

High Programming Speed > 1.6GB/SEC x 8PCS

SG8000



Fast Universal High-Volume Production Programmer

- Designed with high programming speed architecture, Band Width is fast than 1.6GB/sec
- Flexible Bottom Board embedded, supports Memory and MCU devices by Gang 8
- Universal program platform, support Nor/Nand/EPROM/EEPROM /eMMC/MCU/PLD/CPLD/FPGA....
- Support PC Remote and Standalone operation mode, easy to engineer test and mass production
- High performance Serial Code Program and friendly Project Management Log and Statistics Report
- Enhanced Image Builder for image file buildup included ECC, bad block management
- Support customized ISP program

www.sg.com.tw

**SYSTEM
GENERAL**

HIGH QUALITY! HIGH STABILITY! WIDE RANGE OF IC COVERAGE!

SG8000

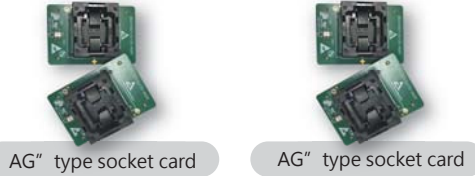
SG8000 Accessories



The figure below illustrates the interconnections of the SG8000

AG01 Bottom Board

Bottom board supports SPI, NOR, MCU and directly plug on main frame programmer, up to 8 socket card allowed



"AG" type socket card
Package socket card plug into AG 01/02 Bottom Board, up to 8 socket card installed

AG02 Bottom Board

Bottom board supports eMMC and directly plug on main frame programmer, up to 8 socket card allowed



"ISP socket card"
Support ISP program and directly plug on main frame programmer

"S" type socket card

Single package socket card plug directly into the programmer mainframe



Main Frame Programmer

Main Frame Programmer

The programmer can be connected directly to a PC, or it can work stand alone without PC

Device Support

EPROM,EEPROM,NOR,NAND,MoviNAND,iNAND,eMMC,eSD,GBNAND,SD,MMC,OneNAND,PLD,CPLD,FPGA

NAND Bad Block Handling

-Skip=Block technique included
-Add-on package of manufacturer approved NAND Flash bad block handling methods available.

Supports All Popular Programming Function

Program, Read, Verify, Blank Check, Illegal Bit Check, Erase, Secure, Pin Continually

Optional System General Software

NAND Bad Block
Schemes Serial Number Server
Data Mapper
Version Control

SG8000 Specifications

Communication Interface

-RJ45 connector
-USB connector

Electrical Requirements

-Operating Voltage: 110 to 240 VAC
-Power Consumption: 37.5 watts
-Frequency Range: 50 to 60 Hz

Physical Specifications

-Width: 16.0cm
-Depth: 22.6cm
-Height: 6.9cm
-Weight: 2kgs

Environmental

-Normal office environment/power

Temperature

-Operating: 0° to +50°C
-Transportation: -4° to +70°C
-Storage: 0° to 70°

Humidity

-Operating: up to 70% non-condensing
-Storage: up to 80% non-condensing

Service

-One year warranty

Computer Requirements:

-Operating System: Win XP, Win7, Win10
-SD Card slot (used for project card, optional)
-Network interface
-USB interface
-CD ROM Drive
-Serial or USB mouse

Standard Components

SG8000 main unit
AC power cord
USB2.0 cable
Ethernet cable
Driver CD
Instruction for Use (this manual)



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