

Product Overview

FDN5618P: 60V P-Channel PowerTrench® MOSFET -1.25A, 170mΩ

For complete documentation, see the data sheet.

This 60V P-Channel MOSFET uses a high voltage PowerTrench process. It has been optimized for power management applications.

Features

- -1.25 A, -60 V
- $R_{DS(ON)} = 0.200\Omega$ @ $V_{GS} = -10$ V
- $R_{DS(ON)} = 0.230\Omega$ @ $V_{GS} = -4.5$ V
- Fast Switching Speed
- High Performance Trench Technology for Extremely Low $r_{DS(on)}$

Applications

- This product is general usage and suitable for many different applications.

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{(BR)DSS}$ 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
FDN5618P	0.194	Pb-free Halide free	Active	P-Channel	Single	-60	±20	-3	-1.25	0.5	-	230	170	-	8.6	430	SOT-23-3

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

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