

IRFB9N30A Datasheet



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|------------------------------|---|
| DiGi Electronics Part Number | IRFB9N30A-DG |
| Manufacturer | Vishay Siliconix |
| Manufacturer Product Number | IRFB9N30A |
| Description | MOSFET N-CH 300V 9.3A TO220AB |
| Detailed Description | N-Channel 300 V 9.3A (Tc) 96W (Tc) Through Hole T O-220AB |

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Purchase and inquiry

Manufacturer Product Number:

IRFB9N30A

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

300 V

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

10V

Vgs(th) (Max) @ Id:

4V @ 250µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-220AB

Base Product Number:

IRFB9

Manufacturer:

Vishay Siliconix

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

9.3A (Tc)

Rds On (Max) @ Id, Vgs:

450mOhm @ 5.6A, 10V

Gate Charge (Qg) (Max) @ Vgs:

33 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

920 pF @ 25 V

Power Dissipation (Max):

96W (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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