



SIT9002AC-28H25EQ Information



For Reference Only

Part Number SIT9002AC-28H25EQ

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVDS 2.5V EN/DS 25PPM

Package 6-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

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



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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.









SIT9002AC-28H25EQ Specifications

Manufacturer Part NumberSIT9002AC-28H25EQManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPackage6-SMD, No LeadSeriesSiT9002TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionEnable/DisableOutputLVDSVoltage - Supply2.5VFrequency Stability±25ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-1.00%, Down SpreadCurrent - Supply (Max)77mA		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -1.00%, Down Spread Current - Supply (Max) Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Aesonation STATUTE OSCILLATION Programmable Oscillators Programmable Oscillators Programmable Oscillators Aesonation Aeso	Manufacturer Part Number	SIT9002AC-28H25EQ
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Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -1.00%, Down Spread Current - Supply (Max) 77mA	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability + ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -1.00%, Down Spread Current - Supply (Max) 77mA	Series	SiT9002
Available Frequency Range Function Enable/Disable Output LVDS Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth -1.00%, Down Spread Current - Supply (Max) IMHz ~ 220MHz Enable/Disable LVDS LVDS 2.5V +25ppm -20°C ~ 70°C Spread Spectrum Bandwidth -1.00%, Down Spread	Type	MEMS (Silicon)
Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability +25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -1.00%, Down Spread Current - Supply (Max) 77mA	Programmable Type	Programmed as Request
OutputLVDSVoltage - Supply $2.5V$ Frequency Stability ± 25 ppmFrequency Stability (Total)-Operating Temperature -20° C $\sim 70^{\circ}$ CSpread Spectrum Bandwidth -1.00% , Down SpreadCurrent - Supply (Max) 77 mA	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply 2.5V Frequency Stability ± 25 ppm Frequency Stability (Total) - Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth -1.00% , Down Spread Current - Supply (Max) 77mA	Function	Enable/Disable
Frequency Stability $\pm 25 \text{ppm}$ Frequency Stability (Total) - Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth -1.00% , Down Spread Current - Supply (Max) 77mA	Output	LVDS
Frequency Stability (Total) - Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth -1.00% , Down Spread Current - Supply (Max) 77mA	Voltage - Supply	2.5V
Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth -1.00% , Down Spread Current - Supply (Max) 77mA	Frequency Stability	±25ppm
Spread Spectrum Bandwidth -1.00%, Down Spread Current - Supply (Max) 77mA	Frequency Stability (Total)	-
Current - Supply (Max) 77mA	Operating Temperature	-20°C ~ 70°C
	Spread Spectrum Bandwidth	-1.00%, Down Spread
	Current - Supply (Max)	77mA
Ratings -	Ratings	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 6-SMD, No Lead	Package / Case	6-SMD, No Lead
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Height 0.039" (1.00mm)	Height	0.039" (1.00mm)
Report errors?		Report errors?

SIT9002AC-28H25EQ 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.

SIT9002AC-28H25EQ Payment Methods



















SIT9002AC-28H25EQ Shipping Methods













If you have any question about SIT9002AC-28H25EQ, please do not hesitate to contact us!

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