

# Programming tool for Programmable Crystal Oscillator

## SG-Writer II



Product Number  
**Q91PR20W1102000**



- Programming tool for programmable oscillator: SG-8018, SG-8101, SG-9101, SG-8503, SG-8504 and SG-8506 series (Blank sample)
- Able to program required frequency at customer side
- External power supply by USB cable
- Available PC OS: Windows 10, etc
- Small body and easy carry

### Main Body Specifications

Name	SG-Writer II for programmable oscillator: SG-8018, SG-8101, SG-9101, SG-8503, SG-8504 and SG-8506 series					
Operating Temperature	+10 °C to +40 °C Writing (+25 °C ±5 °C)					
Electric Power Supply	Via USB					
Standard Interface	USB 2.0 (mini-B)					
Accessories	SG-Writer II, Instruction manual (Documents: English, Japanese)					
Software	SG-Writer II					
Option SG-Writer IC socket *1	Model		Product number			
	SG-8018CA, SG-8101CA, SG-9101CA		Q91PR10W00021			
	SG-8018CB, SG-8101CB, SG-9101CB		Q91PR10W00025			
	SG-8018CE, SG-8101CE, SG-9101CE		Q91PR10W00018			
	SG-8018CG, SG-8101CG, SG-9101CG		Q91PR10W00024			
	SG-8503CA		Q91PR10W00026			
	SG-8504CA		Q91PR10W00027			
	SG-8506CA		Q91PR10W00028			
Option Blank sample	Model		Product number	Model		Product number
	SG-8018CA		X1G0055710001	SG-8503CA		X1G0050111001
	SG-8018CB		X1G0055810001	SG-8504CA		X1G0050211001
	SG-8018CE		X1G0055910001	SG-8506CA		X1G0050311001
	SG-8018CG		X1G0056010001			
	SG-8101CB		X1G0052010001			
	SG-8101CE		X1G0052110001			
	SG-8101CG		X1G0051810001			
	SG-9101CA		X1G0053010001			
	SG-9101CB		X1G0053110001			
	SG-9101CE		X1G0053210001			
	SG-9101CG		X1G0052910001			

\*1 If you have IC socket of either SG-8002CA/CE it can use for both SG-8018CA/CE, SG-8101CA/CE and SG-9101CA/CE.

### Recommend PC Specifications (You need to connect the SG-Writer II to a PC when you are writing.)

Available PC OS	Windows 7 (32 bit, 64 bit), Windows Vista (32 bit), Windows XP (32 bit) Windows 10 (32 bit, 64 bit)
Recommend CPU	Over Pentium 4 1.4 GHz or equivalent Processor
Recommend memory Capacity	Windows XP : Over 512 MB Windows Vista, Windows7 32 bit : Over 1 GB Windows 7 64 bit : Over 2 GB Windows 10 : Over 2 GB
Other	USB cable (Type A ↔ mini-B) Need SMD *2 socket when you write SG-8000 SMD products. (Sold separately)

\*2 Conventional IC socket for PROM Writer or SG-Writer (the previous model) can be used for SG-Writer II.

### Precautions

- The Blank sample of each series can be identified by marking
- The firmware update is required to program SG-8018, SG-8101, SG-9101, SG-8503, SG-8504 and SG-8506 series. For details please contact your supplier.

## PROMOTION OF ENVIRONMENTAL MANAGEMENT SYSTEM CONFORMING TO INTERNATIONAL STANDARDS

At Seiko Epson, all environmental initiatives operate under the Plan-Do-Check-Action (PDCA) cycle designed to achieve continuous improvements. The environmental management system (EMS) operates under the ISO 14001 environmental management standard.

All of our major manufacturing and non-manufacturing sites, in Japan and overseas, completed the acquisition of ISO 14001 certification.

ISO 14000 is an international standard for environmental management that was established by the International Standards Organization in 1996 against the background of growing concern regarding global warming, destruction of the ozone layer, and global deforestation.

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IATF 16949 is the international standard that added the sector-specific supplemental requirements for automotive industry based on ISO9001.

### ► Explanation of the mark that are using it for the catalog

	► Pb free.
	► Complies with EU RoHS directive. *About the products without the Pb-free mark. Contains Pb in products exempted by EU RoHS directive. (Contains Pb in sealing glass, high melting temperature type solder or other.)
	► Designed for automotive applications such as Car Multimedia, Body Electronics, Remote Keyless Entry etc.
	► Designed for automotive applications related to driving safety (Engine Control Unit, Air Bag, ESC etc ).

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