

## LM45BIM3X/NOPB

#### LM45BIM3X/NOPB Information



Part Number	LM45BIM3X/NOPB	
Manufacturer	Texas Instruments	
Category	Sensors, Transducers Temperature Sensors, Transducers	
Description	SENSOR TEMP ANLG VOLT SOT-23-3	
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	



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#### LM45BIM3X/NOPB Specifications

Manufacturer Part NumberLM45BIM3X/NOPBManufacturerTexas InstrumentsCategorySensors, TransducersPackageTo-236-3, SC-59, SOT-23-3Series-Sensor TypeAnalog, LocalSensing Temperature - Local-Output TypeAnalog VoltageVoltage - Supply4V ~ 10 VResolution-Accuracy - Highest (Lowest)-Oregating Temperature-Package / Case-Sensing Temperature-Sensing Temperature-Output TypeAnalog VoltageVoltage - Supply4V ~ 10 VResolution-Sensing Temperature-Sensing Temperature-Sensing Temperature-Sensing Temperature-Output TypeSensing CongregotionSensing Temperature-Sensing Temperature-		
CategorySensors, TransducersTemperature Sensors, TransducersPackageTo-236-3, SC-59, SOT-23-3Series-Sensor TypeAnalog, LocalSensing Temperature - Local-20°C ~ 100°CSensing Temperature - Remote-Output TypeAnalog VoltageVoltage - Supply4 V ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Operating Temperature25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTo-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Manufacturer Part Number	LM45BIM3X/NOPB
Temperature Sensors, TransducersPackageTO-236-3, SC-59, SOT-23-3Series-Sensor TypeAnalog, LocalSensing Temperature - Local-20°C ~ 100°CSensing Temperature - Remote-Output TypeAnalog VoltageVoltage - Supply4 V ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Manufacturer	Texas Instruments
PackageTO-236-3, SC-59, SOT-23-3Series-Sensor TypeAnalog, LocalSensing Temperature - Local-20°C ~ 100°CSensing Temperature - Remote-Output TypeAnalog VoltageVoltage - SupplyAv ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C (-20°C ~ 100°C)Operating TemperatureSurface MountMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Category	Sensors, Transducers
Series-Sensor TypeAnalog, LocalSensing Temperature - Local-20°C ~ 100°CSensing Temperature - Remote-Output TypeAnalog VoltageOutput Type4 V ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition20°C ~ 100°COperating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3		Temperature Sensors, Transducers
Sensor TypeAnalog, LocalSensing Temperature - Local-20°C ~ 100°CSensing Temperature - Remote-Output TypeAnalog VoltageVoltage - Supply4 V ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Sensing Temperature - Local-20°C ~ 100°CSensing Temperature - Remote-Output TypeAnalog VoltageOutput Type4 V ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	-
Sensing Temperature - Remote-Output TypeAnalog VoltageVoltage - Supply4 V ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Sensor Type	Analog, Local
Output TypeAnalog VoltageOutput Type4 V ~ 10 VVoltage - Supply10mV/°CResolution-Features-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Sensing Temperature - Local	-20°C ~ 100°C
Voltage - Supply4 V ~ 10 VResolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Sensing Temperature - Remote	-
Resolution10mV/°CFeatures-Accuracy - Highest (Lowest)±2°C (±3°C)Test Condition25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Output Type	Analog Voltage
Features-Accuracy - Highest (Lowest) $\pm 2^{\circ} C (\pm 3^{\circ} C)$ Test Condition $25^{\circ} C (-20^{\circ} C - 100^{\circ} C)$ Operating Temperature $-20^{\circ} C - 100^{\circ} C$ Mounting TypeSurface MountPackage / CaseTO-236-3, SC -59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Supply	4 V ~ 10 V
Accuracy - Highest (Lowest) ±2°C (±3°C)   Test Condition 25°C (-20°C ~ 100°C)   Operating Temperature -20°C ~ 100°C   Mounting Type Surface Mount   Package / Case TO-236-3, SC-59, SOT-23-3   Supplier Device Package SOT-23-3	Resolution	10mV/°C
Test Condition25°C (-20°C ~ 100°C)Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Features	-
Operating Temperature-20°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Accuracy - Highest (Lowest)	±2°C (±3°C)
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Test Condition	25°C (-20°C ~ 100°C)
Package / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Operating Temperature	-20°C ~ 100°C
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?

#### LM45BIM3X/NOPB 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### LM45BIM3X/NOPB Payment Methods



### LM45BIM3X/NOPB Shipping Methods



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