W2	2.82		0.111				
W3	2.96			0.117			
q	0°	-	10°	0°	-	10°	

ECN: C15-1122-Rev. C, 07-Sep-15

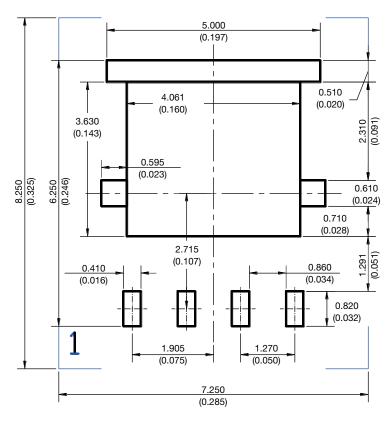
DWG: 5976

## Note

· Millimeters will gover



## RECOMMENDED MINIMUM PAD FOR PowerPAK® SO-8L SINGLE



Recommended Minimum Pads Dimensions in mm (inches)



## **Legal Disclaimer Notice**

Vishay

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