



24CW160T-I/SN Information



For Reference Only

Part Number24CW160T-I/SNManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

Memory

DescriptionIC EEPROM 16K I2C 1MHZ 8SOIC**Package**8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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24CW160T-I/SN Specifications

Manufacturer Part Number24CW160T-I/SNManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)MemoryMemoryPackage8-SOIC (0.154", 3.90mm Width)Series24CWMemory TypeNon-VolatileMemory FormatEEPROMTechnologyEEPROMMemory Size16Kb (2K x 8)Memory InterfacePCClock Frequency1MHzWrite Cycle Time - Word, Page5msAccess Time450nsVoltage - Supply1.6 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	•	
Category Integrated Circuits (ICs) Memory Package 8-SOIC (0.154", 3.90mm Width) Series 24CW Memory Type Non-Volatile Memory Format EEPROM Technology EEPROM Memory Size 16Kb (2K x 8) Memory Interface IPC Clock Frequency 1MHz Write Cycle Time - Word, Page 5ms Access Time 450ns Voltage - Supply 1.6 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	24CW160T-I/SN
$\begin{array}{c} \text{Memory} \\ \text{Package} & 8\text{-SOIC} (0.154\text{", } 3.90 \text{mm Width}) \\ \text{Series} & 24 \text{CW} \\ \text{Memory Type} & \text{Non-Volatile} \\ \text{Memory Format} & \text{EEPROM} \\ \text{Technology} & \text{EEPROM} \\ \text{Memory Size} & 16 \text{Kb} (2 \text{K x 8}) \\ \text{Memory Interface} & \text{PC} \\ \text{Clock Frequency} & 1 \text{MHz} \\ \text{Write Cycle Time - Word, Page} & 5 \text{ms} \\ \text{Access Time} & 450 \text{ns} \\ \text{Voltage - Supply} & 1.6 \text{ V} \sim 5.5 \text{ V} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} (\text{TA}) \\ \text{Mounting Type} & \text{Surface Mount} \\ \text{Package / Case} & 8\text{-SOIC} (0.154\text{", } 3.90 \text{mm Width}) \\ \end{array}$	Manufacturer	Microchip Technology
Package8-SOIC (0.154", 3.90mm Width)Series 24CW Memory TypeNon-VolatileMemory FormatEEPROMTechnologyEEPROMMemory Size $16\text{Kb} (2\text{K x 8})$ Memory Interface $I^2\text{C}$ Clock Frequency 1MHz Write Cycle Time - Word, Page 5ms Access Time 450ns Voltage - Supply $1.6\text{ V} \sim 5.5\text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (T\text{A})$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC} (0.154", 3.90mm \text{ Width})$	Category	Integrated Circuits (ICs)
Series 24CW Memory Type Non-Volatile Memory Format EEPROM Technology EEPROM Memory Size 16Kb (2K x 8) Memory Interface IPC Clock Frequency 1MHz Write Cycle Time - Word, Page 5ms Access Time 450ns Voltage - Supply 1.6 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		Memory
Memory TypeNon-VolatileMemory FormatEEPROMTechnologyEEPROMMemory Size16Kb (2K x 8)Memory InterfaceIPCClock Frequency1MHzWrite Cycle Time - Word, Page5msAccess Time450nsVoltage - Supply1.6 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Memory FormatEEPROMTechnologyEEPROMMemory Size16Kb (2K x 8)Memory InterfaceIPCClock Frequency1MHzWrite Cycle Time - Word, Page5msAccess Time450nsVoltage - Supply1.6 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Series	24CW
Technology Memory Size 16Kb (2K x 8) Memory Interface IPC Clock Frequency 1MHz Write Cycle Time - Word, Page Access Time 450ns Voltage - Supply Operating Temperature Mounting Type Package / Case EEPROM 16Kb (2K x 8) 1PC 1MHz 1MHz 5ms 450ns 450ns 450ns Voltage - Supply 1.6 V ~ 5.5 V Surface Mount 8-SOIC (0.154", 3.90mm Width)	Memory Type	Non-Volatile
Memory Size Memory Interface PC Clock Frequency IMHz Write Cycle Time - Word, Page Access Time 450ns Voltage - Supply 1.6 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16Kb (2K x 8) 1	Memory Format	EEPROM
Memory InterfaceIPCClock Frequency1MHzWrite Cycle Time - Word, Page5msAccess Time450nsVoltage - Supply1.6 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Technology	EEPROM
Clock Frequency Write Cycle Time - Word, Page Access Time 450ns Voltage - Supply 1.6 V ~ 5.5 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Memory Size	16Kb (2K x 8)
Write Cycle Time - Word, Page 5ms Access Time 450ns Voltage - Supply 1.6 V \sim 5.5 V Operating Temperature -40°C \sim 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Memory Interface	I ² C
Access Time 450ns Voltage - Supply $1.6 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case $8-\text{SOIC}$ (0.154", 3.90mm Width)	Clock Frequency	1MHz
Voltage - Supply $1.6 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type Surface Mount Package / Case $8\text{-SOIC } (0.154^{\circ}\text{, 3.90mm Width})$	Write Cycle Time - Word, Page	5ms
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type Surface Mount Package / Case $8\text{-SOIC } (0.154\text{"}, 3.90\text{mm Width})$	Access Time	450ns
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply	1.6 V ~ 5.5 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Package / Case	8-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	8-SOIC
Report errors?		Report errors?

24CW160T-I/SN 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.

24CW160T-I/SN Payment Methods



















24CW160T-I/SN Shipping Methods













If you have any question about 24CW160T-I/SN, please do not hesitate to contact us!

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