

AS1331-BTDT



Part Number: [AS1331-BTDT](#)

Manufacturer [ams](#)

Description IC REG BUCK BST ADJ 0.45A 10TDFN

Data sheet:  [AS1331](#)

RoHs Status: Lead free / RoHS Compliant

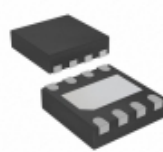
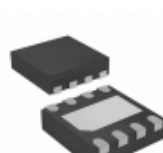
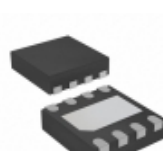
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1331-BTDT	Manufacturer	ams
Description	IC REG BUCK BST ADJ 0.45A 10TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5075 pcs	Data sheet	AS1331
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2.5V
Voltage - Output (Max)	3.3V	Voltage - Input (Min)	1.8V
Voltage - Input (Max)	5.5V	Topology	Buck-Boost
Synchronous Rectifier	Yes	Supplier Device Package	10-TDFN (3x3)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	10-WFDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	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/Step-Down	Frequency - Switching	-
Detailed Description	Buck-Boost Switching Regulator IC Positive Adjustable 2.5V 1 Output 450mA (Switch) 10-WFDFN Exposed Pad	Current - Output	450mA (Switch)
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RELATED PRODUCTS			
	Part#: AS1329C-TT_EK_ST Description: BOARD EVAL AS1329C	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-33 Description: IC REG BCK BST 3.3V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1330-BTDT-18 Description: IC REG BST 1.8V 0.65A SYNC 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-25 Description: IC REG BCK BST 2.5V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1329A-BTTT Description: IC REG BST ADJ 0.85A SYNC TSOT23	Manufacturers: ams	RFQ
	Part#: AS1332 EB Description: BOARD EVAL FOR AS1332	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-33-6K Description: IC REG BCK BST 3.3V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1328C-BQFT-AD Description: IC REG BUCK ADJ 3A SYNC 16-TQFN	Manufacturers: ams	RFQ
	Part#: AS1329A EB Description: BOARD EVAL AS1329A	Manufacturers: ams	RFQ
	Part#: AS1333 EB Description: BOARD EVAL FOR AS1333	Manufacturers: ams	RFQ
	Part#: AS1331-TD-AD_EK_ST Description: BOARD EVAL FOR AS1331	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-30 Description: IC REG BUCK BST 3V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1330-BTDT-30 Description: IC REG BOOST 3V 0.65A SYNC 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1329C-BTTT Description: IC REG BST ADJ 0.85A SYNC TSOT23	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-A25 Description: IC REG BCK BST 2.5V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1332-BWLT Description: IC CONV BUCK 400MA ADJ 8WLCSP	Manufacturers: ams	RFQ
	Part#: AS1330-BTDT-AD Description: IC REG BST ADJ 0.65A SYNC 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-AD Description: IC REG BUCK BST ADJ 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1329B-TT_EK_ST Description: BOARD EVAL AS1329B	Manufacturers: ams	RFQ
	Part#: AS1329B-BTTT Description: IC REG BST ADJ 0.85A SYNC TSOT23	Manufacturers: ams	RFQ

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