

产品概览

NVATS5A108PLZ: P 沟道，功率 MOSFET，-40V，-77A，10.4mΩ

欲看完整文档，请参阅数据表。

适用于紧凑和高效设计的汽车用功率 MOSFET，且具有较高的热性能。ATPAK 器件具有低导通电阻、高电流能力，且可与 DPAK(TO-252) 针兼容。通过 AEC-Q101 认证的 MOSFET，符合生产件批准程序 (PPAP)，适用于汽车应用。

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

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

应用

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

终端产品

- Automotive (Head Light, Body Control)

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS(s)}$ Min (V)	V_{GS} Max (V)	$V_{GS(th)}$ Max (V)	I_D Max (A)	P_D Max (W)	$R_{DS(on)}$ Max @ $V_{GS} = 2.5$ V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5$ V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10$ V (mΩ)	Q_g Typ @ $V_{GS} = 4.5$ V (nC)	Q_g Typ @ $V_{GS} = 10$ V (nC)	C_{iss} Typ (pF)	Package Type
NVATS5A108PLZT4G	0.7774	AEC Qualified PPAP Capable Pb-free Halide free	Active	P-Channel	Single	-40	20	-2.6	-77	72	-	16.5	10.4	-	79.5	3850	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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