

产品概览

MBRS340: 肖特基功率整流器，表面贴装，3.0 A，40 V

欲看完整文档，请参阅数据表。

该肖特基整流器运用肖特基势垒原理，采用大面积金属-硅功率二极管。该肖特基整流器的先进几何结构采用氧化物钝化以及金属覆盖触点的外延结构。该器件适用于低电压、高频率整流，或采用表面贴装的续流和极性保护二极管的应用，其中紧凑的尺寸和重量对系统至关重要。

特性

- Small Compact Surface Mountable Package with J-Bend Leads
- Rectangular Package for Automated Handling
- Highly Stable Oxide Passivated Junction
- Excellent Ability to Withstand Reverse Avalanche Energy Transients
- Guardring for Stress Protection Mechanical Characteristics:
- Case: Epoxy, Molded
- Weight: 217 mg (approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead and Mounting Surface Temperature for Soldering Purposes: 260 C Max. for 10 Seconds
- Shipped in 16 mm Tape and Reel, 2500 units per reel

For more features, see the data sheet

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (μ A)	$I_{O(ree)}$ Max (A)	I_{FSM} Max (A)	t_r Max (ns)	C_j Max (pF)	Package Type
MBRS320T3G	0.1769	Pb-free	Active	Single	20	0.5	2000	3	80	-	-	SMC-2
		Halide free non AEC-Q and PPAP										
MBRS330T3G	0.1699	Pb-free	Active	Single	30	0.5	2000	3	80	-	-	SMC-2
		Halide free non AEC-Q and PPAP										
MBRS340T3G	0.1296	Pb-free	Active	Single	40	0.5	2000	3	80	-	-	SMC-2
		Halide free non AEC-Q and PPAP										
NRVBS330T3G	0.44	AEC Qualified	Active	Single	30	0.5	2000	3	80	-	-	SMC-2
		PPAP Capable Pb-free Halide free										
SBRS8320T3G	0.418	AEC Qualified	Active	Single	20	0.5	2000	3	80	-	-	SMC-2
		PPAP Capable Pb-free Halide free										
SBRS8340T3G	0.1951	AEC Qualified	Active	Single	40	0.5	2000	3	80	-	-	SMC-2
		PPAP Capable Pb-free Halide free										

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

创建于：9/24/2020