

CS42435-CMZ Information



For Reference Only

Part Number CS42435-CMZ
Manufacturer Cirrus Logic Inc.

Category Integrated Circuits (ICs)
Interface - CODECs

Description IC AUD CODEC 108DB 192KHZ 52MQFP

Package 52-QFP

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.









CS42435-CMZ Specifications

Manufacturer Part NumberCS42435-CMZManufacturerCirrus Logic Inc.CategoryIntegrated Circuits (ICs)Package52-QFPSeries-TypeAudioData InterfaceSerialResolution (Bits)24 bNumber of ADCs / DACs4 / 8Sigma DeltaYesS/N Ratio, ADCs / DACs (db) Typ-Dynamic Range, ADCs / DACs (db) Typ105 / 108 (Differential), 102 / 105 (Single-Ended)Voltage - Supply, Analog3.14 V ~ 5.25 VVoltage - Supply, Digital3.14 V ~ 3.47 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-QFPSupplier Device Package52-MQFP (10x10)Report errors?	•	
Category Integrated Circuits (ICs) Interface - CODECs Package 52-QFP Series - Type Audio Data Interface Serial Resolution (Bits) 24 b Number of ADCs / DACs 4 / 8 Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ - Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Manufacturer Part Number	CS42435-CMZ
Package 52-QFP Series - Type Audio Data Interface Serial Resolution (Bits) 24 b Number of ADCs / DACs 4 / 8 Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ - Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Manufacturer	Cirrus Logic Inc.
Package 52-QFP Series - Type Audio Data Interface Serial Resolution (Bits) 24 b Number of ADCs / DACs 4 / 8 Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ - Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Category	Integrated Circuits (ICs)
Series - Type Audio Data Interface Serial Resolution (Bits) 24 b Number of ADCs / DACs 4 / 8 Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ - Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)		Interface - CODECs
Type Audio Data Interface Serial Resolution (Bits) 24 b Number of ADCs / DACs 4 / 8 Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ - Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-MQFP (10x10)	Package	52-QFP
Data Interface Resolution (Bits) Number of ADCs / DACs 4 / 8 Sigma Delta S/N Ratio, ADCs / DACs (db) Typ Dynamic Range, ADCs / DACs (db) Typ Voltage - Supply, Analog Voltage - Supply, Digital Operating Temperature Mounting Type Surface Mount Package / Case Serial 24 b A / 8 Yes S/N Ratio, ADCs / DACs (db) Typ - Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) 3.14 V ~ 5.25 V 3.14 V ~ 3.47 V Operating Temperature A0°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package	Series	-
Resolution (Bits) Number of ADCs / DACs 4 / 8 Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case Supplier Device Package 52-MQFP (10x10)	Туре	Audio
Number of ADCs / DACs Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Data Interface	Serial
Sigma Delta Yes S/N Ratio, ADCs / DACs (db) Typ Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package	Resolution (Bits)	24 b
S/N Ratio, ADCs / DACs (db) Typ Dynamic Range, ADCs / DACs (db) Typ 105 / 108 (Differential), 102 / 105 (Single-Ended) Voltage - Supply, Analog 3.14 V ~ 5.25 V Voltage - Supply, Digital 3.14 V ~ 3.47 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Number of ADCs / DACs	4 / 8
Dynamic Range, ADCs / DACs (db) Typ $105 / 108 \text{ (Differential), } 102 / 105 \text{ (Single-Ended)}$ Voltage - Supply, Analog $3.14 \text{ V} \sim 5.25 \text{ V}$ Voltage - Supply, Digital $3.14 \text{ V} \sim 3.47 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package $52\text{-MQFP (}10x10\text{)}$	Sigma Delta	Yes
Voltage - Supply, Analog $3.14 \text{ V} \sim 5.25 \text{ V}$ Voltage - Supply, Digital $3.14 \text{ V} \sim 3.47 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	S/N Ratio, ADCs / DACs (db) Typ	-
Voltage - Supply, Digital $3.14 \text{ V} \sim 3.47 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package $52\text{-MQFP} (10x10)$	Dynamic Range, ADCs / DACs (db) Typ	105 / 108 (Differential), 102 / 105 (Single-Ended)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Voltage - Supply, Analog	3.14 V ~ 5.25 V
Mounting Type Surface Mount Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Voltage - Supply, Digital	3.14 V ~ 3.47 V
Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 52-MQFP (10x10)	Mounting Type	Surface Mount
	Package / Case	52-QFP
Report errors?	Supplier Device Package	52-MQFP (10x10)
		Report errors?

CS42435-CMZ 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.

CS42435-CMZ Payment Methods



















CS42435-CMZ Shipping Methods













If you have any question about CS42435-CMZ, please do not hesitate to contact us!

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