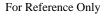


501PBL-ADAF

Request a Quote

501PBL-ADAF Information

Si50x	Part Number	501PBL-ADAF
	Manufacturer	Silicon Labs
	Category	Crystals, Oscillators, Resonators Programmable Oscillators
	Description	OSC PROG LVCMOS 1.7V-3.6V EN/DS
	Package	4-SMD, No Lead
		For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com



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.



501PBL-ADAF Specifications

ManufacturerSilicon LabsCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadPackageCMEMS? Si501SperiesCMEMS? Si501Programmable TypeProgrammed as RequestProgrammable TypeSachele Size Size Size Size Size Size Size Siz			
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesCMEMS? Si501TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability (Total)-0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mACatings-Ratings-Package / CaseSurface MountPackage / CaseSurface MountPackage / CaseSurface MountPackage / CaseSurface MountPackage / CaseSurface Mount	Manufacturer Part Number	501PBL-ADAF	
Programmable OscillatorsPackage4-SMD, No LeadSeriesCMEMS? Si501TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableDutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability (Total)±30pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Package / Case4.SMD, No Lead	Manufacturer	Silicon Labs	
Package4-SMD, No LeadSeriesCMEMS? Si501TypeCMEMS? Si501Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableDutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Package / CaseSurface MountPackage / Case-	Category	Crystals, Oscillators, Resonators	
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TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableDutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability (Total)±30pmOperating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Package / CaseSurface MountPackage / Case4.SMD, No Lead	Package	4-SMD, No Lead	
Programmable TypeProgrammed as RequestProgrammable Type9rogrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableDutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Package / Case4.SMD, No Lead	Series	CMEMS? Si501	
Available Frequency Range32kHz ~ 100MHzFunctionEnable/DisableDutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Package / Case4-SMD, No Lead	Туре	CMEMS?	
FunctionEnable/DisableDutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Programmable Type	Programmed as Request	
DutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No Lead	Available Frequency Range	32kHz ~ 100MHz	
Yoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Function	Enable/Disable	
Frequency Stability-Frequency Stability (Total)±30pmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No Lead	Output	LVCMOS	
Frequency Stability (Total)±30ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Voltage - Supply	1.7 V ~ 3.6 V	
Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Frequency Stability	-	
Spread Spectrum Bandwidth - Current - Supply (Max) 8.9mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Frequency Stability (Total)	±30ppm	
Current - Supply (Max)8.9mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No Lead	Operating Temperature	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$	
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Spread Spectrum Bandwidth	-	
Mounting Type Surface Mount Package / Case 4-SMD, No Lead	Current - Supply (Max)	8.9mA	
Package / Case 4-SMD, No Lead	Ratings	-	
-	Mounting Type	Surface Mount	
2.722 + Dimension = 0.008 W + 2.00 mm + 2.00 mm	Package / Case	4-SMD, No Lead	
0.098 L X 0.079 W (2.30mm X 2.00mm)	Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)	
Height 0.035" (0.90mm)	Height	0.035" (0.90mm)	
Report errors?		Report errors?	

E-mail: salesdept@heisener.com

501PBL-ADAF 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 EUARANTEE

Service Guarantees

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

501PBL-ADAF Payment Methods



501PBL-ADAF Shipping Methods



If you have any question about 501PBL-ADAF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com