

BA178M06FP-E2





Part Number: [BA178M06FP-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG LINEAR 6V 500MA TO252-3

Data sheet:  [BA178系列,BA178M系列](#)
 [Datasheet Available In Japanese](#)
 [TO252-3 Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

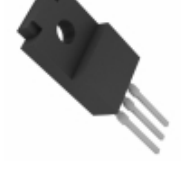
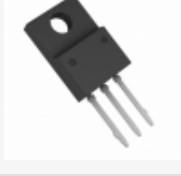
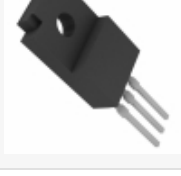
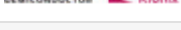
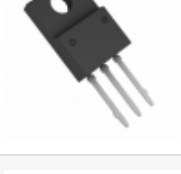
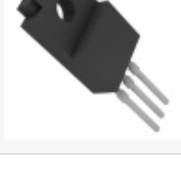
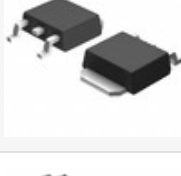
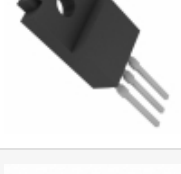
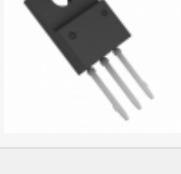
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Request For Quotation

PRODUCT PARAMETER			
Part Number	BA178M06FP-E2	Manufacturer	LAPIS Semiconductor
Description	IC REG LINEAR 6V 500MA TO252-3	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	168824 pcs	Data sheet	BA178系列,BA178M系列 Datasheet Available In Japanese TO252-3 Taping Spec
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	2V @ 500mA (Typ)
Voltage - Output (Min/Fixed)	6V	Voltage - Output (Max)	-
Voltage - Input (Max)	21V	Supplier Device Package	TO-252-3
Series	-	Protection Features	-
Packaging	Tape & Reel (TR)	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
PSRR	74dB (120Hz)	Output Type	Fixed
Output Configuration	Positive	Other Names	BA178M06FP-E2-ND BA178M06FP-E2TR BA178M06FPE2
Operating Temperature	-40°C ~ 85°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 6V 500mA TO-252-3	Current - Supply (Max)	6mA
Current - Quiescent (Iq)	4.5mA	Current - Output	500mA
Control Features	-	Base Part Number	BA178M
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	Part#: BA178M09T Description: IC REG LINEAR 9V 500MA TO220FP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA17820CP-E2 Description: IC REG LINEAR 20V 1A TO220-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA178M07FP-E2 Description: IC REG LINEAR 7V 500MA TO252-3	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BA178M08FP-E2 Description: IC REG LINEAR 8V 500MA TO252-3	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BA17824CP-E2 Description: IC REG LINEAR 24V 1A TO220CP-3	Manufacturers: LAPIS Semiconductor	RFQ
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