



### LM4051AIM3X-1.2 Information



For Reference Only

Part Number LM4051AIM3X-1.2

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SHUNT 1.225V SOT23 **Package** TO-236-3, SC-59, SOT-23-3

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.









## LM4051AIM3X-1.2 Specifications

Manufacturer Part Number         LM4051AIM3X-1.2           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference         PMIC - Voltage Reference           Package         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.225V           Voltage - Output (Max)         -           Current - Output         12mA           Tolerance         ±0.1%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         20μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         65μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.225V           Voltage - Output (Max)         -           Current - Output         12mA           Tolerance         ±0.1%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         20μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         65μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3	Manufacturer Part Number	LM4051AIM3X-1.2
Package         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.225V           Voltage - Output (Max)         -           Current - Output         12mA           Tolerance         ±0.1%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         20μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         65μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3	Manufacturer	Texas Instruments
Package         TO-236-3, SC-59, SOT-23-3           Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.225V           Voltage - Output (Max)         -           Current - Output         12mA           Tolerance         ±0.1%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         20μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         65μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3	Category	Integrated Circuits (ICs)
Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.225 V           Voltage - Output (Max)         -           Current - Output         12mA           Tolerance         ±0.1%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         20μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         65μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3		PMIC - Voltage Reference
Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.225V           Voltage - Output (Max)         -           Current - Output         12mA           Tolerance         ±0.1%           Temperature Coefficient         50ppm/°C           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         20μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         65μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Output TypeFixedVoltage - Output (Min/Fixed)1.225 VVoltage - Output (Max)-Current - Output12mATolerance±0.1%Temperature Coefficient50ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz20μVrmsVoltage - Input-Current - Supply-Current - Cathode65μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	-
Voltage - Output (Min/Fixed)       1.225 V         Voltage - Output (Max)       -         Current - Output       12mA         Tolerance       ±0.1%         Temperature Coefficient       50ppm/°C         Noise - 0.1Hz to 10Hz       -         Noise - 10Hz to 10kHz       20μVrms         Voltage - Input       -         Current - Supply       -         Current - Cathode       65μA         Operating Temperature       -40°C ~ 85°C (TA)         Mounting Type       Surface Mount         Package / Case       TO-236-3, SC-59, SOT-23-3         Supplier Device Package       SOT-23-3	Reference Type	Shunt
Voltage - Output (Max)-Current - Output12mATolerance±0.1%Temperature Coefficient50ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz20μVrmsVoltage - Input-Current - Supply-Current - Cathode65μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Output Type	Fixed
Current - Output $12mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $50ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ -Noise - $10Hz$ to $10kHz$ $20\mu Vrms$ Voltage - Input-Current - Supply-Current - Cathode $65\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Min/Fixed)	1.225V
Tolerance ±0.1% Temperature Coefficient 50ppm/°C  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz 20μVrms  Voltage - Input -  Current - Supply -  Current - Cathode 65μA  Operating Temperature 4-40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package	Voltage - Output (Max)	-
Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  20μVrms  Voltage - Input  - Current - Supply  Current - Cathode  Operating Temperature  Mounting Type  Surface Mount  Package / Case  TO-236-3, SC-59, SOT-23-3  Supplier Device Package	Current - Output	12mA
Noise - 0.1Hz to 10Hz - $20\mu Vrms$	Tolerance	±0.1%
Noise - 10Hz to 10kHz20μVrmsVoltage - Input-Current - Supply-Current - Cathode65μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Temperature Coefficient	50ppm/°C
Voltage - Input - Current - Supply - Current - Cathode $65\mu A$ Current - Cathode $65\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode $65\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Noise - 10Hz to 10kHz	20μVrms
Current - Cathode $65\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23-3	Voltage - Input	-
Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23-3	Current - Supply	-
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Cathode	65μΑ
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
		Report errors?

#### LM4051AIM3X-1.2 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.

### LM4051AIM3X-1.2 Payment Methods



















### LM4051AIM3X-1.2 Shipping Methods













If you have any question about LM4051AIM3X-1.2, please do not hesitate to contact us!

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