



### **501DAG-ABAG Information**



For Reference Only

Part Number 501DAG-ABAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 1.8V EN/DS 50PPM

Package 4-SMD, No Lead

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.









## **501DAG-ABAG Specifications**

Category Crystals, Oscillators, Resonators Programmable Oscillators  Package 4-SMD, No Lead Series CMEMS? Si501  Type CMEMS? Programmable Type Programmed as Request Available Frequency Range 32kHz ~ 100MHz Function Enable/Disable Output LVCMOS Voltage - Supply 1.8V  Frequency Stability - Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA		
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Package 4-SMD, No Lead Series CMEMS? Si501 Type CMEMS? Programmable Type Programmed as Request Available Frequency Range 32kHz ~ 100MHz Function Enable/Disable Output LVCMOS Voltage - Supply 1.8V Frequency Stability Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA	Manufacturer	Silicon Labs
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Series CMEMS? Si501 Type CMEMS? Programmable Type Programmed as Request Available Frequency Range 32kHz ~ 100MHz Function Enable/Disable Output LVCMOS Voltage - Supply 1.8V Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA		Programmable Oscillators
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Available Frequency Range  Function  Enable/Disable  Output  LVCMOS  Voltage - Supply  1.8V  Frequency Stability  - Frequency Stability (Total)  Operating Temperature  Spread Spectrum Bandwidth  - Current - Supply (Max)  32kHz ~ 100MHz  Enable/Disable  LVCMOS  1.8V  -  -  -  -  -  -  -  -  -  -  -  -  -	Type	CMEMS?
Function Enable/Disable  Output LVCMOS  Voltage - Supply 1.8V  Frequency Stability - Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 6.5mA	Programmable Type	Programmed as Request
Output LVCMOS  Voltage - Supply 1.8V  Frequency Stability  Frequency Stability (Total) ±50ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 6.5mA	Available Frequency Range	32kHz ~ 100MHz
Voltage - Supply  1.8V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  Supply (Max)  -40°C ~ 85°C  Spread Spectrum Bandwidth  -  Current - Supply (Max)  6.5mA	Function	Enable/Disable
Frequency Stability - $\pm 50$ ppm	Output	LVCMOS
Frequency Stability (Total) $\pm 50$ ppm  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth $-$ Current - Supply (Max) $6.5$ mA	Voltage - Supply	1.8V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth $-$ Current - Supply (Max) $6.5\text{mA}$	Frequency Stability	-
Spread Spectrum Bandwidth - Current - Supply (Max) 6.5mA	Frequency Stability (Total)	±50ppm
Current - Supply (Max) 6.5mA	Operating Temperature	-40°C ~ 85°C
	Spread Spectrum Bandwidth	-
	Current - Supply (Max)	6.5mA
Ratings -	Ratings	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-SMD, No Lead	Package / Case	4-SMD, No Lead
Size / Dimension 0.157" L x 0.126" W (4.00mm x 3.20mm)	Size / Dimension	0.157" L x 0.126" W (4.00mm x 3.20mm)
Height 0.035" (0.90mm)	Height	0.035" (0.90mm)
Report errors?		Report errors?

### **501DAG-ABAG 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.

## **501DAG-ABAG Payment Methods**



















### **501DAG-ABAG Shipping Methods**













If you have any question about 501DAG-ABAG, please do not hesitate to contact us!

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