

MBRS3045CT MNG Datasheet

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DiGi Electronics Part Number	MBRS3045CT MNG-DG
Manufacturer	Taiwan Semiconductor Corporation
Manufacturer Product Number	MBRS3045CT MNG
Description	DIODE ARR SCHOTT 45V 30A TO263AB
Detailed Description	Diode Array 1 Pair Common Cathode 45 V 30A Surface Mount TO-263-3, D2PAK (2 Leads + Tab), TO-263AB

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Manufacturer Product Number:

MBRS3045CT MNG

Series:

-

Diode Configuration:

1 Pair Common Cathode

Voltage - DC Reverse (Vr) (Max):

45 V

Voltage - Forward (Vf) (Max) @ If:

900 mV @ 30 A

Current - Reverse Leakage @ Vr:

200 μ A @ 45 V

Mounting Type:

Surface Mount

Supplier Device Package:

TO-263AB (D2PAK)

Manufacturer:

Taiwan Semiconductor Corporation

Product Status:

Active

Technology:

Schottky

Current - Average Rectified (Io) (per Diode):

30A

Speed:

Fast Recovery \leq 500ns, $>$ 200mA (Io)

Operating Temperature - Junction:

-55°C ~ 150°C

Package / Case:

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

Base Product Number:

MBRS3045

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.10.0080

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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