

The Diodes Incorporated logo is displayed in the top left corner, featuring the word "DIODES" in a large, bold, blue sans-serif font, with "INCORPORATED" in a smaller, blue sans-serif font directly below it. To the right of the logo, the word "PERICOM" is written in a blue sans-serif font, followed by a small blue square icon containing the word "TECH" in white. Further to the right, the text "ANALOG & POWER MANAGEMENT" is written in a very small, blue sans-serif font. On the right side of the header, the text "Diodes Incorporated" is written in a large, bold, black sans-serif font. Below the header, two black diode components are shown against a white background. The component in the upper left is a square package with a white square in the center and eight pins. The component in the lower right is a rectangular package with four pins and a small circular mark on its top surface.

AP3581CMP-G1

Part Number:

Manufacturer/Brand:

Product des
Datasheets:

RoHS Status

Stock Condition

Ship From

Shipment Way

AP3581CMP-G1

Diodes Incorporated

TC REG CTRLR BUCK 8PSOP

AP3581CMP-G1.pdf

✓ Lead free / RoHS Compliant

2715 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

Image may be representation. See specifications for product details.

REQUEST FOR QUOTATION

Specifications of AP3581CMP-G1

PART NUMBER	AP3581CMP-G1
MANUFACTURER	Diodes Incorporated
DESCRIPTION	IC REG CTRLR BUCK 8PSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2715 pcs
DATA SHEET	PDF AP3581CMP-G1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 13.2 V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	8-PSOP
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width) Exposed Pad
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down
FREQUENCY - SWITCHING	200kHz
DUTY CYCLE (MAX)	80%
DETAILED DESCRIPTION	Buck Regulator Positive Output Step-Down DC-DC Controller IC 8-PSOP
CONTROL FEATURES	Enable, Phase Control
CLOCK SYNC	No

Related Tags

Diodes Incorporated AP3581CMP-G1	AP3581CMP-G1 Distributor	AP3581CMP-G1 Supplier
AP3581CMP-G1 Price	AP3581CMP-G1 Pictures	AP3581CMP-G1 Image
AP3581CMP-G1 PDF Datasheet	AP3581CMP-G1 Download Datasheet	AP3581CMP-G1 Datasheet
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Zetex Semiconductors (Diodes Incorporated) AP3581CMP-G1		

Related Products

	AP3512EMTR-G1 Manufacturers: Diodes Incorporated Description: IC REG BUCK ADJ 2A SYNC In stock: 609448 pcs RFQ		AP3581BMP-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8PSOP In stock: 3447 pcs RFQ
	AP3581CMPTR-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8PSOP In stock: 5297 pcs RFQ		AP3585AMTR-G1 Manufacturers: Diodes Incorporated Description: IC REG BUCK In stock: 149789 pcs RFQ
	AP3585BMPTR-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8SO In stock: 2829 pcs RFQ		AP3513EMPTR-G1 Manufacturers: Diodes Incorporated Description: IC REG BUCK ADJ 3A SYNC 8SOIC In stock: 149789 pcs RFQ
	AP3585CMPTR-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8SO In stock: 4706 pcs RFQ		AP3585AMPTR-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8SO In stock: 7073 pcs RFQ
	AP3581BMPTR-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8SOIC In stock: 2914 pcs RFQ		AP3585BMTR-G1 Manufacturers: Diodes Incorporated Description: IC REG BUCK In stock: 3635 pcs RFQ
	AP3581AMPTR-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8PSOP In stock: 3624 pcs RFQ		AP3581AMP-G1 Manufacturers: Diodes Incorporated Description: IC REG CTRLR BUCK 8PSOP In stock: 5651 pcs RFQ