



KA78L05AIDTF Information



For Reference Only

Part Number KA78L05AIDTF

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 100MA 8SOIC

Description IC REG LINEAR 5V 100MA 8SOIO **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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KA78L05AIDTF Specifications

Manufacturer Part Number KA78L05AIDTF Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Toropout (Max) - Current - Output 100mA Current - Supply (Max) - Current - Supply (Max) - PSRR 80dB (120Hz) Control Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) 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) 5.5mA Current - Supply (Max) - PSRR 80dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Manufacturer Part Number	KA78L05AIDTF
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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) 5.5mA Current - Supply (Max) - PSRR 80dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output100mACurrent - Quiescent (Iq)5.5mACurrent - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
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Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) 5.5mA Current - Supply (Max) - PSRR 80dB (120Hz) Control Features Protection Features Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Configuration	Positive
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Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output100mACurrent - Quiescent (Iq)5.5mACurrent - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 100mA Current - Quiescent (Iq) 5.5mA Current - Supply (Max) - PSRR 80dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Input (Max)	30V
Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) 5.5mA Current - Supply (Max) PSRR 80dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Output (Min/Fixed)	5V
Current - Output Current - Quiescent (Iq) 5.5mA Current - Supply (Max) PSRR 80dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 80dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage Dropout (Max)	-
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PSRR 80dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Quiescent (Iq)	5.5mA
Control Features - Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply (Max)	-
Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	PSRR	80dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Control Features	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Protection Features	Over Temperature, Short Circuit
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

KA78L05AIDTF 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.

KA78L05AIDTF Payment Methods



















KA78L05AIDTF Shipping Methods













If you have any question about KA78L05AIDTF, please do not hesitate to contact us!

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