

# SiC SBD/MOSFET Product Releases

## SiC Schottky Barrier Diodes (SBDs)

Voltage	I <sub>F(avg)</sub> Amps	V <sub>F</sub> 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 <sup>3</sup> PAK		
			50	1.5	MSC050SDA070D/S	Die
					MSC050SDA070B	TO-247
MSC050SDA070S	D <sup>3</sup> PAK					
1200	10	1.5	MSC010SDA120D/S	Die		
			MSC010SDA120B	TO-247		
			MSC010SDA120K	TO-220		
	15	1.5	MSC015SDA120D/S	Die		
			MSC015SDA120B	TO-247		
	30	1.5	MSC030SDA120D/S	Die		
			MSC030SDA120B	TO-247		
			MSC030SDA120K	TO-220		
			MSC030SDA120S	D <sup>3</sup> PAK		
			50	1.5	MSC050SDA120D/S	Die
					MSC050SDA120B	TO-247
	MSC050SDA120S	D <sup>3</sup> PAK				
1700	10	1.5	MSC010SDA170D/S	Die		
			MSC010SDA170B	TO-247		
	30	1.5	MSC030SDA170D/S	Die		
			MSC030SDA170B	TO-247		
	50	1.5	MSC050SDA170D/S	Die		
			MSC050SDA170B	TO-247		

## SiC MOSFETs

Voltage	R <sub>DS(On)</sub> (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	
80 mΩ		MSC080SMA120D/S	Die	
		MSC080SMA120B	TO-247	
		MSC080SMA120S	D3PAK	
1200 V	40 mΩ	MSC080SMA120J	SOT-227	
		MSC040SMA120D/S	Die	
		MSC040SMA120B	TO-247	
	25 mΩ	MSC040SMA120S	D3PAK	
		MSC040SMA120J	SOT-227	
		MSC025SMA120D/S	Die	
	750 mΩ	MSC025SMA120B	TO-247	
		MSC025SMA120S	D3PAK	
		MSC025SMA120J	SOT-227	
		750 mΩ	MSC750SMA170D/S	Die
			MSC750SMA170B	TO-247
			MSC750SMA170S	D3PAK
45 mΩ	MSC045SMA170D/S	Die		
	MSC045SMA170B	TO-247		
	MSC045SMA170S	D3PAK		