



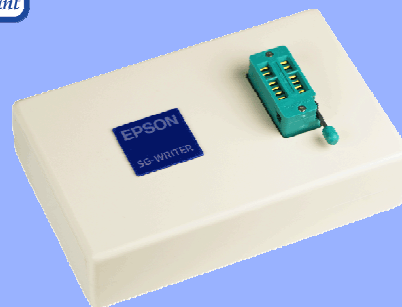
## Programming tool for Programmable Crystal Oscillator

# SG-Writer II

- Programming tool for programmable oscillator: SG-8101, SG-8002, SG-8003, 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.



Product Number  
Q91PR20W1102000



### Main Body Specifications

Name	SG-Writer II for programmable oscillator: SG-8101, SG-8002, SG-8003, 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-8003CG, SG-8101CG, SG-9101CG		Q91PR10W00024	
	SG-8003CE, SG-8101CE, SG-9101CE		Q91PR10W00018	
	SG-8003LB		Q91PR10W00019	
	SG-8003JF		Q91PR10W00020	
	SG-8003CA, SG-8101CA, SG-9101CA		Q91PR10W00021	
	SG-8101CB, SG-9101CB		Q91PR10W00025	
	SG-8503CA		Q91PR10W00026	
	SG-8504CA		Q91PR10W00027	
	SG-8506CA		Q91PR10W00028	
Option Blank sample	Model		Product number	
	SG-8003CG 1.8V		X1G0039910001	
	SG-8003CG 2.5V,3.3V		X1G0039910002	
	SG-8003CE 1.8V		Q33519E000001	
	SG-8003CE 2.5V,3.3V		Q33519E000002	
	SG-8003LB 1.8V		X1G0033010001	
	SG-8003LB 2.5V,3.3V		X1G0033010002	
	SG-8003JF 1.8V		X1G0030220001	
	SG-8003JF 2.5V,3.3V		X1G0030220002	
	SG-8003CA 1.8V		X1G0032310001	
	SG-8003CA 2.5V,3.3V		X1G0032310002	
	SG-8101CA		X1G0051910001	
	SG-8101CB		X1G0052010001	
	SG-8101CE		X1G0052110001	
	SG-8101CG		X1G0051810001	
	Model		Product number	
	SG-8002CE		Q3321CE000001	
SG-8002LB		Q3323LB010002		
SG-8002CA		Q3309CA000002		
SG-8002JC		Q3307JC010002		
SG-8002JA		Q3306JA020002		
SG-8002DC		Q3204DC010002		
SG-8002DB		Q3203DB010002		
SG-8503CA		X1G0050111001		
SG-8504CA		X1G0050211001		
SG-8506CA		X1G0050311001		
SG-9101CA		X1G0053010001		
SG-9101CB		X1G0053110001		
SG-9101CE		X1G0053210001		
SG-9101CG		X1G0052910001		

\*1 If you have IC socket of either SG-8002 series or SG-8003 series, it can use for both SG-8002 series and SG-8003 series.

If you are using SG-Writer II now and will purchase IC socket newly, please choose SG-8003 series socket (Except JC, JA package).

### 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 <sup>*2</sup> 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

- SG-8003 series has two types of Blank sample. Please write with correct typed sample shown below.

Vcc = 1.8 V type (For PE, SE)

Vcc = 2.5 V and 3.3 V type (For PD, SD, PC, SC)

\*It is able to identify Blank sample between SG-8002 series and SG-8003 series by marking.

- The firmware update is required to program SG-8101, SG-9101, SG-8503, SG-8504 and SG-8506 series.  
For details please contact your supplier.

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	► 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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