



LM95071CIMF Information



For Reference Only

Part Number LM95071CIMF
Manufacturer Texas Instruments
Category Sensors, Transducers

Temperature Sensors, Transducers

Description SENSOR TEMPERATURE SPI SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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LM95071CIMF Specifications

Manufacturer Part Number LM95071CIMF Manufacturer Texas Instruments Category Sensors, Transducers Package SC-74A, SOT-753 Series - Sensor Type Digital, Local Sensing Temperature - Local -40°C ~ 150°C Sensing Temperature - Remote - Output Type SPI Voltage - Supply 2.4 V ~ 5.5 V Resolution 13 b Features Shutdown Mode Accuracy - Highest (Lowest) ±1°C (±2°C) Test Condition 0°C ~ 70°C (-40°C ~ 150°C) Operating Temperature -40°C ~ 150°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	•	
Category Sensors, Transducers Temperature Sensors, Transducers Sc-74A, SOT-753 Series - Sensor Type Digital, Local Sensing Temperature - Local Sensing Temperature - Remote Output Type SPI Voltage - Supply Resolution 13 b Features Shutdown Mode Accuracy - Highest (Lowest) Test Condition Operating Temperature 40°C ~ 150°C Sensing Temperature Shutdown Mode Accuracy - Highest (Lowest) Test Condition O°C ~ 70°C (-40°C ~ 150°C) Operating Temperature Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Manufacturer Part Number	LM95071CIMF
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Series - Sensor Type Digital, Local Sensing Temperature - Local -40°C ~ 150°C Sensing Temperature - Remote - Output Type SPI Voltage - Supply 2.4 V ~ 5.5 V Resolution 13 b Features Shutdown Mode Accuracy - Highest (Lowest) ±1°C (±2°C) Test Condition 0°C ~ 70°C (-40°C ~ 150°C) Operating Temperature -40°C ~ 150°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5		Temperature Sensors, Transducers
Sensor Type Sensing Temperature - Local Sensing Temperature - Remote Output Type SPI Voltage - Supply Resolution Features Shutdown Mode Accuracy - Highest (Lowest) Test Condition Operating Temperature -40°C ~ 70°C (-40°C ~ 150°C) Mounting Type Surface Mount Package / Case SUT-23-5 Supplier Device Package	Package	SC-74A, SOT-753
Sensing Temperature - Local $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Sensing Temperature - Remote $-$ Output Type SPI Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Resolution 13 b Features Shutdown Mode Accuracy - Highest (Lowest) $\pm 1^{\circ}\text{C} (\pm 2^{\circ}\text{C})$ Test Condition $0^{\circ}\text{C} \sim 70^{\circ}\text{C} (-40^{\circ}\text{C} \sim 150^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Series	-
Sensing Temperature - Remote Output Type SPI Voltage - Supply 2.4 V ~ 5.5 V Resolution 13 b Features Shutdown Mode Accuracy - Highest (Lowest) Test Condition O°C ~ 70°C (-40°C ~ 150°C) Operating Temperature Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Sensor Type	Digital, Local
Output TypeSPIVoltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Resolution 13 b FeaturesShutdown ModeAccuracy - Highest (Lowest) $\pm 1^{\circ}\text{C} (\pm 2^{\circ}\text{C})$ Test Condition $0^{\circ}\text{C} \sim 70^{\circ}\text{C} (-40^{\circ}\text{C} \sim 150^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Sensing Temperature - Local	-40°C ~ 150°C
Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Resolution 13 b FeaturesShutdown ModeAccuracy - Highest (Lowest) $\pm 1^{\circ}\text{C} (\pm 2^{\circ}\text{C})$ Test Condition $0^{\circ}\text{C} \sim 70^{\circ}\text{C} (-40^{\circ}\text{C} \sim 150^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Sensing Temperature - Remote	-
Resolution 13 b Features Shutdown Mode Accuracy - Highest (Lowest) $\pm 1^{\circ}\text{C} (\pm 2^{\circ}\text{C})$ Test Condition $0^{\circ}\text{C} \sim 70^{\circ}\text{C} (-40^{\circ}\text{C} \sim 150^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Output Type	SPI
FeaturesShutdown ModeAccuracy - Highest (Lowest) $\pm 1^{\circ}$ C ($\pm 2^{\circ}$ C)Test Condition 0° C ~ 70° C (-40° C ~ 150° C)Operating Temperature -40° C ~ 150° CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Supply	2.4 V ~ 5.5 V
Accuracy - Highest (Lowest) $\pm 1^{\circ}\text{C } (\pm 2^{\circ}\text{C})$ Test Condition $0^{\circ}\text{C} \sim 70^{\circ}\text{C } (-40^{\circ}\text{C} \sim 150^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount $\text{Package } / \text{Case}$ SC-74A, SOT-753 $\text{Supplier Device Package}$ SOT-23-5	Resolution	13 b
Test Condition $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \ (-40^{\circ}\text{C} \sim 150^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Features	Shutdown Mode
Operating Temperature -40°C ~ 150°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Accuracy - Highest (Lowest)	±1°C (±2°C)
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Test Condition	0°C ~ 70°C (-40°C ~ 150°C)
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 150°C
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
Report thous.		Report errors?

LM95071CIMF Guarantees



Quality Guarantees

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Service Guarantees

We guarantee 100% customer satisfaction.

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

LM95071CIMF Payment Methods



















LM95071CIMF Shipping Methods













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