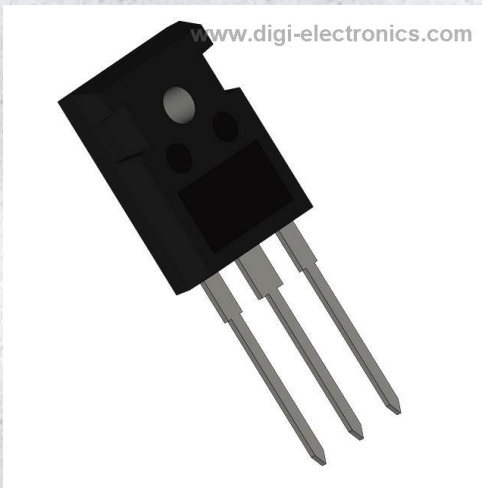


# IRFP243 Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	IRFP243-DG
Manufacturer	<a href="#">Harris Corporation</a>
Manufacturer Product Number	IRFP243
Description	N-CHANNEL POWER MOSFET
Detailed Description	N-Channel 150 V 18A (Tc) 150W (Tc) Through Hole TO-247

This model IRFP243 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

IRFP243

**Series:**

-

**FET Type:**

N-Channel

**Drain to Source Voltage (Vdss):**

150 V

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

10V

**Vgs(th) (Max) @ Id:**4V @ 250 $\mu$ A**Vgs (Max):** $\pm$ 20V**FET Feature:**

-

**Operating Temperature:**

-55°C ~ 150°C (Tj)

**Supplier Device Package:**

TO-247

**Manufacturer:**

Harris Corporation

**Product Status:**

Active

**Technology:**

MOSFET (Metal Oxide)

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

18A (Tc)

**Rds On (Max) @ Id, Vgs:**

220mOhm @ 10A, 10V

**Gate Charge (Qg) (Max) @ Vgs:**

60 nC @ 10 V

**Input Capacitance (Ciss) (Max) @ Vds:**

1275 pF @ 25 V

**Power Dissipation (Max):**

150W (Tc)

**Mounting Type:**

Through Hole

**Package / Case:**

TO-247-3

## Environmental & Export classification

**RoHS Status:**

RoHS non-compliant

**REACH Status:**

Vendor Undefined

**HTSUS:**

8541.29.0095

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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