

RJK0393DPA-00#J5A Datasheet



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DiGi Electronics Part Number	RJK0393DPA-00#J5A-DG
Manufacturer	Renesas Electronics Corporation
Manufacturer Product Number	RJK0393DPA-00#J5A
Description	MOSFET N-CH 30V 40A 8WPAK
Detailed Description	N-Channel 30 V 40A (Ta) 40W (Tc) Surface Mount 8-WPAK

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Manufacturer Product Number:

RJK0393DPA-00#J5A

Series:

-

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:

-

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

150°C (TJ)

Supplier Device Package:

8-WPAK

Base Product Number:

RJK0393

Manufacturer:

Renesas Electronics Corporation

Product Status:

Active

Technology:

MOSFET (Metal Oxide)

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

40A (Ta)

Rds On (Max) @ Id, Vgs:

4.3mOhm @ 20A, 10V

Gate Charge (Qg) (Max) @ Vgs:

21 nC @ 4.5 V

Input Capacitance (Ciss) (Max) @ Vds:

3270 pF @ 10 V

Power Dissipation (Max):

40W (Tc)

Mounting Type:

Surface Mount

Package / Case:

8-PowerWDFN

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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