

Product Overview

NTMFD5C680NL: Dual N-Channel Power MOSFET 60V, 26A, 28mΩ

For complete documentation, see the data sheet.

Industrial Power MOSFET in a 5x6 mm flat lead package designed for compact and efficient designs and including high thermal performance.

Features

- Low on resistance
- High current capability
- Small footprint (5x6 mm)
- RoHS Compliant

Applications

- Motor Control
- Synchronous DC to DC Regulator
- Power Switches (High Side Driver, Low Side Driver, H-Bridges etc.)
- Battery Management and Protection

Benefits

- Minimal conduction losses
- Robust load performance
- Compact Design

End Products

- Battery Packs
- Power Supplies
- Rotary Drones
- Power Tools
- Power Over Ethernet (PoE)

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{GS}^{(BR)D}$ 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
NTMFD5C680NLT1G	Pb-free Halide free	Active	N-Channel	Dual	60	20	2.2	26	19	-	41	28	2	5	350	SO-8FL Dual / DFN-8

For more information please contact your local sales support at www.onsemi.com.

Created on: 9/19/2018