



501HBA-ACAF Information



For Reference Only

Part Number 501HBA-ACAF 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

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.









501HBA-ACAF Specifications

Manufacturer Part Number501HBA-ACAFManufacturerSilicon LabsCategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesCMEMS? Si501TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-
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 1.7 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) Operating Temperature -20°C ~ 70°C
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 1.7 V ~ 3.6 V Frequency Stability Frequency Stability (Total) ±30ppm Operating Temperature -20°C ~ 70°C
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 1.7 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±30ppm Operating Temperature -20°C ~ 70°C
SeriesCMEMS? Si501TypeCMEMS?Programmable TypeProgrammed as RequestAvailable Frequency Range32kHz ~ 100MHzFunctionEnable/DisableOutputLVCMOSVoltage - Supply1.7 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±30ppmOperating Temperature-20°C ~ 70°C
Type CMEMS? Programmable Type Programmed as Request Available Frequency Range 32kHz ~ 100MHz Function Enable/Disable Output LVCMOS Voltage - Supply 1.7 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±30ppm Operating Temperature -20°C ~ 70°C
Programmable Type Programmed as Request Available Frequency Range $32kHz \sim 100MHz$ Function Enable/Disable Output LVCMOS LVCMOS $1.7 \text{ V} \sim 3.6 \text{ V}$ Frequency Stability $-$ Frequency Stability (Total) $\pm 30\text{ppm}$ Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Available Frequency Range $32kHz \sim 100MHz$ Function Enable/Disable Output LVCMOS $1.7 \text{ V} \sim 3.6 \text{ V}$ Frequency Stability $-$ Frequency Stability (Total) $\pm 30\text{ppm}$ Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Function Enable/Disable Output LVCMOS Voltage - Supply $1.7 \text{ V} \sim 3.6 \text{ V}$ Frequency Stability $-$ Frequency Stability (Total) $\pm 30 \text{ppm}$ Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Output LVCMOS
Voltage - Supply $1.7 \text{ V} \sim 3.6 \text{ V}$ Frequency Stability $-$ Frequency Stability (Total) $\pm 30 \text{ppm}$ Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Frequency Stability - Frequency Stability (Total) ± 30 ppm - 20° C $\sim 70^{\circ}$ C
Frequency Stability (Total) ± 30 ppm Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Spread Spectrum Dandwidth
Spread Spectrum Bandwidun -
Current - Supply (Max) 8.9mA
Ratings -
Mounting Type Surface Mount
Package / Case 4-SMD, No Lead
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)
Height 0.035" (0.90mm)
Report errors?

501HBA-ACAF 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.

501HBA-ACAF Payment Methods



















501HBA-ACAF Shipping Methods













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

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