

SiC SBD/MOSFET Product Releases

SiC Schottky Barrier Diodes (SBDs)

Voltage	I _{F(avg)} Amps	V _F Volts	Part Number	Package
700	10	1.5	MSC010SDA070D/S	Die
			MSC010SDA070K	TO-220
			MSC010SDA070B	TO-247
	30	1.5	MSC030SDA070D/S	Die
			MSC030SDA070K	TO-220
			MSC030SDA070B	TO-247
			MSC030SDA070S	D ³ PAK
			MSC050SDA070D/S	Die
			MSC050SDA070B	TO-247
			MSC050SDA070S	D ³ PAK
	50	1.5	MSC010SDA120D/S	Die
			MSC010SDA120B	TO-247
			MSC010SDA120K	TO-220
1200	10	1.5	MSC015SDA120D/S	Die
			MSC015SDA120B	TO-247
			MSC015SDA120S	D ³ PAK
	15	1.5	MSC030SDA120D/S	Die
			MSC030SDA120B	TO-247
			MSC030SDA120K	TO-220
	30	1.5	MSC030SDA120S	D ³ PAK
			MSC050SDA120D/S	Die
			MSC050SDA120B	TO-247
	50	1.5	MSC050SDA120S	D ³ PAK
			MSC010SDA170D/S	Die
			MSC010SDA170B	TO-247
1700	10	1.5	MSC030SDA170D/S	Die
			MSC030SDA170B	TO-247
	30	1.5	MSC050SDA170D/S	Die
			MSC050SDA170B	TO-247
	50	1.5	MSC050SDA170S	D ³ PAK
			MSC050SDA170B	TO-247

SiC MOSFETs

Voltage	R _{DS(On)} (typical)	Part Number	Package
700 V	90 mΩ	MSC090SMA070D/S	Die
		MSC090SMA070B	TO-247
		MSC090SMA070S	D3PAK
	60 mΩ	MSC060SMA070D/S	Die
		MSC060SMA070B	TO-247
		MSC060SMA070S	D3PAK
	35 mΩ	MSC035SMA070D/S	Die
		MSC035SMA070B	TO-247
		MSC035SMA070S	D3PAK
	15 mΩ	MSC015SMA070D/S	Die
		MSC015SMA070B	TO-247
		MSC015SMA070S	D3PAK
1200 V	80 mΩ	MSC080SMA120D/S	Die
		MSC080SMA120B	TO-247
		MSC080SMA120S	D3PAK
	40 mΩ	MSC040SMA120J	SOT-227
		MSC040SMA120D/S	Die
		MSC040SMA120B	TO-247
	25 mΩ	MSC040SMA120S	D3PAK
		MSC040SMA120J	SOT-227
		MSC025SMA120D/S	Die
		MSC025SMA120B	TO-247
		MSC025SMA120S	D3PAK
		MSC025SMA120J	SOT-227
1700 V	750 mΩ	MSC750SMA170D/S	Die
		MSC750SMA170B	TO-247
		MSC750SMA170S	D3PAK
	45 mΩ	MSC045SMA170D/S	Die
		MSC045SMA170B	TO-247
		MSC045SMA170S	D3PAK