

製品概要

NVMFS5A140PLZ: Single P-Channel Power MOSFET, -40 V, -140 A, 4.2 mΩ

技術情報は、データシートをご参照ください。

Automotive Power MOSFET in a 5 x 6 mm flat lead package designed for compact and efficient designs and including high thermal performance. Wettable Flank Option available for Enhanced Optical Inspection. AEC-Q101 Qualified MOSFET and PPAP capable suitable for automotive applications.

特長

- Small Footprint (5 x 6 mm)
- Low RDS(on)
- NVMFS5A140PLZWFT: Wettable Flank Option
- AEC-Q101 qualified and PPAP capable
- RoHS compliance

利点

- Compact Design
- Minimize Conduction Losses
- Enhanced Optical Inspection
- Suitable for Automotive Applications
- Environmental Consideration

アプリケーション

- Reverse Battery Protection for Automotive
- Load Switch for Automotive

最終製品

- Automotive (Head Light, Body Control)

電気的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V _{DSS} 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
NVMFS5A140PLZT1G	1.2666	AEC Qualified PPAP Capable Pb-free Halide free	Active	P-Channel	Single	-40	20	-2.6	-140	200	-	7.2	4.2	-	136	7400	SO-8FL / DFN-5
NVMFS5A140PLZT3G	1.2666	AEC Qualified PPAP Capable Pb-free Halide free	Active	P-Channel	Single	-40	20	-2.6	-140	200	-	7.2	4.2	-	136	7400	SO-8FL / DFN-5
NVMFS5A140PLZWFT 1G	1.3333	AEC Qualified PPAP Capable Pb-free Halide free	Active	P-Channel	Single	-40	20	-2.6	-140	200	-	7.2	4.2	-	136	7400	SO-8FL / DFN-5
NVMFS5A140PLZWFT 3G	1.3333	AEC Qualified PPAP Capable Pb-free Halide free	Active	P-Channel	Single	-40	20	-2.6	-140	200	-	7.2	4.2	-	136	7400	SO-8FL / DFN-5

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

12/13/2019 作成