

产品概览

MBR140SF: 肖特基功率整流器, 表面贴装, 1.0 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具有铬势垒金属、带氧化物钝化以及金属覆盖触点的外延结构。该整流器适用于低压高频逆变器、续流二极管和极性保护二极管。

特性

- Guardring for Stress Protection
- Low Forward Voltage
- 125 C Operating Junction Temperature
- Epoxy Meets UL94, VO at 1/8 inch
- Package Designed for Optimal Automated Assembly
- ESD Ratings: Machine Model = C, Human Body Model = 3B
- All Packages are Pb-Free
- AEC-Q101 Qualified and PPAP Capable
- NRVB Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

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)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
MBR140SFT1G	0.0733	Pb-free	Active	Single	40	0.55	500	1	30	-	-	SOD-123FL
		Halide free										
MBR140SFT3G	0.0615	Pb-free	Active	Single	40	0.55	500	1	30	-	-	SOD-123FL
		Halide free										
NRVB140SFT1G	0.1127	AEC Qualified	Active	Single	40	0.55	500	1	30	-	-	SOD-123FL
		PPAP Capable										
		Pb-free										
		Halide free										
NRVB140SFT3G	0.1127	AEC Qualified	Active	Single	40	0.55	500	1	30	-	-	SOD-123FL
		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。

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