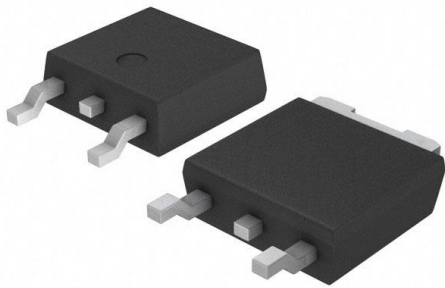


# IRFR214 Datasheet

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DiGi Electronics Part Number	IRFR214-DG
Manufacturer	<a href="#">Vishay Siliconix</a>
Manufacturer Product Number	IRFR214
Description	MOSFET N-CH 250V 2.2A DPAK
Detailed Description	N-Channel 250 V 2.2A (Tc) 2.5W (Ta), 25W (Tc) Surface Mount DPAK

This model IRFR214 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

IRFR214

**Series:**

-

**FET Type:**

N-Channel

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

250 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:**

DPAK

**Base Product Number:**

IRFR214

**Manufacturer:**

Vishay Siliconix

**Product Status:**

Obsolete

**Technology:**

MOSFET (Metal Oxide)

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

2.2A (Tc)

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

20hm @ 1.3A, 10V

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

8.2 nC @ 10 V

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

140 pF @ 25 V

**Power Dissipation (Max):**

2.5W (Ta), 25W (Tc)

**Mounting Type:**

Surface Mount

**Package / Case:**

TO-252-3, DPAK (2 Leads + Tab), SC-63

## 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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