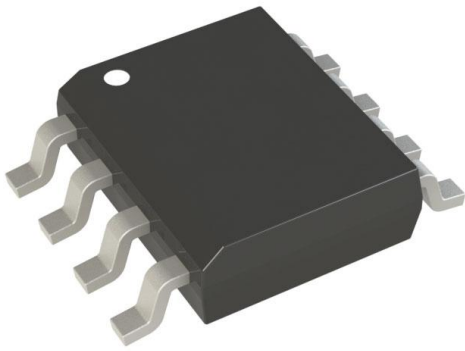


# SI4888DY-T1-E3 Datasheet

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DiGi Electronics Part Number	SI4888DY-T1-E3-DG
Manufacturer	<a href="#">Vishay Siliconix</a>
Manufacturer Product Number	SI4888DY-T1-E3
Description	MOSFET N-CH 30V 11A 850
Detailed Description	N-Channel 30 V 11A (Ta) 1.6W (Ta) Surface Mount 8-SOIC

This model SI4888DY-T1-E3 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

SI4888DY-T1-E3

**Series:**

TrenchFET®

**FET Type:**

N-Channel

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

30 V

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

4.5V, 10V

**Vgs(th) (Max) @ Id:**

1.6V @ 250µA

**Vgs (Max):**

±20V

**Power Dissipation (Max):**

1.6W (Ta)

**Mounting Type:**

Surface Mount

**Package / Case:**

8-SOIC (0.154", 3.90mm Width)

**Manufacturer:**

Vishay Siliconix

**Product Status:**

Obsolete

**Technology:**

MOSFET (Metal Oxide)

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

11A (Ta)

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

7mOhm @ 16A, 10V

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

24 nC @ 5 V

**FET Feature:**

-

**Operating Temperature:**

-55°C ~ 150°C (TJ)

**Supplier Device Package:**

8-SOIC

**Base Product Number:**

SI4888

## 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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