

## Long-Time Supplier for High-Reliability Applications



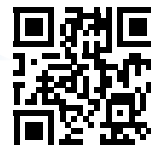
Vishay has been supplying high-reliability discrete and IC components to military and aerospace customers for more than 30 years. Vishay Siliconix remains committed to supplying power MOSFETs, analog switches, multiplexers and power ICs in hermetically sealed, metal can, and ceramic packages that conform to MIL-PRF-19500 and MIL-PRF-38535. Siliconix also has the capability to serve military and aerospace customers by supplying source controlled drawings used in targeted applications such as space, avionics and missile systems. Vishay Siliconix hi-rel products are manufactured in our fab in Santa Clara and conform to the most stringent reliability requirements in the industry.

### CAPABILITIES

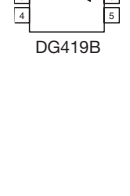
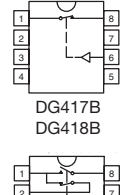
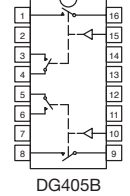
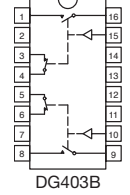
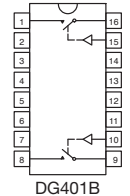
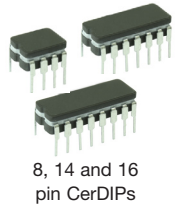
- MIL-PRF-19500
- MIL-PRF-38535
- Source controlled drawings
- Groups A, B, C, and E testing
- Upscreening for space applications
- Siliconix -2 flow (MIL-STD-750 visual and processing)
- Die sales

### RESOURCES

- Datasheets: <http://www.vishay.com/hi-rel-military/>
- More featured products: <http://www.vishay.com/landingpage/tradeshows/powermanagement/2011/mosfets.html>
- For technical questions contact:
  - MOSFETs: [pmos techsupport@vishay.com](mailto:pmos techsupport@vishay.com)
  - Power ICs: [poweric techsupport@vishay.com](mailto:poweric techsupport@vishay.com)



HI-REL ANALOG SWITCHES AND MULTIPLEXERS						
PART	CONFIGURATION	TEMP. RANGE	PACKAGE	ORDERING PART NUMBER	GENERIC NUMBER	DSCC / GOV ID NUMBER
DG408	4:1 x 2	- 55 °C to 125 °C	16 pin CerDIP	DG408AK	DG408AK	-
				DG408AK-E3	DG408AK-E3	-
				9204201EA	DG408AK/883	5962-9204201MEA
			LCC-20	92042012A	DG408AZ/883	5962-9204201M2A
				92042012C		5962-9204201M2C
				9204201XA	DG408AL/883	5962-9204201MXA
9204201XC	5962-9204201MXC					
DG409	8:1 x 1		16 pin CerDIP	DG409AK	DG409AK	-
				DG409AK-E3	DG409AK-E3	-
				9204202EA	DG409AK/883	5962-9204202MEA
			LCC-20	92042022A	DG409AZ/883	5962-9204202M2A
				92042022C		5962-9204202M2C
			Flat-Pack 16	9204202XA	DG409AL/883	5962-9204202MXA
9204202XC	5962-9204202MXC					
DG417B	SPST x 1, NC		8 pin CerDIP	9073704PA	DG417BAK/883	5962-9073704MPA
DG418B	SPST x 1, NO			DG417BAK	DG417BAK	-
				DG417BAK-E3	DG417BAK-E3	-
				9073705PA	DG418BAK/883	5962-9073705MPA
DG419B	SPDT x 1	DG418BAK		DG418BAK	-	
		DG418BAK-E3		DG418BAK-E3	-	
		9073706PA		DG419BAK/883	5962-9073706MPA	
DG201B	SPST x 4, NC	16-pin CerDIP (Feb. 2012) LCC-20 (Q4 2012)		DG419BAK	DG419BAK	-
				DG419BAK-E3	DG419BAK-E3	-
DG202B	SPST x 4, NO			8671604EA	DG201BAK/883	5962-8671604MEA
				86716042A	DG201BAZ/883	5962-8671604M2A
DG300B	SPST x 2, NO	14 pin CerDIP (Feb. 2012)		8671605EA	DG202BAK/883	5962-8671605MEA
DG301B	SPDT x 1		86716052A	DG202BAZ/883	5962-8671605M2A	
DG302B	DPST x 2, NO		DG300BAK/883	DG300BAK/883	(in process)	
DG303B	SPDT x 2	DG301BAK/883	DG301BAK/883			
DG401B	SPST x 2, NO	DG302BAK/883	DG302BAK/883			
DG403B	SPST x 4, 2 comp. pairs per package	16-pin CerDIP LCC-20 (Mar. 2012)	DG303BAK/883	DG303BAK/883	(in process)	
DG405B	SPST x 4, 2 pairs per package		DG401BAK/883	DG401BAK/883		
			DG403BAK/883	DG403BAK/883		
			DG405BAK/883	DG405BAK/883		



HI-REL MOSFETS							
PART	CONFIGURATION	V <sub>DS</sub> (V)	V <sub>GS</sub> (V)	R <sub>DS(ON)</sub> (Ω) V <sub>GS</sub> = 10 V	PACKAGE	SCREEN LEVEL	DSCC NUMBER
2N6660		60	20	3	TO-205AD (TO-39)	JAN	JAN2N6660
2N6661						JANTX	JANTX2N6660
						JANTXV	JANTXV2N6660
						JAN	JAN2N6661
						JANTX	JANTX2N6661
						JANTXV	JANTXV2N6661

