



### NCV78L05ABPG Information



For Reference Only

Part Number NCV78L05ABPG
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 **Package** TO-226-3, TO-92-3 (TO-226AA)

For the pricing/inventory/lead time, please contact

us

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



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### **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.









# **NCV78L05ABPG Specifications**

Manufacturer Part Number         NCV78L05ABPG           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         Automotive, AEC-Q100           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         30V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Current - Output         100mA           Current - Supply (Max)         -           Current - Supply (Max)         -           PSRR         49dB (120Hz)           Control Features         Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         Automotive, AEC-Q100           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         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	Manufacturer Part Number	NCV78L05ABPG
Package         TO-226-3, TO-92-3 (TO-226AA)           Series         Automotive, AEC-Q100           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         Over Temperature, Short Circuit           Operating Temperature         40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	Manufacturer	ON Semiconductor
Package         TO-226-3, TO-92-3 (TO-226AA)           Series         Automotive, AEC-Q100           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         Over Temperature, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	Category	Integrated Circuits (ICs)
Series Automotive, AEC-Q100  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 (Max) 100mA  Current - Quiescent (Iq) -  Current - Supply (Max) -  PSRR 49dB (120Hz)  Control Features Over Temperature, Short Circuit  Operating Temperature 40°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-92-3 (TO-92-6AA)  Supplier Device Package		PMIC - Voltage Regulators - Linear
Output TypePositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR49dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Package	TO-226-3, TO-92-3 (TO-226AA)
Output Type  Number of Regulators  1  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  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Series	Automotive, AEC-Q100
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)  - Current - Supply (Max)  PSRR  49dB (120Hz)  Control Features  Protection Features  Over Temperature, Short Circuit  Operating Temperature  40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  5V  Voltage - Output (Max)  -  Current - Output  100mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  49dB (120Hz)  Control Features  -  Protection Features  Over Temperature, Short Circuit  Operating Temperature  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	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  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  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  40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	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  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	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  40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  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  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage Dropout (Max)	-
Current - Supply (Max)  PSRR 49dB (120Hz)  Control Features  Protection Features Over Temperature, Short Circuit  Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3	Current - Output	100mA
PSRR 49dB (120Hz)  Control Features -  Protection Features Over Temperature, Short Circuit  Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3	Current - Quiescent (Iq)	-
Control Features - Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Current - Supply (Max)	-
Protection Features Over Temperature, Short Circuit -40°C ~ 125°C  Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3	PSRR	49dB (120Hz)
Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package  TO-92-3	Control Features	-
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Protection Features	Over Temperature, Short Circuit
Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

#### **NCV78L05ABPG 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.

### **NCV78L05ABPG Payment Methods**



















## NCV78L05ABPG Shipping Methods













If you have any question about NCV78L05ABPG, please do not hesitate to contact us!

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