



## **SG-8101CE-TBGSA Information**



For Reference Only

Part Number SG-8101CE-TBGSA

Manufacturer EPSON

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG CMOS 15PPM STBY DEF

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

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



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# **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-8101CE-TBGSA Specifications**

Manufacturer Part Number         SG-8101CE-TBGSA           Manufacturer         EPSON           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SG-8101           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         670kHz ~ 170MHz           Function         Standby           Output         CMOS           Voltage - Supply         1.62 V ~ 3.63 V           Frequency Stability         -           Frequency Stability (Total)         ±15ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         6.8mA           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         0.047" (1.20mm)		
Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SG-8101           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         670kHz ~ 170MHz           Function         Standby           Output         CMOS           Voltage - Supply         1.62 V ~ 3.63 V           Frequency Stability         -           Frequency Stability (Total)         ±15ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         6.8mA           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         0.047" (1.20mm)	Manufacturer Part Number	SG-8101CE-TBGSA
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Available Frequency Range Function Standby Output CMOS  Voltage - Supply 1.62 V ~ 3.63 V  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  670kHz ~ 170MHz  5tandby  670kHz ~ 170MHz  5tandby  670kHz ~ 170MHz  5tandby  680  680  -  Standby  1.62 V ~ 3.63 V  -  4.9°C ~ 85°C  6.8mA  6.8mA  6.8mA  6.8mA  6.8mA  6.8mA  7.000  6.8mA  8.000  6.8mA	Туре	XO (Standard)
Function Standby Output CMOS  Voltage - Supply 1.62 V ~ 3.63 V  Frequency Stability -  Frequency Stability (Total) ±15ppm Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 6.8mA  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 0.047" (1.20mm)	Programmable Type	Programmed as Request
Output CMOS  Voltage - Supply 1.62 V ~ 3.63 V  Frequency Stability -  Frequency Stability (Total) ±15ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 6.8mA  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 0.047" (1.20mm)	Available Frequency Range	670kHz ~ 170MHz
Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Operating Temperature  Spectrum Bandwidth  -  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  Size / Dimension  Height  1.62 V ~ 3.63 V  1.62	Function	Standby
Frequency Stability (Total)  Frequency Stability (Total)  Deprating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height  -  -  0.047" (1.20mm)	Output	CMOS
Frequency Stability (Total) ±15ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 6.8mA  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 0.047" (1.20mm)	Voltage - Supply	1.62 V ~ 3.63 V
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Spread Spectrum Bandwidth  Current - Supply (Max)  6.8mA  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 0.047" (1.20mm)	Frequency Stability (Total)	±15ppm
Current - Supply (Max)  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 0.047" (1.20mm)	Operating Temperature	-40°C ~ 85°C
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 0.047" (1.20mm)	Spread Spectrum Bandwidth	-
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 0.047" (1.20mm)	Current - Supply (Max)	6.8mA
Package / Case       4-SMD, No Lead         Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.047" (1.20mm)	Ratings	-
Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.047" (1.20mm)	Mounting Type	Surface Mount
Height 0.047" (1.20mm)	Package / Case	4-SMD, No Lead
-	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.047" (1.20mm)
		Report errors?

## **SG-8101CE-TBGSA 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-8101CE-TBGSA Payment Methods**



















## **SG-8101CE-TBGSA Shipping Methods**













If you have any question about SG-8101CE-TBGSA, please do not hesitate to contact us!

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