

## 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	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 @ $V_{GS} = 2.5\text{V}$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5\text{V}$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10\text{V}$ (mΩ)	$Q_g$ Typ @ $V_{GS} = 4.5\text{V}$ (nC)	$Q_g$ Typ @ $V_{GS} = 10\text{V}$ (nC)	$C_{iss}$ Typ (pF)	Package Type
2SK3703-1E	0.6204	Pb-free	Active	N-Channel	Single	60	20	-	30	$\frac{2}{25}$	-	40	26	-	40	1780	TO-220-3 Full Pack

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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