

Product Overview

2SK3703: N-Channel Power MOSFET, 60V, 30A, 26mΩ , TO-220F-3SG

For complete documentation, see the data sheet.

2SK3703 is an N-Channel Power MOSFET, 60V, 30A, 26mΩ , TO-220F-3SG for General-purpose Switching Device Application.

Features

- ON-resistance $R_{DS(on)} = 20\text{m}\Omega$ (typ)
- 4.0V drive
- Input capacitance $C_{iss} = 1780\text{pF}$ (typ)

Applications

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

Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	V_{BRD} V_{SS} 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)	Pack- age Type
2SK3703-1E	Pb-free	Active	N- Chan- nel	Singl- e	60	20	-	30	$\frac{2}{25}$	-	40	26	-	40	1780	TO- 220-3 FullP ak

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

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