

IRF640PBF Datasheet



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DiGi Electronics Part Number	IRF640PBF-DG
Manufacturer	Vishay Siliconix
Manufacturer Product Number	IRF640PBF
Description	MOSFET N-CH 200V 18A TO220AB
Detailed Description	N-Channel 200 V 18A (Tc) 125W (Tc) Through Hole TO-220AB



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Purchase and inquiry

Manufacturer Product Number:

IRF640PBF

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

200 V

Drive Voltage (Max Rds On, Min Rds On):

10V

Vgs(th) (Max) @ Id:

4V @ 250µA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-220AB

Base Product Number:

IRF640

Manufacturer:

Vishay Siliconix

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

Current - Continuous Drain (Id) @ 25°C:

18A (Tc)

Rds On (Max) @ Id, Vgs:

180mOhm @ 11A, 10V

Gate Charge (Qg) (Max) @ Vgs:

70 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

1300 pF @ 25 V

Power Dissipation (Max):

125W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-220-3

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Affected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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