



## SI4760-A10-AM Information



For Reference Only

Part Number SI4760-A10-AM
Manufacturer Silicon Labs
Category RF/IF and RFID
RF Receivers

**Description** IC RCVR AM/FM/HD AUTO 40-QFN

Package 40-VFQFN Exposed Pad

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.









# SI4760-A10-AM Specifications

Manufacturer         \$14760-A10-AM           Manufacturer         \$ilicon Labs           Category         RF/IF and RFID           RF Receivers           Package         40-VFQFN Exposed Pad           Series         -           Frequency         \$20kHz ~ 1.71MHz, 64MHz ~ 108MHz           Sensitivity         -           Data Rate (Max)         -           Modulation or Protocol         AM, FM, RDS           Applications         Automotive Audio           Current - Receiving         130mA           Data Interface         PCB, Surface Mount           Memory Size         -           Antenna Connector         PCB, Surface Mount           Features         -           Voltage - Supply         1.5 V ~ 5 V           Operating Temperature         -40°C ~ 85°C           Package / Case         40-VFQFN Exposed Pad           Supplier Device Package         40-QFN (6x6)		
Category         RF/IF and RFID           RF Receivers           Package         40-VFQFN Exposed Pad           Series         -           Frequency         520kHz ~ 1.71MHz, 64MHz ~ 108MHz           Sensitivity         -           Data Rate (Max)         -           Modulation or Protocol         AM, FM, RDS           Applications         Automotive Audio           Current - Receiving         130mA           Data Interface         PCB, Surface Mount           Memory Size         -           Antenna Connector         PCB, Surface Mount           Features         -           Voltage - Supply         1.5 V ~ 5 V           Operating Temperature         -40°C ~ 85°C           Package / Case         40-VFQFN Exposed Pad           Supplier Device Package         40-QFN (6x6)	Manufacturer Part Number	SI4760-A10-AM
Package         40-VFQFN Exposed Pad           Series         -           Frequency         520kHz ~ 1.71MHz, 64MHz ~ 108MHz           Sensitivity         -           Data Rate (Max)         -           Modulation or Protocol         AM, FM, RDS           Applications         Automotive Audio           Current - Receiving         130mA           Data Interface         PCB, Surface Mount           Memory Size         -           Antenna Connector         PCB, Surface Mount           Features         -           Voltage - Supply         1.5 V ~ 5 V           Operating Temperature         -40°C ~ 85°C           Package / Case         40-VFQFN Exposed Pad           Supplier Device Package         40-QFN (6x6)	Manufacturer	Silicon Labs
Package         40-VFQFN Exposed Pad           Series         -           Frequency         520kHz ~ 1.71MHz, 64MHz ~ 108MHz           Sensitivity         -           Data Rate (Max)         -           Modulation or Protocol         AM, FM, RDS           Applications         Automotive Audio           Current - Receiving         130mA           Data Interface         PCB, Surface Mount           Memory Size         -           Antenna Connector         PCB, Surface Mount           Features         -           Voltage - Supply         1.5 V ~ 5 V           Operating Temperature         -40°C ~ 85°C           Package / Case         40-VFQFN Exposed Pad           Supplier Device Package         40-QFN (6x6)	Category	RF/IF and RFID
Series-Frequency520kHz ~ 1.71MHz, 64MHz ~ 108MHzSensitivity-Data Rate (Max)-Modulation or ProtocolAM, FM, RDSApplicationsAutomotive AudioCurrent - Receiving130mAData InterfacePCB, Surface MountMemory Size-Antenna ConnectorPCB, Surface MountFeatures-Voltage - Supply1.5 V ~ 5 VOperating Temperature-40°C ~ 85°CPackage / Case40-VFQFN Exposed PadSupplier Device Package40-QFN (6x6)		RF Receivers
