

BA78M05FP-E2




Part Number: [BA78M05FP-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG LINEAR 5V 500MA TO252-3

Data sheet:  [BA78\(M\)xx Series](#)
 [TO252-3 Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

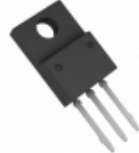
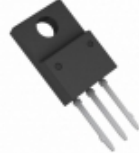
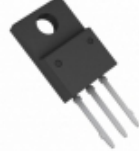
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	BA78M05FP-E2	Manufacturer	LAPIS Semiconductor
Description	IC REG LINEAR 5V 500MA TO252-3	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	142159 pcs	Data sheet	BA78(M)xx Series TO252-3 Taping Spec
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	2V @ 500mA (Typ)
Voltage - Output (Min/Fixed)	5V	Voltage - Output (Max)	-
Voltage - Input (Max)	25V	Supplier Device Package	TO-252-3
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Cut Tape (CT)	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
PSRR	78dB (120Hz)	Output Type	Fixed
Output Configuration	Positive	Other Names	BA78M05FP-E2CT
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 5V 500mA TO-252-3	Current - Supply (Max)	6mA
Current - Quiescent (Iq)	4.5mA	Current - Output	500mA
Control Features	-	Base Part Number	BA78M

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	Part#: BA78M08CP-E2 Description: IC REG LINEAR 8V 500MA TO220CP-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA78M09CP-E2 Description: IC REG LINEAR 9V 500MA TO220CP-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA78M07CP-E2 Description: IC REG LINEAR 7V 500MA TO220CP-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA783-HG3-08 Description: DIODE BAND SW 100MA SOD123	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: BA78M06CP-E2 Description: IC REG LINEAR 6V 500MA TO220CP-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA78M05CP-E2 Description: IC REG LINEAR 5V 500MA TO220CP-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA78M10FP-E2 Description: IC REG LINEAR 10V 500MA TO252-3	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BA78M09FP-E2 Description: IC REG LINEAR 9V 500MA TO252-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA783-HE3-18 Description: DIODE BAND SW 100MA SOD123	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA78M07FP-E2 Description: IC REG LINEAR 7V 500MA TO252-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA78M06FP-E2 Description: IC REG LINEAR 6V 500MA TO252-3	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BA783S-G3-18 Description: DIODE BAND SW 100MA SOD323	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA783S-HE3-08 Description: DIODE BAND SW 100MA SOD323	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA783S-E3-18 Description: DIODE BAND SW 100MA SOD323	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA78M08FP-E2 Description: IC REG LINEAR 8V 500MA TO252-3	Manufacturers: LAPIS Semiconductor	RFQ

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