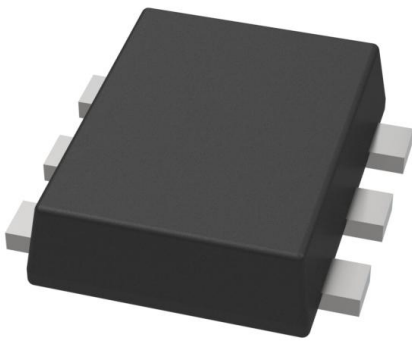


# SSM6K809R,LF Datasheet

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DiGi Electronics Part Number	SSM6K809R,LF-DG
Manufacturer	<a href="#">Toshiba Semiconductor and Storage</a>
Manufacturer Product Number	SSM6K809R,LF
Description	SMALL SIGNAL MOSFET N-CH VDSS=60
Detailed Description	N-Channel 60 V 6A (Ta) 1.5W (Ta) Surface Mount 6-TSOP-F

This model SSM6K809R,LF is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

SSM6K809R,LF

**Series:**

U-MOSVIII-H

**FET Type:**

N-Channel

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

60 V

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

4V, 10V

**Vgs(th) (Max) @ Id:**2.5V @ 100 $\mu$ A**Vgs (Max):** $\pm$ 20V**FET Feature:**

-

**Operating Temperature:**

175°C

**Supplier Device Package:**

6-TSOP-F

**Base Product Number:**

SSM6K809

**Manufacturer:**

Toshiba Semiconductor and Storage

**Product Status:**

Active

**Technology:**

MOSFET (Metal Oxide)

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

6A (Ta)

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

36mOhm @ 5A, 10V

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

9.3 nC @ 10 V

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

550 pF @ 10 V

**Power Dissipation (Max):**

1.5W (Ta)

**Mounting Type:**

Surface Mount

**Package / Case:**

6-SMD, Flat Leads

## 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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