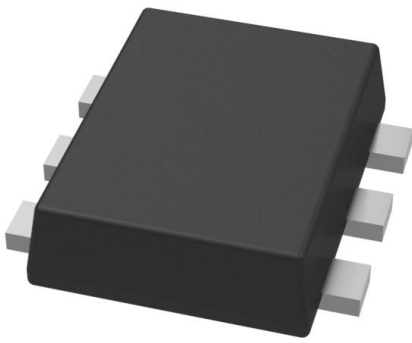


SSM6L820R,LXHF Datasheet

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DiGi Electronics Part Number	SSM6L820R,LXHF-DG
Manufacturer	Toshiba Semiconductor and Storage
Manufacturer Product Number	SSM6L820R,LXHF
Description	MOSFET N/P-CH 30V/20V 4A 6TSOPF
Detailed Description	Mosfet Array 30V, 20V 4A (Ta) 1.4W (Ta) Surface Mount 6-TSOP-F



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Purchase and inquiry

Manufacturer Product Number:

SSM6L820R,LXHF

Series:

-

Technology:

MOSFET (Metal Oxide)

FET Feature:

-

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

4A (Ta)

Vgs(th) (Max) @ Id:

1V @ 1mA, 1.2V @ 1mA

Input Capacitance (Ciss) (Max) @ Vds:

310pF @ 15V, 480pF @ 10V

Operating Temperature:

150°C

Qualification:

AEC-Q101

Package / Case:

6-SMD, Flat Leads

Base Product Number:

SSM6L820

Manufacturer:

Toshiba Semiconductor and Storage

Product Status:

Active

Configuration:

N and P-Channel

Drain to Source Voltage (Vdss):

30V, 20V

Rds On (Max) @ Id, Vgs:

39.1mOhm @ 2A, 4.5V, 45mOhm @ 3.5A, 10V

Gate Charge (Qg) (Max) @ Vgs:

3.2nC @ 4.5V, 6.7nC @4.5V

Power - Max:

1.4W (Ta)

Grade:

Automotive

Mounting Type:

Surface Mount

Supplier Device Package:

6-TSOP-F

Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

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