



Image may be representation. See specifications for product details.

SG7812AK

Part Number:	SG7812AK
Manufacturer/Brand:	Microsemi
Product description	IC REG LINEAR 500MA TO3
Datasheets:	 SG7812AK.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	6142 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SG7812AK

PART NUMBER	SG7812AK
MANUFACTURER	Microsemi
DESCRIPTION	IC REG LINEAR 500MA TO3
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6142 pcs
DATA SHEET	 SG7812AK.pdf
VOLTAGE DROPOUT (MAX)	2.5V @ 500mA
VOLTAGE - OUTPUT (MIN/FIXED)	12V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	50V
SUPPLIER DEVICE PACKAGE	TO-204AD (TO-3)
SERIES	Military, MIL-STD-883
PROTECTION FEATURES	Over Current, Over Temperature
PACKAGING	Bulk
PACKAGE / CASE	TO-204AA, TO-3
PSRR	61dB (120Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-55°C ~ 125°C (TA)
NUMBER OF REGULATORS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 12V 1.5A TO-204AD (TO-3)
CURRENT - SUPPLY (MAX)	7mA
CURRENT - OUTPUT	1.5A
CONTROL FEATURES	Current Limit, Enable
BASE PART NUMBER	SG7812

Related Tags

Microsemi SG7812AK	SG7812AK Distributor	SG7812AK Supplier
SG7812AK Price	SG7812AK Pictures	SG7812AK Image
SG7812AK PDF Datasheet	SG7812AK Download Datasheet	SG7812AK Datasheet
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Microsemi SG7812AK	Microsemi Analog Mixed Signal Group SG7812AK	Microsemi Analog Mixed Signal Group [MIL] SG7812AK
Microsemi Consumer Medical Product Group SG7812AK	Microsemi HI-REL [MIL] SG7812AK	Microsemi Power Management Group SG7812AK
Microsemi Power Products Group SG7812AK	Microsemi SoC SG7812AK	Microsemi Commercial Components Group SG7812AK
Microsemi Corporation SG7812AK	Microsemi Solutions Sdn Bhd. SG7812AK	

Related Products

 SG7805T Manufacturers: Microsemi Description: IC REG LINEAR 100MA TO99 In stock: 4189 pcs RFQ	 SG7812AT Manufacturers: Microsemi Description: IC REG LINEAR 100MA TO99 In stock: 5912 pcs RFQ
 SG7812AIG-883B Manufacturers: Microsemi Description: IC REG LINEAR 500MA TO257 In stock: 5189 pcs RFQ	 SG7812AIG Manufacturers: Microsemi Description: IC REG LINEAR 500MA TO257 In stock: 5713 pcs RFQ
 SG7812K Manufacturers: Microsemi Description: IC REG LINEAR 500MA TO3 In stock: 5002 pcs RFQ	 SG7812AG-DESC Manufacturers: Microsemi Description: IC REG LINEAR 12V 1.5A TO257 In stock: 6251 pcs RFQ
 SG7812AK-DESC Manufacturers: Microsemi Description: IC REG LINEAR 12V 500MA TO3 In stock: 3168 pcs RFQ	 SG7812K-883B Manufacturers: Microsemi Description: IC REG LINEAR 12V 1.5A TO3 In stock: 1695 pcs RFQ
 SG7812AT-883B Manufacturers: Microsemi Description: IC REG LINEAR 12V 500MA TO39 In stock: 5768 pcs RFQ	 SG7805T-883B Manufacturers: Microsemi Description: IC REG LINEAR 5V 500MA TO39 In stock: 4875 pcs RFQ
 SG7812AT-DESC Manufacturers: Microsemi Description: IC REG LINEAR 12V 500MA TO39 In stock: 1987 pcs RFQ	 SG7805T-JAN Manufacturers: Microsemi Description: IC REG LINEAR 5V 500MA TO39 In stock: 7039 pcs RFQ