

IRFB17N60K Datasheet



DiGi Electronics Part Number	IRFB17N60K-DG
Manufacturer	Vishay Siliconix
Manufacturer Product Number	IRFB17N60K
Description	MOSFET N-CH 600V 17A TO220AB
Detailed Description	N-Channel 600 V 17A (Tc) 340W (Tc) Through Hole TO-220AB



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

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Purchase and inquiry

Manufacturer Product Number:

IRFB17N60K

Series:

-

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

600 V

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

10V

Vgs(th) (Max) @ Id:

5V @ 250µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-220AB

Base Product Number:

IRFB17

Manufacturer:

Vishay Siliconix

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

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

17A (Tc)

Rds On (Max) @ Id, Vgs:

420mOhm @ 10A, 10V

Gate Charge (Qg) (Max) @ Vgs:

99 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

2700 pF @ 25 V

Power Dissipation (Max):

340W (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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