

**SG7805AT-DESC**



**Part Number:** [SG7805AT-DESC](#)  
**Manufacturer:** [Microsemi](#)  
**Description:** IC REG LINEAR 5V 500MA TO39  
**Data sheet:** [SG78xx\(A\) Series](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.  
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**PRODUCT PARAMETER**

<b>Part Number</b>	SG7805AT-DESC	<b>Manufacturer</b>	<a href="#">Microsemi</a>
<b>Description</b>	IC REG LINEAR 5V 500MA TO39	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	4819 pcs	<b>Data sheet</b>	<a href="#">SG78xx(A) Series</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage Dropout (Max)</b>	2.5V @ 500mA
<b>Voltage - Output (Min/Fixed)</b>	5V	<b>Voltage - Output (Max)</b>	-
<b>Voltage - Input (Max)</b>	35V	<b>Supplier Device Package</b>	TO-39
<b>Series</b>	Military, MIL-STD-883	<b>Protection Features</b>	Over Current, Over Temperature
<b>Packaging</b>	Tray	<b>Package / Case</b>	TO-205AD, TO-39-3 Metal Can
<b>PSRR</b>	68dB (120Hz)	<b>Output Type</b>	Fixed
<b>Output Configuration</b>	Positive	<b>Other Names</b>	1259-1035 1259-1035-MIL 5962-8778201XA SG7805ATDESC
<b>Operating Temperature</b>	-55°C ~ 125°C	<b>Number of Regulators</b>	1
<b>Mounting Type</b>	Through Hole	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Detailed Description</b>	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 500mA TO-39
<b>Current - Quiescent (Iq)</b>	7mA	<b>Current - Output</b>	500mA
<b>Control Features</b>	-	<b>Base Part Number</b>	SG7805

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	<b>Part#:</b> <a href="#">SG75</a> <b>Description:</b> GDT 75V 2KA SURFACE MOUNT	<b>Manufacturers:</b> <a href="#">Hamlin / Littelfuse</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805K</a> <b>Description:</b> IC REG LINEAR 1.5A TO3	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG723J-JAN</a> <b>Description:</b> IC REG LIN POS ADJ 150MA 14-CDIP	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805AT</a> <b>Description:</b> IC REG LINEAR 500MA TO39	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805K-883B</a> <b>Description:</b> IC REG LINEAR 5V 1.5A TO3	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805AK-883B</a> <b>Description:</b> IC REG LINEAR 500MA TO3	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805T-JAN</a> <b>Description:</b> IC REG LINEAR 5V 500MA TO39	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7812AK</a> <b>Description:</b> IC REG LINEAR 500MA TO3	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805AK</a> <b>Description:</b> IC REG LINEAR 1.5A TO3	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG723T-JAN</a> <b>Description:</b> IC REG LINEAR 150MA METAL CAN	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG710ECK-50.000ML</a> <b>Description:</b> OSC XO 50.000MHZ CMOS SMD	<b>Manufacturers:</b> <a href="#">Epson</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG723T</a> <b>Description:</b> IC REG LINEAR 150MA TO99	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805AT-883B</a> <b>Description:</b> IC REG LINEAR 5V 500MA TO39	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7812AIG</a> <b>Description:</b> IC REG LINEAR 500MA TO257	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7812AIG-883B</a> <b>Description:</b> IC REG LINEAR 500MA TO257	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805K-JAN</a> <b>Description:</b> IC REG LINEAR 500MA TO3	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7812AG-DESC</a> <b>Description:</b> IC REG LINEAR 12V 1.5A TO257	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805T-883B</a> <b>Description:</b> IC REG LINEAR 5V 500MA TO39	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SG7805AK-DESC</a> <b>Description:</b> IC REG LINEAR 5V 1.5A TO3	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
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