

## 产品概览

### MBR120VLSF: 1.0 A, 20 V, Schottky Power Rectifier, Surface Mount

欲看完整文档，请参阅数据表。

The MBR120VLSFT1 uses the Schottky Barrier principle with a large area metal-to-silicon power diode. Ideally suited for low voltage, high frequency rectification or as free wheeling and polarity protection diodes in surface mount applications where compact size and weight are critical to the system. This package also provides an easy to work with alternative to the leadless 34 package style. Because of its small size, it is ideal for use in portable and battery powered products such as cellular and cordless phones, chargers, notebook computers, printers, PDAs and PCMCIA cards. Typical applications are ac/dc and dc-dc converters, reverse battery protection, "ORing" of multiple supply voltages and any other application where performance and size are critical.

### 特性

- Guardring for Stress Protection
- Optimized for Very Low Forward Voltage
- 125 C Operating Junction Temperature
- Epoxy Meets UL94, VO
- Package Designed for Optimal Automated Board Assembly
- ESD Rated Machine Model C
- ESD Rated Human Body Model 3B
- Device Meets MSL 1 Requirements
- Pb-Free Packages are Available

### 器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Configuration	$V_{RRM}$ Min (V)	$V_F$ Max (V)	$I_{RM}$ Max ( $\mu$ A)	$I_{O(rec)}$ Max (A)	$I_{FSM}$ Max (A)	$t_{rr}$ Max (ns)	$C_j$ Max (pF)	Package Type
MBR120VLSFT1G	0.0951	Pb-free	Active	Single	20	0.34	600	1	45	-	-	SOD-123FL
		Halide free non AEC-Q and PPAP										
MBR120VLSFT3G	0.102	Pb-free Halide free non AEC-Q and PPAP	Active	Single	20	0.34	600	1	45	-	-	SOD-123FL

欲了解更多信息，请联系您当地的销售支援 [www.onsemi.cn](http://www.onsemi.cn)。

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