

A programming kit for configuring Epson programmable devices

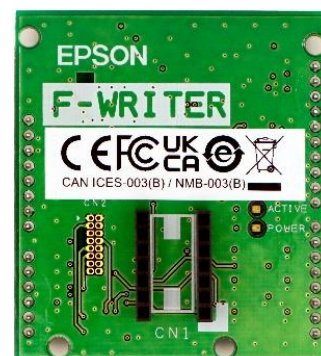


Product part number:
X9A000011001

F-WRITER SHIELD

F-WRITER is a programming kit for configuring Epson programmable devices. Simply combine the F-WRITER Shield with an Arduino® UNO R4 Minima to quickly program devices with your required settings in-house, helping streamline product development.

- Consists of an Epson F-WRITER Shield that mounts on the Arduino UNO R4 Minima.
- Provides intuitive operation through the dedicated F-WRITER App for Windows® 11.
- Requires only a USB Type-C connection—no separate programmer or external power supply needed.
- Supports one-at-a-time programming, making it ideal for low-volume prototyping and evaluation.
- Accommodates a variety of package sizes with optional SMD sockets.
- Supports online software and firmware updates, allowing additional products to be added in the future.
- Automatically generates the corresponding complete part number from the selected settings. This enables a seamless process from configuration verification to placing an order for volume production through our partner distributors' programming centers.
- Accepts SMD sockets and blank samples from the previous-generation SG-Writer II kit.



Kit Contents and Requirements

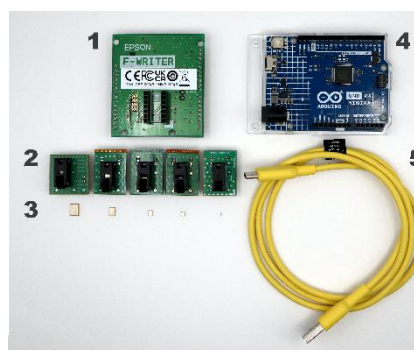
Hardware Requirements

Epson products:

1. F-WRITER Shield
2. SMD Sockets (sold separately, per device package type)
3. Programmable Devices (sold separately)

Customer-Supplied Items:

4. Arduino UNO R4 Minima
5. USB Cable (USB-C to USB-A/USB-C)



Software Requirements

- Windows 11 Home/Pro (64-bit, x64)
- .NET 8.0

Supported Devices, Options

Programmable Devices, Blank Samples*	Programmable SPXO		Programmable Spread-Spectrum SPXO	
	Model Name	Product Part Number	Model Name	Product Part Number
	SG-8018CA	X1G0055710001	SG-9101CA	X1G0053010001
	SG-8018CB	X1G0055810001	SG-9101CB	X1G0053110001
	SG-8018CE	X1G0055910001	SG-9101CE	X1G0053210001
	SG-8018CG	X1G0056010001	SG-9101CG	X1G0052910001
	SG-8101CA	X1G0051910001		
	SG-8101CB	X1G0052010001		
	SG-8101CE	X1G0052110001		
	SG-8101CG	X1G0051810001		
	SG-8200CG	X1G0062010001		
	SG-8200CJ	X1G0062110001		
	SG-8201CG	X1G0061910001		
	SG-8201CJ	X1G0059810001		
SMD Sockets*	Package Type	Product Part Number	Package Type	Product Part Number
	CA	Q91PR10W00021	CG	Q91PR10W00024
	CB	Q91PR10W00025	CJ	Q91PR10W00030
	CE	Q91PR10W00018	-	-

* Compatible with the SG-Writer II (previous generation), except SG-8200/SG-8201 Series blank samples.

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