



Image may be representation.  
See specifications for product details.

### SC9301MLTRT

Part Number: **SC9301MLTRT**  
 Product Description: IC REG BUCK ADJ 10A SYNC 32MLPQ  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [SC9301MLTRT.pdf](#)

Manufacturer/Brand: Semtech  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	SC9301MLTRT	<b>Manufacturer</b>	Semtech
<b>Description</b>	IC REG BUCK ADJ 10A SYNC 32MLPQ	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	SC9301MLTRT.pdf		
<b>Voltage - Output (Min/Fixed)</b>	0.6V	<b>Voltage - Output (Max)</b>	5.5V
<b>Voltage - Input (Min)</b>	3V	<b>Voltage - Input (Max)</b>	28V
<b>Topology</b>	Buck	<b>Synchronous Rectifier</b>	Yes
<b>Supplier Device Package</b>	32-MLPQ (5x5)	<b>Series</b>	EcoSpeed®
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	32-VFQFN Exposed Pad
<b>Output Type</b>	Adjustable	<b>Output Configuration</b>	Positive
<b>Other Names</b>	SC9301MLTRTTR	<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)
<b>Number of Outputs</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Function</b>	Step-Down	<b>Frequency - Switching</b>	200kHz ~ 1MHz
<b>Detailed Description</b>	Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 10A 32-VFQFN Exposed Pad	<b>Current - Output</b>	10A

#### Related Products

<p><b>SC908LL64J0CLK</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC MCU 8BIT 64KB FLASH 80LQFP  <a href="#">RFQ</a></p>	<p><b>SC900841JVK</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC POWER MGT 338-MAPBGA                  Download: <a href="#">SC900841JVK.pdf</a>  <a href="#">RFQ</a></p>
<p><b>SC900</b>                  Manufacturers: Conxall / Switchcraft                  Description: INSTRUMENT DIRECT BOX                  Download: <a href="#">SC900.pdf</a>  <a href="#">RFQ</a></p>	<p><b>SC9328MXSVP15</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC MPU I.MXS 150MHZ 225BGA  <a href="#">RFQ</a></p>
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<p><b>SC900AMLTRT</b>                  Manufacturers: Semtech                  Description: IC REG LINEAR 1.45V/1.75V 20MLPQ                  Download: <a href="#">SC900AMLTRT.pdf</a>  <a href="#">RFQ</a></p>	<p><b>SC900841JVKR2</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC POWER MGT 338-MAPBGA                  Download: <a href="#">SC900841JVKR2.pdf</a>  <a href="#">RFQ</a></p>
<p><b>LM22676QTJ-5.0/NOPB</b>                  Manufacturers: N/A                  Description: IC REG BUCK 5V 3A TO-263  <a href="#">RFQ</a></p>	<p><b>LT3505EDD#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 1.2A 8DFN                  Download: <a href="#">LT3505EDD#TRPBF.pdf</a>  <a href="#">RFQ</a></p>

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