

IRF1405ZTRL Datasheet



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DiGi Electronics Part Number	IRF1405ZTRL-DG
Manufacturer	Vishay Siliconix
Manufacturer Product Number	IRF1405ZTRL
Description	MOSFET N-CH 55V 75A TO220AB
Detailed Description	N-Channel 55 V 75A (Tc) 230W (Tc) Through Hole T O-220AB

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Manufacturer Product Number:

IRF1405ZTRL

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

55 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 ~ 175°C (Tj)

Supplier Device Package:

TO-220AB

Base Product Number:

IRF1405

Manufacturer:

Vishay Siliconix

Product Status:

Discontinued at Digi-Key

Technology:

MOSFET (Metal Oxide)

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

75A (Tc)

Rds On (Max) @ Id, Vgs:

4.9mOhm @ 75A, 10V

Gate Charge (Qg) (Max) @ Vgs:

180 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

4780 pF @ 25 V

Power Dissipation (Max):

230W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-220-3

Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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