



BH2220FVM-TR Information



For Reference Only

Part Number BH2220FVM-TR

Manufacturer Rohm Semiconductor

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

DescriptionIC CONVERTER D/A 8BIT 3CH 8MSOP**Package**8-VSSOP, 8-MSOP (0.110", 2.80mm Width)

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.









BH2220FVM-TR Specifications

Manufacturer Part Number BH2220FVM-TR Manufacturer Rohm Semiconductor Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Series - Number of Bits 8 Number of D/A Converters 3 Settling Time 100µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Series - Number of Bits 8 Number of D/A Converters 3 Settling Time 100µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -	Manufacturer Part Number	BH2220FVM-TR
Package 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Series - Number of Bits 8 Number of D/A Converters 3 Settling Time 100μs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -	Manufacturer	Rohm Semiconductor
Package 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Series - Number of Bits 8 Number of D/A Converters 3 Settling Time 100μs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -	Category	Integrated Circuits (ICs)
Series - Number of Bits 8 Number of D/A Converters 3 Settling Time 100μs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits Number of D/A Converters 3 Settling Time 100µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 41.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package Mounting Type - 100µs 2 Output No Supplier Device Package 8-MSOP Mounting Type - 100µs	Package	8-VSSOP, 8-MSOP (0.110", 2.80mm Width)
Number of D/A Converters Settling Time 100µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) \$\frac{\pmathbb{1}{2}}{2}\$\$\$\$\frac{\pmathbb{2}{2}}{2}\$	Series	-
Settling Time 100µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package Mounting Type -	Number of Bits	8
Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package Mounting Type -	Number of D/A Converters	3
Differential Output No Data Interface SPI Reference Type - Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) \$\frac{\pmathbb{\text{total}}{\pmathbb{\text{DNL}}} \text{(Max), \pmathbb{\text{total}}} \text{(Max)}}{\pmathbb{\text{total}}} \text{Architecture} Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package Mounting Type -	Settling Time	100μs
Data Interface Reference Type - Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package Mounting Type - SPI - SPI	Output Type	Voltage - Buffered
Reference Type Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 41.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package Mounting Type -	Differential Output	No
Voltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 1.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $8-\text{VSSOP}, 8-\text{MSOP} \text{ (0.110", 2.80mm Width)}$ Supplier Device Package $8-\text{MSOP}$ Mounting Type-	Data Interface	SPI
Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 1.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $8-\text{VSSOP}, 8-\text{MSOP} \text{ (0.110", 2.80mm Width)}$ Supplier Device Package $8-\text{MSOP}$ Mounting Type-	Reference Type	-
INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -	Voltage - Supply, Analog	2.7 V ~ 5.5 V
Architecture R-2R Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature -30°C ~ 85°C Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -	INL/DNL (LSB)	±1.5 (Max), ±1 (Max)
Package / Case 8-VSSOP, 8-MSOP (0.110", 2.80mm Width) Supplier Device Package 8-MSOP Mounting Type -	Architecture	R-2R
Supplier Device Package 8-MSOP Mounting Type -	Operating Temperature	-30°C ~ 85°C
Mounting Type -	Package / Case	8-VSSOP, 8-MSOP (0.110", 2.80mm Width)
	Supplier Device Package	8-MSOP
Report errors?	Mounting Type	-
1		Report errors?

BH2220FVM-TR 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.

BH2220FVM-TR Payment Methods



















BH2220FVM-TR Shipping Methods













If you have any question about BH2220FVM-TR, please do not hesitate to contact us!

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