

MQP Electronics

System 2000 - Gang Programming System



The best solution for your production requirements

- Flexible modular system
- Ultra fast programming = high throughput
- Stand-alone or PC controlled
- Production software language
- Easy to upgrade software or change modules (without opening housing)
- Single key operation
- Automatic identification of devices
- Keyboard lock function
- Automatic splits and sets
- Master checksum monitoring
- Add extra RAM in seconds, up a maximum of 128Mbit

Device Types

System 2000 offers a flexible modular system for programming virtually any type of device.

Package Types

All modules are fitted with DIL sockets.

All other package types like PLCC, SOIC, QFP and TSOP are supported using MQP's range of high quality package converters.

Note: the MP9 module is fitted with various socket cards for programming SIMMs or PCMCIA cards.

PC Control Software Speeds Production

MQP has for a long time set the standard in programmer driver software. [PROMDRIVER](#) features:

- Full use of colour and pop-up windows
- Easy device selection with multilevel filters
- Context sensitive on-line help
- Production mode with its own language for automated programming
- Automated serial numbering

Interface

Parallel and serial ports for connection to a PC.

Reliability

- Approved by major Device Manufacturers
- Always uses manufacturer approved algorithms
- Continuity / mis-insertion checks to ensure reliable programming
- Silicon signature checks
- Selectable Vcc levels on Verify
- Designed and manufactured in England
- Twelve month warranty
- Free firmware and software upgrades for 1 year
- Earth Bonding Point supports Anti-Static handling systems conforming to EN100 015-1

Physical Specifications

Weight: 8kg

Dimensions: 390 x 240 x 162 mm Material: Steel

Temperature: 0°C - 40°C

Humidity: 20% - 80% non condensing

Electrical Requirements

Operating voltages: 110/220/230/240 V with automatic switching

Frequency: 47 - 66 Hz

Power: 70W

Safety

Manufactured to meet the following safety standards: VDE0805, IEC950:1986, EN60950 and BS7002.

CE compliant.

Programming Speed (example)

Blankcheck, Program and Verify at 2 Vcc levels (using module MP4 - **16 devices**)

Device: 29C010

Size: 1Mbit

Time:10 sec

Standard Accessories

The System 2000 comes complete with the following:

- PROMDRIVER control software on CD
- Dust Cover
- Serial / Parallel cable kit
- Power supply cable
- Reference Manual on CD

Optional Accessories

- Range of programming modules for families of devices (MP2 - MP9)
- Comprehensive range of package converter