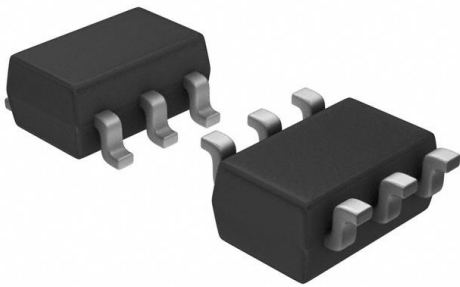


AOZ8000CIL Datasheet

www.digi-electronics.com



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	AOZ8000CIL-DG
Manufacturer	Alpha & Omega Semiconductor Inc.
Manufacturer Product Number	AOZ8000CIL
Description	TVS DIODE 5VWM 15VC SOT23-6
Detailed Description	15V Clamp 5A (8/20µs) Ipp Tvs Diode Surface Mount SOT-23-6

This model AOZ8000CIL is available at DiGi Electronics.

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We welcome your inquiries regarding pricing, lead time, or other product-related questions.

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Purchase and inquiry

Manufacturer Product Number:

AOZ8000CIL

Series:

-

Type:

Steering (Rail to Rail)

Voltage - Reverse Standoff (Typ):

5V

Voltage - Clamping (Max) @ Ipp:

15V

Power - Peak Pulse:

60W

Applications:

Ethernet

Operating Temperature:

-55°C ~ 125°C (TJ)

Package / Case:

SOT-23-6

Base Product Number:

AOZ8000

Manufacturer:

Alpha & Omega Semiconductor Inc.

Product Status:

Obsolete

Unidirectional Channels:

4

Voltage - Breakdown (Min):

6.6V

Current - Peak Pulse (10/1000µs):

5A (8/20µs)

Power Line Protection:

Yes

Capacitance @ Frequency:

1.85pF @ 1MHz

Mounting Type:

Surface Mount

Supplier Device Package:

SOT-23-6

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.10.0080

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99



AOS Green Policy

As a responsible global citizen, AOS is committed to protecting our environment by becoming a Green supplier. We began this effort by converting our products to be RoHS compliant starting in August 2004 and achieving RoHS compliance conversion in July 2005. The second effort is having eliminated brominate based flame retardant in our molding compounds and set forth the green raw material selection rule (as known “Halogen free”, “Low halogen” as well) for further package development by end of 2010 year.

Substance	Limitation On homogenous material level	Applied scope and typical purpose
Bromine	<900ppm	Resin, Rubber, organic materials, used as flame retardant
Chlorine	<900ppm	
Total Bromine and Chlorine	<1500ppm	
Antimony	<900ppm	

Present Status

All of packages have converted to Green (Halogen free / Low halogen) version by 2010 year. Only several Non-halogen free packages, limited to TO220, TO220F/L, TO262, TO247, remained per customers’ demands, AOS is using of dual part numbers for the device built in these package, A suffix “L” will be added to partnumber to identify green version. The table is given for better- understand and identification.

Package	Part # (Non-halogen free)	Part # (Green)
TO220	AOTxxxx	AOTxxxxL
TO220F/TO220FL	AOTFxxxx	AOTFxxxxL
TO263	AOBxxxx	AOBxxxxL
TO247	AOKxxxx	AOKxxxxL

You may find the partnumber with suffix “L” built in other packages, this is for identification of green version, when we converted to green, in this case, partnumber with / without suffix “L” late than date code 2010 year are green part.

OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

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