



MC78L05ACPRP Information



For Reference Only

Part Number MC78L05ACPRP
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 100MA TO92-3

Description IC REG LINEAR 5V 100MA TO92-3 **Package** TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









MC78L05ACPRP Specifications

Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Manufacturer Part Number	MC78L05ACPRP
PMIC - Voltage Regulators - Linear	Manufacturer	ON Semiconductor
Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features Over Temperature, Short Circuit Operating Temperature Over Through Hole Package / Case TO-92-3 TO-92-9	Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) Current - Supply (Max) - PSRR 49dB (120Hz) Control Features Protection Features Over Temperature, Short Circuit Operating Temperature O°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Voltage - Input (Max)	30V
Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Voltage - Output (Min/Fixed)	5V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature O°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) - PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package	Voltage Dropout (Max)	-
Current - Supply (Max) - PSRR	Current - Output	100mA
PSRR 49dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Current - Quiescent (Iq)	-
Control Features - Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Current - Supply (Max)	-
Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	PSRR	49dB (120Hz)
Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Control Features	-
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Protection Features	Over Temperature, Short Circuit
Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Operating Temperature	0°C ~ 125°C
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

MC78L05ACPRP Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MC78L05ACPRP Payment Methods



















MC78L05ACPRP Shipping Methods













If you have any question about MC78L05ACPRP, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com