

Gunter Semiconductor GmbH**SB 3XX -1.8**
Chips for Schottky Diodes

Chip Specification

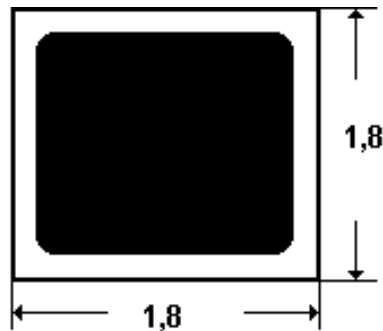
General Description:

Schottky Diode chips with Mo-barrier for switch mode power rectifiers with the following features:

- * **Guard-ring for stress protection**
- * **Extremely low forward voltage**
- * **125 °C operation junction temperature**
- * **reverse avalanche behavior**

Mechanical Data:**SB 3XX passivated Silicon Chip**

Demension(mm)	1,8x1,8
Thickness:	350 +- 20 µm
Metallization:	
Top (Anode) :	Al Ag
Bottom (Cathode) :	TiNiAg



Forward Current(A)	3 A
Reverse Voltage (V):	23, 43, 100 V

Type	Chip	VR(V)	VF(V)@25 C at If=1A	IRM@VRMM at 25 C
	size(mm)			
SB320	1,8x1,8	23 V	440mV	0,5mA
SB340	1,8x1,8	43 V	600mV	0,5mA
SB3100	1,8x1,8	100 V	690mV	0,5mA

Note: Other voltages, Vf & Top Metal AL are available

