



## SIT9121AI-2D-25S Information



For Reference Only

Part Number SIT9121AI-2D-25S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVDS 2.5V STBY 20PPM

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.









## SIT9121AI-2D-25S Specifications

Manufacturer Part Number         SIT9121AI-2D-25S           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         SiT9121           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 220MHz           Function         Standby           Output         LVDS           Voltage - Supply         2.5V           Frequency Stability         ±20ppm           Frequency Stability (Total)         -           Operating Temperature         +40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         55mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.032" (0.80mm)		
Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         SiT9121           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 220MHz           Function         Standby           Output         LVDS           Voltage - Supply         ±20pm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         55mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.032" (0.80mm)	Manufacturer Part Number	SIT9121AI-2D-25S
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Series         SiT9121           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 220MHz           Function         Standby           Output         LVDS           Voltage - Supply         2.5V           Frequency Stability         ±20ppm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         55mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.032" (0.80mm)		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionStandbyOutputLVDSVoltage - Supply2.5VFrequency Stability±20ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)55mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.032" (0.80mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 220MHz  Function Standby  Output LVDS  Voltage - Supply 2.5V  Frequency Stability ±20ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 55mA  Ratings - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.00000000000000000000000000000000000	Series	SiT9121
Available Frequency Range Function Standby Output LVDS Voltage - Supply 2.5V Frequency Stability +20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) S5mA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.0276" L x 0.197" W (7.00mm x 5.00mm) Height	Туре	MEMS (Silicon)
Function Standby Output LVDS Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 55mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.032" (0.80mm)	Programmable Type	Programmed as Request
Output LVDS  Voltage - Supply 2.5V  Frequency Stability ±20ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 55mA  Ratings - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.032" (0.80mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Stability  Frequency Stability (Total)  - Surface Mount  Package / Case  Size / Dimension  Height  2.5V  2.5V  2.5V  2.5V  2.6V  4.00  -  Surface Mount  5.5m  Surface Mount  6-SMD, No Lead  5.276" L x 0.197" W (7.00mm x 5.00mm)  0.032" (0.80mm)	Function	Standby
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  Size / Dimension  O.276" L x 0.197" W (7.00mm x 5.00mm)  Height  +20ppm  -40°C ~ 85°C  -40°C	Output	LVDS
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  S55mA  Ratings  - Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  0.276" L x 0.197" W (7.00mm x 5.00mm)  Height  0.032" (0.80mm)	Voltage - Supply	2.5V
Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max)  Ratings - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.032" (0.80mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  S5mA  Ratings  - Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  0.276" L x 0.197" W (7.00mm x 5.00mm)  Height  0.032" (0.80mm)	Frequency Stability (Total)	-
Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.032" (0.80mm)	Operating Temperature	-40°C ~ 85°C
Ratings Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.032" (0.80mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount  Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.032" (0.80mm)	Current - Supply (Max)	55mA
Package / Case       6-SMD, No Lead         Size / Dimension       0.276" L x 0.197" W (7.00mm x 5.00mm)         Height       0.032" (0.80mm)	Ratings	-
Size / Dimension       0.276" L x 0.197" W (7.00mm x 5.00mm)         Height       0.032" (0.80mm)	Mounting Type	Surface Mount
Height 0.032" (0.80mm)	Package / Case	6-SMD, No Lead
-	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.032" (0.80mm)
		Report errors?

#### SIT9121AI-2D-25S 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.

### SIT9121AI-2D-25S Payment Methods



















### SIT9121AI-2D-25S Shipping Methods













If you have any question about SIT9121AI-2D-25S, please do not hesitate to contact us!

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