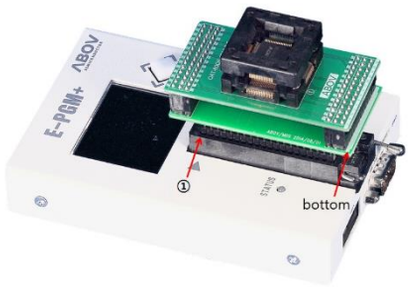
E-PGM+/E-PGM Serial

E-PGM Series – The Chip and On-board Programming Solution

E-PGM Series are a standalone type programmers optimized for chip and on-board programming purposes. E-PGM+ is available for both chip and on-board programming and E-PGM Serial is dedicated to on-board programming by serial interface(DSCL, DSDA). In particular, the E-PGM Serial has reinforced durability by adding protection circuitry to the input and output ports for harsh board level manufacturing line and the programming speed was improved more faster by deploying additional programming buffer as well.



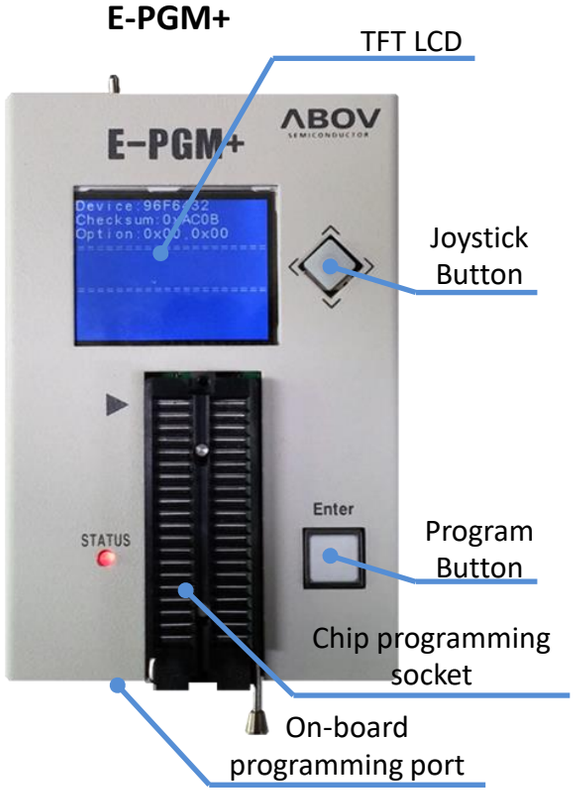
E-PGM+ with Socket
- Socket sold separately -

Feature

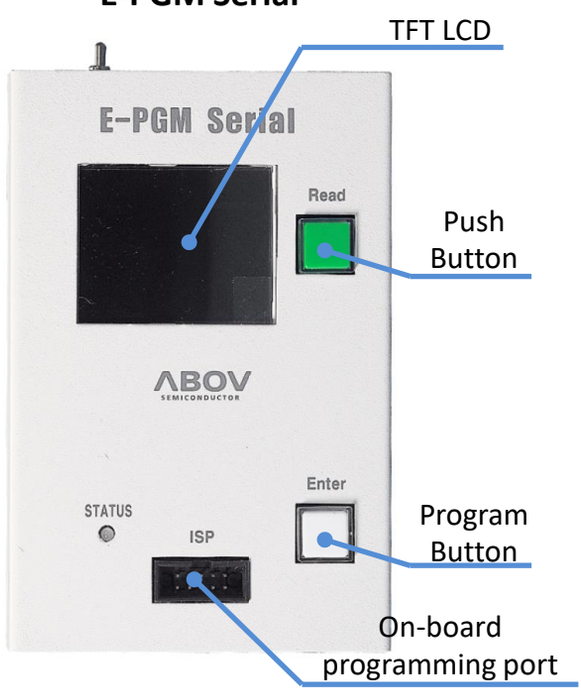
- Universal programmers for ABOV's MCUs
- E-PGM+ supports chip and on-board programming
- E-PGM Serial supports on-board programming only
- Auto/Erase/Program/Verify functions for ABOV MCUs
- Read Protection, Checksum and On-chip Trim functions
- 40-DIP socket for chip programming (E-PGM+ only)
- Supports Manufacturing Solution with external interface
- 10-pin connector for on-board programming
- RS-232 port for bar code reader in manufacturing line (E-PGM+ only)
- Enhanced protection circuitry for external I/O ports (E-PGM Serial only)
- 8MB expanded memory for speed (E-PGM Serial only)
- Cost saving programmer for on-board programming (E-PGM Serial)
- Supports ABOV 94/95/96/97 series MCUs except MC97F1x04S and 1316S
- Supports MC97F1x04S and 1316S (E-PGM+ only)

Product Appearance

E-PGM+



E-PGM Serial



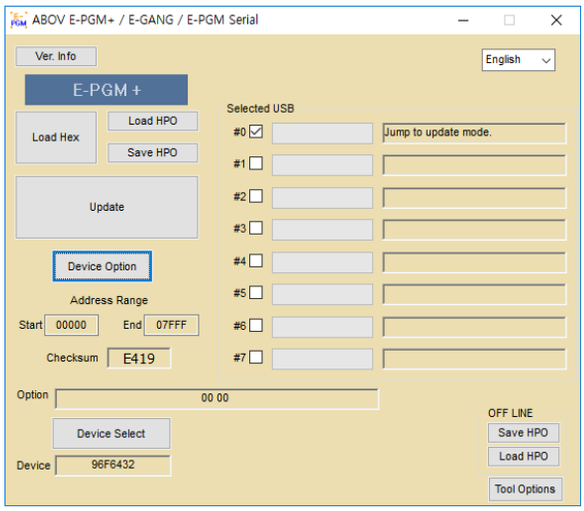
E-PGM+/E-PGM Serial

E-PGM+ and E-PGM Serial Specification

■ E-PGM+ and E-PGM Serial Specification Comparison

Contents	E-PGM+	E-PGM Serial
Main Processor	32-bit Microcontroller	
TFT-LCD	320 x 240 TFT LCD	
Host Interface	USB 2.0 Full Speed (12Mbps)	
Host Program	E-PGM+.exe	
Dimension	8.4 cm x 13.5 cm x 3.3 cm	
Input Voltage	15V 1A 15W External Adaptor	
Operating Temperature	-10 to 40 ℃	
Storage Temperature	-30 to 80 ℃	
Output voltage	0V to 17V	0V to 12V
Built-in protection circuits	Normal	Enhanced protection
Writing mode	Socket mode / On-board mode	On-board mode only
Buffer size	1MB	8MB
Support Bar code Reader (RS-232C)	Yes	No
40-DIP Socket	Yes	No
Handler Interface	Yes	Yes
Read Button Type	Joystick Button	Push Button
Supported Devices	All Devices	All 32-bit series 94/95/96/97 series (except MC97F1x04S and 1316S)

■ Host Program



■ Other Products

E-GANG4

E-GANG6

For more information, please visit our website at:
http://www.abov.co.kr/