

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	1.5	MSC030SDA070D/S	Die			
				MSC030SDA070K	TO-220			
				MSC030SDA070B	TO-247			
				MSC030SDA070S	D ³ PAK			
				50	1.5	1.5	MSC050SDA070D/S	Die
							MSC050SDA070B	TO-247
MSC050SDA070S	D ³ PAK							
1200	10	1.5	MSC010SDA120D/S	Die				
			MSC010SDA120B	TO-247				
			MSC010SDA120K	TO-220				
	15	1.5	1.5	MSC015SDA120D/S	Die			
				MSC015SDA120B	TO-247			
	30	1.5	1.5	MSC030SDA120D/S	Die			
				MSC030SDA120B	TO-247			
				MSC030SDA120K	TO-220			
				MSC030SDA120S	D ³ PAK			
				50	1.5	1.5	MSC050SDA120D/S	Die
							MSC050SDA120B	TO-247
	MSC050SDA120S	D ³ PAK						
1700	10	1.5	MSC010SDA170D/S	Die				
			MSC010SDA170B	TO-247				
	30	1.5	1.5	MSC030SDA170D/S	Die			
				MSC030SDA170B	TO-247			
	50	1.5	1.5	MSC050SDA170D/S	Die			
				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	15 mΩ	MSC015SMA070D/S	Die	
			MSC015SMA070B	TO-247	
			MSC015SMA070S	D3PAK	
80 mΩ			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	25 mΩ	MSC040SMA120S	D3PAK	
			MSC040SMA120J	SOT-227	
			MSC025SMA120D/S	Die	
			MSC025SMA120B	TO-247	
			MSC025SMA120S	D3PAK	
			MSC025SMA120J	SOT-227	
	750 mΩ	750 mΩ	MSC750SMA170D/S	Die	
			MSC750SMA170B	TO-247	
			MSC750SMA170S	D3PAK	
45 mΩ			45 mΩ	MSC045SMA170D/S	Die
				MSC045SMA170B	TO-247
				MSC045SMA170S	D3PAK