

AS1364-BTDT-18-1K



Part Number: [AS1364-BTDT-18-1K](#)

Manufacturer [ams](#)

Description IC REG LINEAR 1.8V 1A 8TDFN

Data sheet:  [AS1364](#)

RoHs Status: Lead free / RoHS Compliant

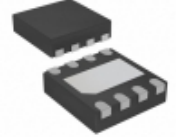
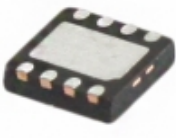
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	AS1364-BTDT-18-1K	Manufacturer	ams
Description	IC REG LINEAR 1.8V 1A 8TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4085 pcs	Data sheet	AS1364
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	-
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	8-TDFN (3x3)
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	8-WDFN Exposed Pad
PSRR	78dB ~ 46dB (1kHz ~ 100kHz)	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C
Number of Regulators	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 1A 8-TDFN (3x3)		
Current - Quiescent (Iq)	150µA	Current - Supply (Max)	200µA
Control Features	Enable, Power Good	Current - Output	1A
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RELATED PRODUCTS			
	Part#: AS1363-ST-45_EK_ST Description: BOARD EVAL FOR AS1363-45	Manufacturers: ams	RFQ
	Part#: AS1364-TD-45_EK_ST Description: BOARD EVAL FOR AS1364-45	Manufacturers: ams	RFQ
	Part#: AS1363-ST-18_EK_ST Description: BOARD EVAL FOR AS1363-18	Manufacturers: ams	RFQ
	Part#: AS1367-BTDT-12 Description: IC REG LINEAR 1.2V 150MA 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-AD Description: IC REG LINEAR POS ADJ 1A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1364-TD-18_EK_ST Description: BOARD EVAL FOR AS1364-18	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-30-1K Description: IC REG LINEAR 3V 1A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1363-ST-30_EK_ST Description: BOARD EVAL FOR AS1363-30	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-15-1K Description: IC REG LINEAR 1.5V 1A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-33 Description: IC REG LINEAR 3.3V 1A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1363B-BSTT-AD Description: IC REG LINEAR 500MA SOT23-6	Manufacturers: ams	RFQ
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	Part#: AS1364-TD-AD_EK_ST Description: BOARD EVAL FOR AS1364-AD	Manufacturers: ams	RFQ
	Part#: AS1363-ST-AD_EK_ST Description: BOARD EVAL FOR AS1363-AD	Manufacturers: ams	RFQ
	Part#: AS1363-ST-15_EK_ST Description: BOARD EVAL FOR AS1363-15	Manufacturers: ams	RFQ
	Part#: AS1367-BTDT-18 Description: IC REG LINEAR 1.8V 150MA 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-18 Description: IC REG LINEAR 1.8V 1A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-15 Description: IC REG LINEAR 1.5V 1A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-45 Description: IC REG LINEAR 4.5V 1A 8TDFN	Manufacturers: ams	RFQ
	Part#: AS1364-BTDT-30 Description: IC REG LINEAR 3V 1A 8TDFN	Manufacturers: ams	RFQ

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