

产品概览

NVATS5A107PLZ: P-Channel Power MOSFET -40V, -55A, 17mΩ

欲看完整文档，请参阅数据表。

Automotive Power MOSFET designed for compact and efficient designs and including high thermal performance. ATPAK devices are Low on-resistance, High current capability and pin-compatible with DPAK(TO-252). AEC-Q101 qualified MOSFET and PPAP capable suitable for automotive applications.

特性

- Low On-Resistance
- High Current Capability
- 100% Avalanche Tested
- AEC-Q101 qualified and PPAP capable
- ATPAK Package is Pin-compatible with DPAK(TO-252)
- RoHS compliance

应用

- Reverse Battery Protection
- Load Switch
- Automotive Front Lighting
- Automotive Body Controllers

优势

- Minimizes Conduction Losses, Reduces Heat Generation
- Robust Load Performance
- Safeguard Against Voltage Overstress Failures
- Suitable for Automotive Applications
- Enable Replace DPAK with ATPAK without Changing Land patterns
- Environmental Consideration

终端产品

- Automotive (Head Light, Body Control)

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS(BR)}$ Min (V)	V_{GS} Max (V)	$V_{GS(th)}$ Max (V)	I_D Max (A)	P_D Max (W)	$R_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10V$ (mΩ)	Q_g Typ @ $V_{GS} = 4.5V$ (nC)	Q_g Typ @ $V_{GS} = 10V$ (nC)	C_{iss} Typ (pF)	Package Type
NVATS5A107PLZT4G	0.5279	AEC Qualified PPAP Capable Pb-free Halide free	Active	P-Channel	Single	-40	20	-2.6	-55	60	-	26	17	-	47	2400	DPAK (Single Gauge) / ATPAK

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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