

AS1331-BTDT-30



Part Number: [AS1331-BTDT-30](#)

Manufacturer [ams](#)

Description IC REG BUCK BST 3V 0.45A 10TDFN

Data sheet:  [AS1331](#)

RoHs Status: Lead free / RoHS Compliant

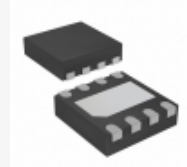
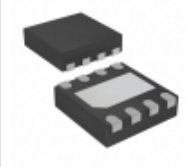
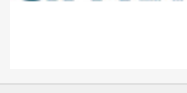
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1331-BTDT-30	Manufacturer	ams
Description	IC REG BUCK BST 3V 0.45A 10TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4537 pcs	Data sheet	AS1331
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	3V
Voltage - Output (Max)	-	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-WDFDN Exposed Pad	Output Type	Fixed
Output Configuration	Positive	Other Names	178820012 AS1331-BTDT-30-1KTR AS1331-BTDT-30-1KTR-ND AS1331-BTDT-30TR
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 Fixed 3V 1 Output 450mA (Switch) 10-WDFDN Exposed Pad
Current - Output	450mA (Switch)		
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RELATED PRODUCTS			
	Part#: AS1331-BTDT-25 Description: IC REG BCK BST 2.5V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-A25 Description: IC REG BCK BST 2.5V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1331-TD-AD_EK_ST Description: BOARD EVAL FOR AS1331	Manufacturers: ams	RFQ
	Part#: AS1329B-BTTT Description: IC REG BST ADJ 0.85A SYNC TSOT23	Manufacturers: ams	RFQ
	Part#: AS1329C-TT_EK_ST Description: BOARD EVAL AS1329C	Manufacturers: ams	RFQ
	Part#: AS1334-BTDT Description: IC REG BUCK 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#: AS1330-BTDT-30 Description: IC REG BOOST 3V 0.65A SYNC 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1330-BTDT-18 Description: IC REG BST 1.8V 0.65A SYNC 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT-33 Description: IC REG BCK BST 3.3V 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1329C-BTTT Description: IC REG BST ADJ 0.85A SYNC TSOT23	Manufacturers: ams	RFQ
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	Part#: AS1330-BTDT-AD Description: IC REG BST ADJ 0.65A SYNC 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1332 EB Description: BOARD EVAL FOR AS1332	Manufacturers: ams	RFQ
	Part#: AS1329A-BTTT Description: IC REG BST ADJ 0.85A SYNC TSOT23	Manufacturers: ams	RFQ
	Part#: AS1333-BWLT Description: IC REG BUCK 3.09V 0.65A 8WLCSP	Manufacturers: ams	RFQ
	Part#: AS1329B-TT_EK_ST Description: BOARD EVAL AS1329B	Manufacturers: ams	RFQ
	Part#: AS1333 EB Description: BOARD EVAL FOR AS1333	Manufacturers: ams	RFQ
	Part#: AS1331-BTDT Description: IC REG BUCK BST ADJ 0.45A 10TDFN	Manufacturers: ams	RFQ
	Part#: AS1332-BWLT Description: IC CONV BUCK 400MA ADJ 8WLCSP	Manufacturers: ams	RFQ

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