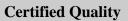


## **TS7001IM8T**

### **TS7001IM8T Information**

Heisener.com	Part Number Manufacturer Category Description Package	TS7001IM8T Silicon Labs Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) IC ADC 12BIT SGL 2CH 8MSOP 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	
For Reference Only	8	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com	Request a Quote



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.



### **TS7001IM8T Specifications**

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Manufacturer Part Number	TS7001IM8T
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs)
	Data Acquisition - Analog to Digital Converters (ADC)
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Series	-
Number of Bits	12
Sampling Rate (Per Second)	187.5k
Number of Inputs	2
Input Type	Single Ended
Data Interface	SPI, DSP
Configuration	MUX-S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	1
Architecture	SAR
Reference Type	External, Internal
Voltage - Supply, Analog	2.7 V ~ 3.6 V
Voltage - Supply, Digital	2.7 V ~ 3.6 V
Features	-
Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package	8-MSOP
Mounting Type	-
	Report errors?

### **TS7001IM8T** 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 SUARANTEE

### **Service Guarantees**

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

# TS7001IM8T Payment MethodsImage: Image: Image:

If you have any question about TS7001IM8T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com