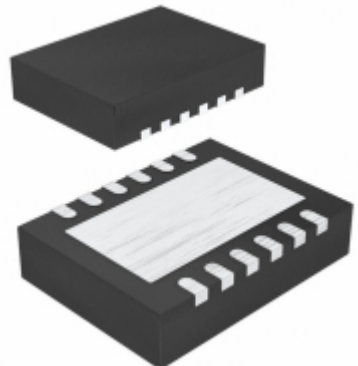


## TPS63020QDSJTQ1



**Part Number:** [TPS63020QDSJTQ1](#)  
**Manufacturer:** [Luminary Micro / Texas Instruments](#)  
**Description:** IC REG BUCK BST ADJ 3.5A  
**Data sheet:** [PDF TPS63020-Q1](#)

**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

Part Number	<a href="#">TPS63020QDSJTQ1</a>
Manufacturer	<a href="#">Luminary Micro / Texas Instruments</a>
Description	IC REG BUCK BST ADJ 3.5A
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	52516 pcs
Product Photo	<a href="#">TPS63020QDSJTQ1.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Output (Min/Fixed)	1.2V
Voltage - Output (Max)	5.5V
Voltage - Input (Min)	1.8V
Voltage - Input (Max)	5.5V
Topology	Buck-Boost
Synchronous Rectifier	Yes
Supplier Device Package	14-VSON (4x3)
Series	Automotive, AEC-Q100
Packaging	Tape & Reel (TR)
Package / Case	14-VDFDN Exposed Pad
Output Type	Adjustable
Output Configuration	Positive
Other Names	296-43271-2
Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	1
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up/Step-Down
Frequency - Switching	2.4MHz
Detailed Description	Buck-Boost Switching Regulator IC Positive Adjustable 1.2V 1 Output 3.5A (Switch) 14-VDFDN Exposed Pad
Current - Output	3.5A (Switch)

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	Part#: <a href="#">TPS630240EVM-553</a> Description: EVALUATION MODULE TPS630240	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 1710	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63020DSJT</a> Description: IC REG BUCK BST ADJ 3.5A 14VSON	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 39416	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63011YFFT</a> Description: IC REG BUCK BST PROG 2A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 62291	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63024YFFT</a> Description: IC REG BCK BST ADJ 2.12A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 81834	<a href="#">RFQ</a>
	Part#: <a href="#">TPS630242YFFR</a> Description: BUCK-BOOST FIXED 2.12A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 97296	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63020DSJR</a> Description: IC REG BUCK BST ADJ 3.5A 14VSON	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 70243	<a href="#">RFQ</a>
	Part#: <a href="#">TPS630241YFFR</a> Description: BUCK-BOOST FIXED 2.12A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 94875	<a href="#">RFQ</a>
	Part#: <a href="#">TPS630241YFFT</a> Description: IC REG BCK BST 2.9V SYNC 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 50379	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63010YFFT</a> Description: IC REG BUCK BOOST ADJ 2A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 52726	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63012YFFT</a> Description: IC REG BUCK BST PROG 2A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 57978	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63020QDSJRQ1</a> Description: IC REG BUCK BST ADJ 3.5A	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 67864	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63024YFFR</a> Description: BUCK-BOOST ADJ 2.12A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 60132	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63011YFFR</a> Description: IC REG BUCK BST PROG 2A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 66507	<a href="#">RFQ</a>
	Part#: <a href="#">TPS630242YFFT</a> Description: IC REG BCK BST 3.3V SYNC 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 75130	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63021DSJR</a> Description: IC REG BUCK BST 3.3V 3.5A 14VSON	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 84959	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63020EVM-487</a> Description: EVAL MOD FOR TPS63020	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 1682	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63010YFFR</a> Description: IC REG BUCK BOOST ADJ 2A 20DSBGA	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 65729	<a href="#">RFQ</a>
	Part#: <a href="#">TPS63021DSJT</a> Description: IC REG BUCK BST 3.3V 3.5A 14VSON	Manufacturers: <a href="#">Luminary Micro / Texas Instruments</a> In Stock: 63218	<a href="#">RFQ</a>
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