

MCP4152T-103E/SN

MCP4152T-103E/SN Information

WHAT DISENSE COM	 MCP4152T-103E/SN Microchip Technology Integrated Circuits (ICs) Data Acquisition - Digital Potentiometers IC POT DGTL SNGL 10K RHEO 8SOIC 8-SOIC (0.154", 3.90mm Width) For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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MCP4152T-103E/SN Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Data Acquisition - Digital PotentiometersPackage8-SOIC (0.154", 3.90mm Width)Series-TaperLinearConfigurationRkeostatNumber of Circuits1Number of Taps257Resistance (Ohms)10kMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Tomperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital PotentiometersPackage8-SOIC (0.154", 3.90mm Width)Series-TaperLinearConfigurationRheostatNumber of Circuits1Number of Taps257Resistance (Ohms)10kInterfaceSPIWemory TypeVolatileVolatile1Volatge - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature4.0°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	MCP4152T-103E/SN
Data Acquisition - Digital PotentiometersPackage8-SOIC (0.154", 3.90mm Width)Series-TaperLinearConfigurationRheostatNumber of Circuits1Number of Taps257Resistance (Ohms)10kInterfaceSPIWemory TypeVolatileVoltaige - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer	Microchip Technology
Package8-SOIC (0.154", 3.90mm Width)Series-TaperLinearConfigurationRheostatNumber of Circuits1Number of Taps257Resistance (Ohms)10kInterfaceSPIMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Resistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series-TaperLinearConfigurationRheostatNumber of Circuits1Number of Taps257Resistance (Ohms)10kInterfaceSPIWemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)		Data Acquisition - Digital Potentiometers
TaperLinearConfigurationRheostatNumber of Circuits1Number of Taps257Resistance (Ohms)10kInterfaceSPIMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Resistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
ConfigurationRheostatNumber of Circuits1Number of Taps257Resistance (Ohms)10kInterfaceSPIMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Series	-
Number of Circuits1Number of Taps257Resistance (Ohms)10kInterfaceSPIMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance $\pm 20\%$ Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Taper	Linear
Number of Taps257Resistance (Ohms)10kInterfaceSPIMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Resistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Configuration	Rheostat
Resistance (Ohms)10kInterfaceSPIMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Number of Circuits	1
InterfaceSPIMemory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Number of Taps	257
Memory TypeVolatileVoltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Resistance (Ohms)	10k
Voltage - Supply1.8 V ~ 5.5 VFeatures-Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Interface	SPI
Features-Folerance±20%Tomperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Memory Type	Volatile
Tolerance±20%Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	1.8 V ~ 5.5 V
Temperature Coefficient (Typ)150 ppm/°CResistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Features	-
Resistance - Wiper (Ohms) (Typ)75Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Tolerance	±20%
Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Temperature Coefficient (Typ)	150 ppm/°C
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Resistance - Wiper (Ohms) (Typ)	75
Supplier Device Package 8-SOIC	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 125^{\circ}\mathrm{C}$
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

MCP4152T-103E/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.

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Service Guarantees

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

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