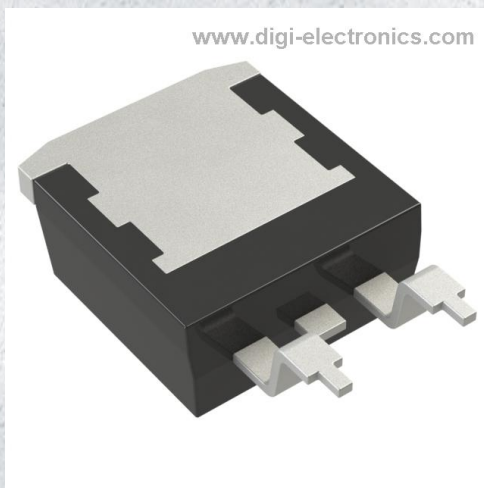


# IXFA220N06T3 Datasheet



DiGi Electronics Part Number	IXFA220N06T3-DG
Manufacturer	<a href="#">IXYS</a>
Manufacturer Product Number	IXFA220N06T3
Description	MOSFET N-CH 60V 220A TO263
Detailed Description	N-Channel 60 V 220A (Tc) 440W (Tc) Surface Mount TO-263



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## Purchase and inquiry

**Manufacturer Product Number:**

IXFA220N06T3

**Series:**

HiperFET™, TrenchT3™

**FET Type:**

N-Channel

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

60 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-263

**Base Product Number:**

IXFA220

**Manufacturer:**

IXYS

**Product Status:**

Last Time Buy

**Technology:**

MOSFET (Metal Oxide)

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

220A (Tc)

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

4mOhm @ 100A, 10V

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

136 nC @ 10 V

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

8500 pF @ 25 V

**Power Dissipation (Max):**

440W (Tc)

**Mounting Type:**

Surface Mount

**Package / Case:**

TO-263-3, D2PAK (2 Leads + Tab), TO-263AB

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8541.29.0095

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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