



Part Number: 64-4051

**Manufacturer:** Infineon Technologies

**Description :** MOSFET N-CH 55V 16A DPAK

**Category:** Discrete Semiconductor Products

**Family:** Transistors - FETs, MOSFETs - Single

**Series:** HEXFET®

**Description:**

We can supply 64-4051, use the request quote form to request 64-4051 price and lead time. Chip Inventory.com is a professional electronic components distributor. With 2+ Million line items of available electronic components can send within 24 hours, The price and lead time for 64-4051 depending on the quantity required, availability and warehouse location. Contact us today or send Email to [sales@chip-inventory.com](mailto:sales@chip-inventory.com)

**64-4051 Specifications**

<b>Part Number</b>	64-4051
<b>Part Status</b>	Obsolete
<b>FET Type</b>	N-Channel
<b>Technology</b>	MOSFET (Metal Oxide)
<b>Drain to Source Voltage (Vdss)</b>	55V
<b>Current - Continuous Drain (Id) @ 25°C</b>	16A (Tc)
<b>Drive Voltage (Max Rds On,Min Rds On)</b>	4.5V, 10V
<b>Vgs(th) (Max) @ Id</b>	3V @ 250µA
<b>Gate Charge (Qg) (Max) @ Vgs</b>	9.9nC @ 5V



<b>Vgs (Max)</b>	±16V
<b>Input Capacitance (Ciss) (Max) @ Vds</b>	380pF @ 25V
<b>FET Feature</b>	-
<b>Power Dissipation (Max)</b>	35W (Tc)
<b>Rds On (Max) @ Id, Vgs</b>	58 mOhm @ 9.6A, 10V
<b>Operating Temperature</b>	-55°C ~ 175°C (TJ)
<b>Mounting Type</b>	Surface Mount
<b>Supplier Device Package</b>	D-Pak
<b>Package / Case</b>	TO-252-3, DPak (2 Leads + Tab), SC-63