



AD7418ARMZ Information



Part NumberAD7418ARMZManufacturerAnalog Devices Inc.CategorySensors, Transducers

Temperature Sensors, Transducers

DescriptionSENSOR TEMPERATURE I2C 8MSOP**Package**8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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AD7418ARMZ Specifications

Manufacturer Part Number AD7418ARMZ Manufacturer Analog Devices Inc. Category Sensors, Transducers Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Sensor Type Digital, Local Sensing Temperature - Local -40°C ~ 125°C Sensing Temperature - Remote - Output Type 12C Voltage - Supply 2.7 V ~ 5.5 V Resolution 10 b Features Output Switch, Programmable Limit, Shutdown Mode Accuracy - Highest (Lowest) ±2°C (±3°C) Test Condition 25°C (-40°C ~ 125°C) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	•	
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Series - Digital, Local - $40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Sensing Temperature - Local - $40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Sensing Temperature - Remote - Output Type I2C Voltage - Supply 2.7 V ~ 5.5 V Resolution 10 b Features Output Switch, Programmable Limit, Shutdown Mode + $20^{\circ}\text{C} \times 120^{\circ}\text{C}$ Test Condition 25°C ($20^{\circ}\text{C} \times 120^{\circ}\text{C}$) Operating Temperature - $20^{\circ}\text{C} \times 120^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118° , 3.00mm Width) Supplier Device Package 8-MSOP		Temperature Sensors, Transducers
Sensor Type Digital, Local $ -40^{\circ}\text{C} \sim 125^{\circ}\text{C} $ Sensing Temperature - Remote $ - $ Output Type I2C $ \text{Voltage - Supply} \qquad 2.7 \text{ V} \sim 5.5 \text{ V} $ Resolution $ 10 \text{ b} $ Features $ \text{Output Switch, Programmable Limit, Shutdown Mode} $ Accuracy - Highest (Lowest) $ \pm 2^{\circ}\text{C} (\pm 3^{\circ}\text{C}) $ Test Condition $ 25^{\circ}\text{C} (-40^{\circ}\text{C} \sim 125^{\circ}\text{C}) $ Operating Temperature $ -40^{\circ}\text{C} \sim 125^{\circ}\text{C} $ Mounting Type $ \text{Surface Mount} $ Package / Case $ 8-\text{TSSOP, 8-MSOP } (0.118^{"}, 3.00 \text{mm Width}) $ Supplier Device Package $ 8-\text{MSOP} $	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Sensing Temperature - Local $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Sensing Temperature - Remote - Output Type I2C Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Resolution 10 b Features Output Switch, Programmable Limit, Shutdown Mode $2.0 \text{ C} = 125^{\circ}\text{C} = 125^{\circ}\text{C}$ Test Condition $2.0 \text{ C} = 125^{\circ}\text{C} = 125^{\circ}\text{C}$ Operating Temperature $2.0 \text{ C} = 125^{\circ}\text{C} = 125^{\circ}\text{C}$ Mounting Type Surface Mount $2.0 \text{ C} = 125^{\circ}\text{C} = 125^{\circ}\text{C} = 125^{\circ}\text{C}$ Supplier Device Package $2.0 \text{ C} = 125^{\circ}\text{C} = 125^{\circ}C$	Series	-
Sensing Temperature - Remote Output Type I2C Voltage - Supply Resolution 10 b Features Output Switch, Programmable Limit, Shutdown Mode Accuracy - Highest (Lowest) Test Condition 25°C (-40°C ~ 125°C) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Sensor Type	Digital, Local
Output TypeI2CVoltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Resolution 10 b FeaturesOutput Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest) $\pm 2^{\circ}\text{C}$ ($\pm 3^{\circ}\text{C}$)Test Condition 25°C ($-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$)Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 8-TSSOP , 8-MSOP (0.118° , 3.00mm Width)Supplier Device Package 8-MSOP	Sensing Temperature - Local	-40°C ~ 125°C
Voltage - Supply 2.7 V \sim 5.5 V Resolution 10 b Features Output Switch, Programmable Limit, Shutdown Mode $\pm 2^{\circ}C$ ($\pm 3^{\circ}C$) Test Condition 25 $^{\circ}C$ ($-40^{\circ}C \sim 125^{\circ}C$) Operating Temperature -40 $^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Sensing Temperature - Remote	-
Resolution 10 b Features Output Switch, Programmable Limit, Shutdown Mode Accuracy - Highest (Lowest) $\pm 2^{\circ}\text{C} (\pm 3^{\circ}\text{C})$ Test Condition $25^{\circ}\text{C} (-40^{\circ}\text{C} \sim 125^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Output Type	I2C
FeaturesOutput Switch, Programmable Limit, Shutdown ModeAccuracy - Highest (Lowest) $\pm 2^{\circ}\text{C}$ ($\pm 3^{\circ}\text{C}$)Test Condition 25°C ($-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$)Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Supply	2.7 V ~ 5.5 V
Accuracy - Highest (Lowest) $\pm 2^{\circ}\text{C} (\pm 3^{\circ}\text{C})$ Test Condition $25^{\circ}\text{C} (-40^{\circ}\text{C} \sim 125^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118", 3.00\text{mm Width})$ Supplier Device Package 8-MSOP	Resolution	10 b
Test Condition $25^{\circ}\text{C} (-40^{\circ}\text{C} \sim 125^{\circ}\text{C})$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Features	Output Switch, Programmable Limit, Shutdown Mode
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Accuracy - Highest (Lowest)	±2°C (±3°C)
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Test Condition	25°C (-40°C ~ 125°C)
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-MSOP	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-MSOP
•		Report errors?

AD7418ARMZ 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.

AD7418ARMZ Payment Methods



















AD7418ARMZ Shipping Methods













If you have any question about AD7418ARMZ, please do not hesitate to contact us!

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