

# S3B R7G Datasheet

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DiGi Electronics Part Number	S3B R7G-DG
Manufacturer	<a href="#">Taiwan Semiconductor Corporation</a>
Manufacturer Product Number	S3B R7G
Description	DIODE GEN PURP 100V 3A DO214AB
Detailed Description	Diode 100 V 3A Surface Mount DO-214AB (SMC)

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## Purchase and inquiry

**Manufacturer Product Number:**

S3B R7G

**Series:**

-

**Technology:**

Standard

**Current - Average Rectified (Io):**

3A

**Speed:**

Standard Recovery &gt;500ns, &gt; 200mA (Io)

**Current - Reverse Leakage @ Vr:**5  $\mu$ A @ 100 V**Mounting Type:**

Surface Mount

**Supplier Device Package:**

DO-214AB (SMC)

**Base Product Number:**

S3B

**Manufacturer:**

Taiwan Semiconductor Corporation

**Product Status:**

Discontinued at Digi-Key

**Voltage - DC Reverse (Vr) (Max):**

100 V

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

1.15 V @ 3 A

**Reverse Recovery Time (trr):**1.5  $\mu$ s**Capacitance @ Vr, F:**

30pF @ 4V, 1MHz

**Package / Case:**

DO-214AB, SMC

**Operating Temperature - Junction:**

-55°C ~ 150°C

## 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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