

AS1312-BWLM-45



Part Number: [AS1312-BWLM-45](#)

Manufacturer [ams](#)

Description IC REG BOOST 4.5V 0.4A 8WLCSP

Data sheet:  [AS1312 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

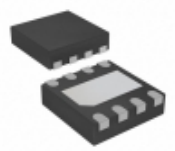
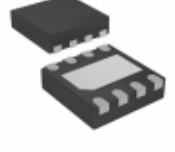
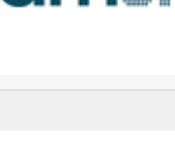
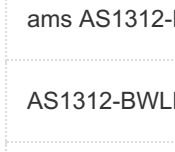
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1312-BWLM-45	Manufacturer	ams
Description	IC REG BOOST 4.5V 0.4A 8WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	122541 pcs	Data sheet	AS1312 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	4.5V
Voltage - Output (Max)	-	Voltage - Input (Min)	0.7V
Voltage - Input (Max)	5V	Topology	Boost
Synchronous Rectifier	No	Supplier Device Package	8-WLCSP (1.62x0.84)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-UFBGA, WLCSP	Output Type	Fixed
Output Configuration	Positive	Other Names	188120017 AS1312-BWLM-45TR
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up	Frequency - Switching	-
Detailed Description	Boost Switching Regulator IC Positive Fixed 4.5V 1 Output 400mA (Switch) 8-UFBGA, WLCSP	Current - Output	400mA (Switch)
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RELATED PRODUCTS			
	Part#: AS1312-BTDM-30 Description: IC REG BOOST 3V 0.4A 8MLPD	Manufacturers: ams	RFQ
	Part#: AS1312-BTDT-50 Description: IC REG BOOST 5V 0.4A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1312-TD-50_EK_ST Description: EVAL BOARD FOR AS1312	Manufacturers: ams	RFQ
	Part#: AS1313-BTDM-33 Description: IC REG BCK 3.3V 0.15A SYNC 8MLPD	Manufacturers: ams	RFQ
	Part#: AS1312-BTDM-33 Description: IC REG BOOST 3.3V 0.4A MLPD8	Manufacturers: ams	RFQ
	Part#: AS1310-TD-30_EK_ST Description: BOARD EVAL FOR AS1310-30	Manufacturers: ams	RFQ
	Part#: AS1320 DB Description: BOARD DEMO AS1320	Manufacturers: ams	RFQ
	Part#: AS1310-TD-33_EK_ST Description: BOARD EVAL FOR AS1310-33	Manufacturers: ams	RFQ
	Part#: AS1311-BTDT Description: IC REG BOOST 1.8V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1312-BTDM-50 Description: IC REG BOOST 5V 0.4A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1313-TD-18_EK_ST Description: AS1313-18 EVALUATION KIT REV 1.2	Manufacturers: ams	RFQ
	Part#: AS1310-TD-18_EK_ST Description: BOARD EVAL FOR AS1310-18	Manufacturers: ams	RFQ
	Part#: AS1312-BTDM-27 Description: IC REG BOOST 3V 0.4A 8MLPD	Manufacturers: ams	RFQ
	Part#: AS1313-TD-30_EK_ST Description: AS1313-30 EVALUATION KIT REV 1.2	Manufacturers: ams	RFQ
	Part#: AS1313-BTDM-30 Description: IC REG BUCK 3V 0.15A SYNC 8MLPD	Manufacturers: ams	RFQ
	Part#: AS1312-BWLT-45 Description: IC REG BOOST 4.5V 0.4A 8WLCSP	Manufacturers: ams	RFQ
	Part#: AS1312-BWLM-50 Description: IC REG BOOST 5V 0.4A 8WLCSP	Manufacturers: ams	RFQ
	Part#: AS1312-BWLT-33 Description: DC DC CONVERTER 3.3V	Manufacturers: ams	RFQ
	Part#: AS1310-BTDT-33 Description: IC REG BOOST 3.3V 0.32A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1313-BTDM-18 Description: IC REG BCK 1.8V 0.15A SYNC 8MLPD	Manufacturers: ams	RFQ

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