

AS1310-BTDT-20



am

Part Number: [AS1310-BTDT-20](#)

Manufacturer [ams](#)

Description IC REG BOOST 2V 0.32A 8TDFN

Data sheet:  [AS1310](#)

RoHs Status: Lead free / RoHS Compliant

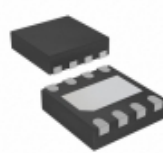
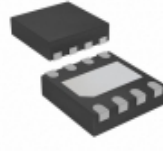
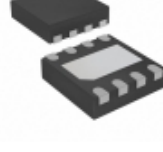
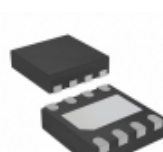
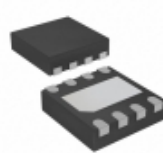
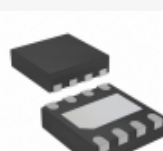
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1310-BTDT-20	Manufacturer	ams
Description	IC REG BOOST 2V 0.32A 8TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5354 pcs	Data sheet	AS1310
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2V
Voltage - Output (Max)	-	Voltage - Input (Min)	0.7V
Voltage - Input (Max)	3.6V	Topology	Boost
Synchronous Rectifier	No	Supplier Device Package	8-TDFN (2x2)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-UFDFN Exposed Pad	Output Type	Fixed
Output Configuration	Positive	Other Names	180680011 AS1310-BTDT-20TR AS1310BTDT20
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up
Frequency - Switching	-	Detailed Description	Boost Switching Regulator IC Positive Fixed 2V 1 Output 320mA (Switch) 8-UFDFN Exposed Pad
Current - Output	320mA (Switch)		
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RELATED PRODUCTS			
	Part#: AS1302-WL_EK_ST Description: BOARD EVAL FOR AS1302	Manufacturers: ams	RFQ
	Part#: AS1310-25 EB Description: BOARD EVAL FOR AS1310-25	Manufacturers: ams	RFQ
	Part#: AS1311-BTDT Description: IC REG BOOST 1.8V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1310-BTDT-30 Description: IC REG BOOST 3V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1301-9RB1G Description: DC/DC CONVERTER 12V 96W	Manufacturers: Bel	RFQ
	Part#: AS12J1R00ET Description: RES SMD 1 OHM 5% 1/2W 1206	Manufacturers: Ohmite	RFQ
	Part#: AS1310-BTDT-25 Description: IC REG BOOST 2.5V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1310-TD-30_EK_ST Description: BOARD EVAL FOR AS1310-30	Manufacturers: ams	RFQ
	Part#: AS1310-BTDT-18 Description: IC REG BOOST 1.8V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1310-TD-33_EK_ST Description: BOARD EVAL FOR AS1310-33	Manufacturers: ams	RFQ
	Part#: AS1301A-BWLT Description: IC REG SWTCHD CAP 5V 50MA 8WLCSP	Manufacturers: ams	RFQ
	Part#: AS1310-TD-18_EK_ST Description: BOARD EVAL FOR AS1310-18	Manufacturers: ams	RFQ
	Part#: AS1302-BWLT Description: IC REG SWTCHD CAP 5V 30MA 8WLCSP	Manufacturers: ams	RFQ
	Part#: AS1301A-BTDT Description: IC REG SWITCHD CAP 5V 10-TDFN	Manufacturers: ams	RFQ
	Part#: AS1310-BTDT-33 Description: IC REG BOOST 3.3V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1301-9R Description: DC/DC CONVERTER 12V 96W	Manufacturers: Bel	RFQ
	Part#: AS1310-BTDT-27 Description: IC REG BOOST 2.7V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1301-9RT Description: DC/DC CONVERTER 12V 96W	Manufacturers: Bel	RFQ
	Part#: AS1312-BTDM-27 Description: IC REG BOOST 3V 0.4A 8MLPD	Manufacturers: ams	RFQ
	Part#: AS1312-BTDM-30 Description: IC REG BOOST 3V 0.4A 8MLPD	Manufacturers: ams	RFQ

Related keywords for AS1310-BTDT-20			
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