



### **SG-8002CA-PCM Information**



For Reference Only

Part Number SG-8002CA-PCM

Manufacturer EPSON

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG CMOS 3.3V EN/DS 100PPM

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.









## **SG-8002CA-PCM Specifications**

Manufacturer Part Number         SG-8002CA-PCM           Manufacturer         EPSON           Category         Crystals, Oscillators, Resonators           Programmable Oscillators           Package         4-SMD, No Lead           Series         SG-8002           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 125MHz           Function         Enable/Disable           Output         CMOS           Voltage - Supply         3.3V           Frequency Stability         ±100ppm           Frequency Stability (Total)         -           Operating Temperature         40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         28mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.055" (1.40mm)		
Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SG-8002           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 125MHz           Function         Enable/Disable           Output         CMOS           Voltage - Supply         3.3V           Frequency Stability (Total)         -           Operating Temperature         40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         28mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.055" (1.40mm)	Manufacturer Part Number	SG-8002CA-PCM
Package         4-SMD, No Lead           Series         SG-8002           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 125MHz           Function         Enable/Disable           Output         CMOS           Voltage - Supply         3.3V           Frequency Stability         ±100ppm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         28mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.055" (1.40mm)	Manufacturer	EPSON
Package         4-SMD, No Lead           Series         SG-8002           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 125MHz           Function         Enable/Disable           Output         CMOS           Voltage - Supply         3.3V           Frequency Stability         ±100ppm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         28mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.055" (1.40mm)	Category	Crystals, Oscillators, Resonators
Series         SG-8002           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 125MHz           Function         Enable/Disable           Output         CMOS           Voltage - Supply         3.3V           Frequency Stability         ±100ppm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         28mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.055" (1.40mm)		Programmable Oscillators
Type XO (Standard)  Programmable Type Programmed as Request  Available Frequency Range IMHz ~ 125MHz  Function Enable/Disable  Output CMOS  Voltage - Supply 3.3V  Frequency Stability + ±100ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 28mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height   Max   Max	Package	4-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 125MHz  Function Enable/Disable  Output CMOS  Voltage - Supply 3.3V  Frequency Stability ±100ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 28mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.055" (1.40mm)	Series	SG-8002
Available Frequency Range Function Enable/Disable Output CMOS Voltage - Supply 3.3V Frequency Stability Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height  A. WOS  Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable  Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable  A. WOS  SurV -40°C ~ 85°C -40°C	Туре	XO (Standard)
Function Enable/Disable Output CMOS Voltage - Supply 3.3V Frequency Stability ±100ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 28mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.0055" (1.40mm)	Programmable Type	Programmed as Request
Output CMOS  Voltage - Supply 3.3V  Frequency Stability ±100ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 28mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.055" (1.40mm)	Available Frequency Range	1MHz ~ 125MHz
Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  Height  3.3V  3.3V  3.3V  \$100ppm  -  800ppm  -  40°C ~ 85°C  5PC  5PC  5PC  5PC  5PC  5PC  5PC	Function	Enable/Disable
Frequency Stability (Total)	Output	CMOS
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.276" L x 0.197" W (7.00mm x 5.00mm)  Height	Voltage - Supply	3.3V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 28mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.055" (1.40mm)	Frequency Stability	±100ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.276" L x 0.197" W (7.00mm x 5.00mm)  Height  - 0.055" (1.40mm)	Frequency Stability (Total)	-
Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.055" (1.40mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.055" (1.40mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount  Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.055" (1.40mm)	Current - Supply (Max)	28mA
Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.055" (1.40mm)	Ratings	-
Size / Dimension       0.276" L x 0.197" W (7.00mm x 5.00mm)         Height       0.055" (1.40mm)	Mounting Type	Surface Mount
Height 0.055" (1.40mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.055" (1.40mm)
		Report errors?

### **SG-8002CA-PCM 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.

### **SG-8002CA-PCM Payment Methods**



















### **SG-8002CA-PCM Shipping Methods**













If you have any question about SG-8002CA-PCM, please do not hesitate to contact us!

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