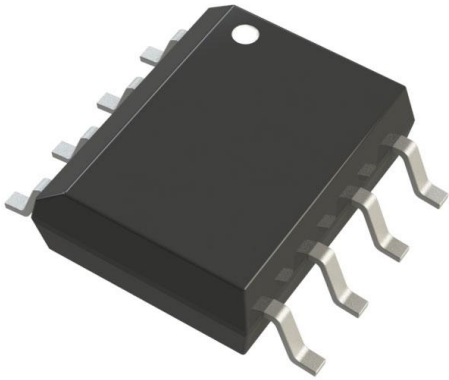


# AP64102QSP-13 Datasheet

www.digi-electronics.com



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DiGi Electronics Part Number	AP64102QSP-13-DG
Manufacturer	<a href="#">Diodes Incorporated</a>
Manufacturer Product Number	AP64102QSP-13
Description	IC REG BUCK ADJUSTABLE 1A 850
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8 V 1 Output 1A 8-SOIC (0.154", 3.90mm Width) Exposed Pad

This model AP64102QSP-13 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

AP64102QSP-13

**Series:**

-

**Function:**

Step-Down

**Topology:**

Buck

**Number of Outputs:**

1

**Voltage - Input (Max):**

40V

**Voltage - Output (Max):**

40V

**Frequency - Switching:**

500kHz, 100kHz ~ 2.2MHz

**Operating Temperature:**

-40°C ~ 125°C (TA)

**Qualification:**

AEC-Q100

**Package / Case:**

8-SOIC (0.154", 3.90mm Width) Exposed Pad

**Base Product Number:**

AP64102

**Manufacturer:**

Diodes Incorporated

**Product Status:**

Active

**Output Configuration:**

Positive

**Output Type:**

Adjustable

**Voltage - Input (Min):**

3.8V

**Voltage - Output (Min/Fixed):**

0.8V

**Current - Output:**

1A

**Synchronous Rectifier:**

Yes

**Grade:**

Automotive

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

8-SO-EP

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.39.0001

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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