



eMMC-S8 Socket Boards

Built on T/H9800 Universal Programmers



Product Highlights

- Supports eMMC spec. versions: v4.3, v4.4, v4.41, v4.5, v5.0, v5.01.
- Flexible programming mode: Smart Mode, Partition Mode, Clone Mode and Image Mode.
- High-speed Slave duplications through the Master eMMC or download Image File from PC to Master memory board (V3) for programming.
- Friendly user interface and "Job control" functions.
- Provides Real-time statistics displays and session log report.
- Supports eMMC Serial Code Programming.
- Image file download speed up to 37MB/s through USB 3.0 interface.
- Smart SG Image Builder software helps to convert the Image file easy and effortless.
- eMMC-S8 V3 supports image size up to 128GB for programming.

eMMC-S8 Socket Boards

Introduction

eMMC-S8 is a socket board designed to duplicate eMMC devices under the T/H9800 universal platform! The socket board is made of one Master socket card, or Master Memory Board(V3), plus up to 8 Slave socket cards, and is able to perform high-speed copy and verification from Master to blank Slaves. In case the Master is not available and customer have to rely on "Image Files", an eMMC "Image Builder" software designed by System General will assist customers on converting the files into a System General custom format. Then this converted eMMC Image file will be downloaded via USB 3.0 super-speed from PC to Master Memory board(V3) to proceed with device programming. The eMMC-S8 V3 socket board allows customer to use either Master eMMC or Image files to depuplicate eMMC Slaves.

Programming Mode

Although the eMMC software architecture was designed to accommodate custom application requirements, most applications follow the eMMC specifications and the following four programming modes will meet customers' standard eMMC application needs:

- **Smart Mode**
The system starts up by scanning through the Master eMMC and logging those non-blank areas on a system-created "Scan Table". Once Slave duplications are executed, the system will follow the Scan Table to do Copy/Verify from Master to blank Slaves.
- **Partition Mode**
The system will follow the scanned "Partition Table" in the Master eMMC to execute Copy/Verify on blank Slaves.
- **Clone Mode**
The system will copy/verify the Master to blank Slaves from the beginning address to the ending address, regardless of the data pattern in the Master.
- **Image Mode**
The system allows downloading the Image File from PC to eMMC-S8 socket board and will copy/verify the data from Master memory board (V3) to blank Slaves.

eMMC-S8 supported programmers

H9800	Universal Programmer for Handler
T9800	Manual type Universal Programmer
T9200	Manual type Memory and MCU model
T9100	Dedicate manual eMMC Programmer

Available Handler support

AP700, AP600, AP710, AP720, AP760, AP820, AP860

Environmental Requirements

- ▶ Operating temperature : 5~45°C (41~113°F)
- ▶ Operating humidity : 90% non-condensing

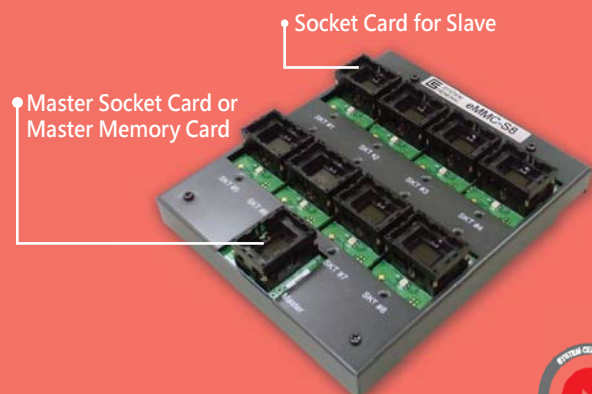
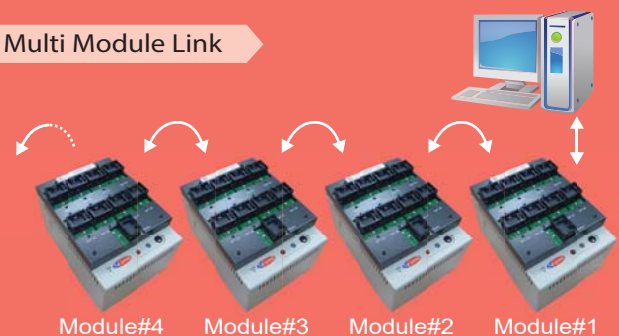
Physical Specifications

- ▶ Dimension : 16.65 x 14.4 x 1.9 cm (6.56 x 5.67 x 0.75 inch)
- ▶ Weight : 660 g (1.455 lbs)

PC System Requirements

- ▶ Operating system : Windows 2000 / XP/ Win7
- ▶ Processor : Pentium 4 or above
- ▶ Free disk space : 3GB recommended
- ▶ DRAM : 512MB recommended
- ▶ Communication : USB 2.0 / USB 3.0

Multi Module Link



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