Frequency 520kHz ~ 1.71MHz, 64MHz ~ 108MHz  Sensitivity -  Data Rate (Max) -  Modulation or Protocol AM, FM, RDS  Applications Automotive Audio  Current - Receiving 130mA  Data Interface PCB, Surface Mount  Memory Size -  Antenna Connector PCB, Surface Mount  Features -  Voltage - Supply 1.5 V ~ 5 V  Operating Temperature -40°C ~ 85°C  Package / Case 40-VFQFN Exposed Pad  Supplier Device Package 40-QFN (6x6)	Package	40-VFQFN Exposed Pad
Sensitivity Data Rate (Max) - Modulation or Protocol AM, FM, RDS  Applications Automotive Audio  Current - Receiving 130mA Data Interface PCB, Surface Mount  Memory Size - Antenna Connector PCB, Surface Mount  Features - Voltage - Supply 1.5 V ~ 5 V  Operating Temperature -40°C ~ 85°C  Package / Case 40-VFQFN Exposed Pad Supplier Device Package 40-QFN (6x6)	Series	-
Data Rate (Max)-Modulation or ProtocolAM, FM, RDSApplicationsAutomotive AudioCurrent - Receiving130mAData InterfacePCB, Surface MountMemory Size-Antenna ConnectorPCB, Surface MountFeatures-Voltage - Supply1.5 V ~ 5 VOperating Temperature-40°C ~ 85°CPackage / Case40-VFQFN Exposed PadSupplier Device Package40-QFN (6x6)	Frequency	520kHz ~ 1.71MHz, 64MHz ~ 108MHz
Modulation or ProtocolAM, FM, RDSApplicationsAutomotive AudioCurrent - Receiving130mAData InterfacePCB, Surface MountMemory Size-Antenna ConnectorPCB, Surface MountFeatures-Voltage - Supply1.5 V ~ 5 VOperating Temperature-40°C ~ 85°CPackage / Case40-VFQFN Exposed PadSupplier Device Package40-QFN (6x6)	Sensitivity	-
Applications  Current - Receiving  130mA  Data Interface  PCB, Surface Mount  Memory Size  - Antenna Connector  PCB, Surface Mount  PCB, Surface Mount  Features  - Voltage - Supply  1.5 V ~ 5 V  Operating Temperature  -40°C ~ 85°C  Package / Case  40-VFQFN Exposed Pad  Supplier Device Package  40-QFN (6x6)	Data Rate (Max)	-
Current - Receiving Data Interface PCB, Surface Mount  Memory Size - Antenna Connector PCB, Surface Mount  Features - Voltage - Supply 1.5 V ~ 5 V Operating Temperature -40°C ~ 85°C  Package / Case 40-VFQFN Exposed Pad Supplier Device Package 40-QFN (6x6)	Modulation or Protocol	AM, FM, RDS
Data Interface PCB, Surface Mount  Memory Size -  Antenna Connector PCB, Surface Mount  Features -  Voltage - Supply 1.5 V ~ 5 V  Operating Temperature -40°C ~ 85°C  Package / Case 40-VFQFN Exposed Pad  Supplier Device Package 40-QFN (6x6)	Applications	Automotive Audio
Memory Size-Antenna ConnectorPCB, Surface MountFeatures-Voltage - Supply1.5 V ~ 5 VOperating Temperature-40°C ~ 85°CPackage / Case40-VFQFN Exposed PadSupplier Device Package40-QFN (6x6)	Current - Receiving	130mA
Antenna Connector PCB, Surface Mount  Features -  Voltage - Supply 1.5 V ~ 5 V  Operating Temperature -40°C ~ 85°C  Package / Case 40-VFQFN Exposed Pad  Supplier Device Package 40-QFN (6x6)	Data Interface	PCB, Surface Mount
Features - Voltage - Supply $1.5 \text{ V} \sim 5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $40\text{-VFQFN Exposed Pad}$ Supplier Device Package $40\text{-QFN }(6x6)$	Memory Size	-
Voltage - Supply $1.5 \text{ V} \sim 5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $40\text{-VFQFN Exposed Pad}$ Supplier Device Package $40\text{-QFN } (6x6)$	Antenna Connector	PCB, Surface Mount
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $40\text{-VFQFN}$ Exposed Pad Supplier Device Package $40\text{-QFN}$ (6x6)	Features	-
Package / Case 40-VFQFN Exposed Pad Supplier Device Package 40-QFN (6x6)	Voltage - Supply	1.5 V ~ 5 V
Supplier Device Package 40-QFN (6x6)	Operating Temperature	-40°C ~ 85°C
	Package / Case	40-VFQFN Exposed Pad
Report errors?	Supplier Device Package	40-QFN (6x6)
L .		Report errors?

#### SI4760-A10-AM 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.

## SI4760-A10-AM Payment Methods



















# SI4760-A10-AM Shipping Methods













If you have any question about SI4760-A10-AM, please do not hesitate to contact us!

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