VISHAY INTERTECHNOLOGY, INC.



SMALL SIGNAL SCHOTTKY DIODES

SOD523
SOD323
SOD123
DO219AB (SMF)
SOT23
LLP75
MicroMELF
QuadroMELF SOD80
MiniMELF SOD80
DO35

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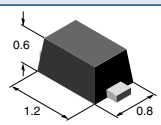
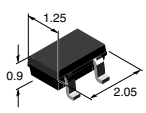
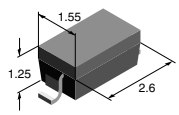
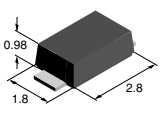
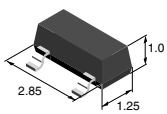
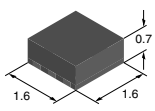
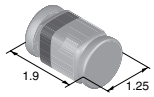
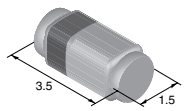
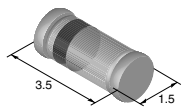
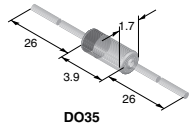
SMALL SIGNAL DIODES

SELECTOR GUIDE

Small Signal Schottky Diodes

						
V_R max	I_F max	V_F max @ I_F		SOD523	SOD323	SOD123
Characteristics						
20 V	200 mA	0.37 V @ 20 mA	0.6 V @ 200 mA		SD103CWS	SD103CW
20 V	1.1 A	0.385 V @ 500 mA				
30 V	200 mA	0.32 V @ 1.0 mA	0.4 V @ 10 mA			
30 V	200 mA	0.33 V @ 2 mA	0.45 V @ 15 mA			BAT43W
30 V	200 mA	0.4 V @ 10 mA	0.5 V @ 30 mA	BAT54-02V	BAT54WS	BAT54W
30 V	200 mA	0.4 V @ 10 mA	0.65 V @ 50 mA			BAT42W
30 V	200 mA	0.37 V @ 20 mA	0.6 V @ 200 mA		SD103BWS	SD103BW
30 V	1.1 A	0.43 V @ 500 mA				
40 V	30 mA	0.33 V @ 0.1 mA	0.41 V @ 1.0 mA			
40 V	30 mA	0.37 V @ 1.0 mA		BAS581-02V		
40 V	30 mA	0.39 V @ 1.0 mA	0.9 V @ 15 mA		SD101CWS	SD101CW
40 V	200 mA	0.38 V @ 1.0 mA	1.0 V @ 40 mA	BAS40-02V		
40 V	200 mA	0.37 V @ 1.0 mA	0.6 V @ 200 mA		SD103AWS	SD103AW
40 V	1.1 A	0.51 V @ 500 mA				
50 V	30 mA	0.33 V @ 0.1 mA	0.41 V @ 1.0 mA			
50 V	30 mA	0.4 V @ 1.0 mA	0.95 V @ 15 mA		SD101BWS	SD101BW
50 V	200 mA	0.38 V @ 1.0 mA	0.45 V @ 10 mA			
60 V	30 mA	0.33 V @ 0.1 mA	0.41 V @ 1.0 mA			
60 V	30 mA	0.41 V @ 1.0 mA	1.0 V @ 15 mA		SD101AWS	SD101AW
70 V	200 mA	0.41 V @ 1.0 mA	1.0 V @ 15 mA	BAS70-02V		
100 V	100 mA	0.45 V @ 1.0 mA	1.0 V @ 200 mA			
100 V	150 mA	0.25 V @ 0.1 mA	0.45 V @ 10 mA			BAT46W
Dimensions				 SOD523	 SOD323	 SOD123



						
DO219AB (SMF)	**SOT23**	**LLP75**	**MicroMELF (Glass)**	**QuadroMELF SOD80 (Glass)**	**MiniMELF SOD80 (Glass)**	**DO35 (Glass)**
	Surface Mount					**Leaded**
			MCL103C	LS103C	LL103C	SD103C
SL02						
			BAS385	BAS285	BAS85	BAT85S
					LL43	BAT43
	BAT54-series	BAT54-HT3-series				
					LL42	BAT42
			MCL103B	LS103B	LL103B	SD103B
SL03						
			BAS381	BAS281	BAS81	BAT81S
			MCL101C	LS101C	LL101C	SD101C
	BAS40-series	BAS40-HT3-series				
			MCL103A	LS103A	LL103A	SD103A
SL04						
			BAS382	BAS282	BAS82	BAT82S
			MCL101B	LS101B	LL101B	SD101B
			BAS386	BAS286	BAS86	BAT86S
			BAS383	BAS283	BAS83	BAT83S
			MCL101A	LS101A	LL101A	SD101A
	BAS70-series	BAS70-HT3-series				
					LL41	BAT41
					LL46	BAT46
						
DO219AB SMF	**SOT23**	**LLP75**	**MicroMELF**	**SOD80 QuadroMELF**	**SOD80 MiniMELF**	**DO35**

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WORLDWIDE SALES CONTACTS

THE AMERICAS

UNITED STATES
VISHAY AMERICAS
ONE GREENWICH PLACE
SHELTON, CT 06484
UNITED STATES
PH: +1-402-563-6866
FAX: +1-402-563-6296

ASIA

SINGAPORE
VISHAY INTERTECHNOLOGY
ASIA PTE LTD.
25 TAMPINES STREET 92
KEPPEL BUILDING #02-00
SINGAPORE 528877
PH: +65-6788-6668
FAX: +65-6788-0988

P.R.C.
VISHAY INTERTECHNOLOGY
ASIA PTE. LTD.
(SHANGHAI REPRESENTATIVE OFFICE)
ROOM D,15F, SUN TONG INFOPORT PLAZA
55 HUAI HAI WEST ROAD
200030 SHANGHAI
P.R.C.
PH: +86-21-6283-1036
FAX: +86-21-6283-1039

JAPAN
VISHAY JAPAN CO., LTD.
SHIBUYA 3-CHOME SQUARE BUILDING 3F
3-5-16 SHIBUYA
SHIBUYA-KU
TOKYO 150-0002
JAPAN
PH: +81-3-5464-6411
FAX: +81-3-5464-6433

EUROPE

GERMANY
VISHAY EUROPE SALES GMBH
GEHEIMRAT-ROSENTHAL-STR. 100
95100 SELB
GERMANY
PH: +49-9287-71-0
FAX: +49-9287-70435

FRANCE
VISHAY S.A.
199, BLVD DE LA MADELEINE
06003 NICE, CEDEX 1
FRANCE
PH: +33-4-9337-2920
FAX: +33-4-9337-2997

NETHERLANDS
VISHAY BCCOMPONENTS B.V.
HURKESTRAAT 31
P.O. BOX 8766
5652 AH EINDHOVEN
NETHERLANDS
PH: +31-40-2590-700
FAX: +31-40-2590-777

www.vishay.com

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