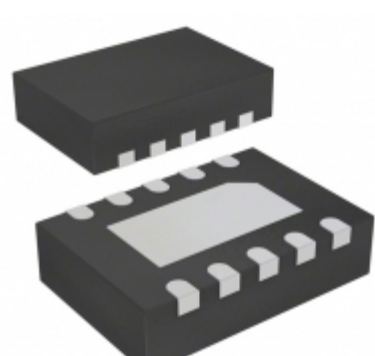


## MAX17502GATB+T



**Part Number:** [MAX17502GATB+T](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC REG BUCK ADJ 1A SYNC 10TDFN

**Data sheet:** [MAX17502](#)

[Part Numbering System](#)

[EE-Sim Design, Simulation Environment Guide](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	MAX17502GATB+T	<b>Manufacturer</b>	<a href="#">Maxim Integrated</a>
<b>Description</b>	IC REG BUCK ADJ 1A SYNC 10TDFN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	45389 pcs	<b>Data sheet</b>	<a href="#">MAX17502</a> <a href="#">Part Numbering System</a> <a href="#">EE-Sim Design, Simulation Environment</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Output (Min/Fixed)</b>	<a href="#">Guide</a> 0.9V
<b>Voltage - Output (Max)</b>	55.2V	<b>Voltage - Input (Min)</b>	4.5V
<b>Voltage - Input (Max)</b>	60V	<b>Topology</b>	Buck
<b>Synchronous Rectifier</b>	Yes	<b>Supplier Device Package</b>	10-TDFN (3x2)
<b>Series</b>	Himalaya	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	10-WDFN Exposed Pad	<b>Output Type</b>	Adjustable
<b>Output Configuration</b>	Positive	<b>Other Names</b>	MAX17502GATB+T-ND MAX17502GATB+TTR
<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>Manufacturer Standard Lead Time</b>	13 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Function</b>	Step-Down	<b>Frequency - Switching</b>	600kHz
<b>Detailed Description</b>	Buck Switching Regulator IC Positive Adjustable 0.9V 1 Output 1A 10-WDFN Exposed Pad	<b>Current - Output</b>	1A
<b>Base Part Number</b>	MAX17502		

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">MAX17502MEVAL#</a> <b>Description:</b> DEMO BOARD FOR 60V 1A DC-DC CONV	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502EVKIT+</a> <b>Description:</b> KIT EVALUATION FOR MAX17502	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502HAUD+T</a> <b>Description:</b> IC REG BUCK ADJ 1A SYNC 14TSSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17503ATP+T</a> <b>Description:</b> IC REG BUCK ADJ 2.5A SYNC 20TQFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502HAUD+</a> <b>Description:</b> IC REG BUCK ADJ 1A SYNC 14TSSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502MATB+</a> <b>Description:</b> IC REGULATOR	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502EATB+T</a> <b>Description:</b> IC REG BUCK 3.3V 1A SYNC 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502ETEVKIT#</a> <b>Description:</b> KIT EVAL FOR MAX17502ET	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502GTEVKIT#</a> <b>Description:</b> KIT EVAL FOR MAX17502TE	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502BATB+T</a> <b>Description:</b> IC REG BUCK SYNC 1A 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502MATB+T</a> <b>Description:</b> IC REGULATOR	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502EATB+</a> <b>Description:</b> IC REG BUCK 3.3V 1A SYNC 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502AATB+T</a> <b>Description:</b> IC REG BUCK SYNC 1A 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17503ATP+</a> <b>Description:</b> IC REG BUCK ADJ 2.5A SYNC 20TQFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17503EVKITB#</a> <b>Description:</b> EVAL KIT FOR MAX17503	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502FATB+</a> <b>Description:</b> IC REG BUCK 5V 1A SYNC 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502FATB+T</a> <b>Description:</b> IC REG BUCK 5V 1A SYNC 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17503EVKITA#</a> <b>Description:</b> EVAL KIT FOR MAX17503	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502GATB+</a> <b>Description:</b> IC REG BUCK ADJ 1A SYNC 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17502FTEVKIT#</a> <b>Description:</b> KIT EVAL FOR MAX17502FT	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>

### Related keywords for MAX17502GATB+T

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