SGS-THOMSON MICROELECTRONICS

ST62Exx-GP

GANG PROGRAMMERS FOR ST62 MCU FAMILY

HARDWARE FEATURES

■ Programs simultaneously up to 10 ST62Exx EPROM and OTP MCUs

■ Standalone and PC driven modes

■ DIP and SO packages supported

SOFTWARE FEATURES

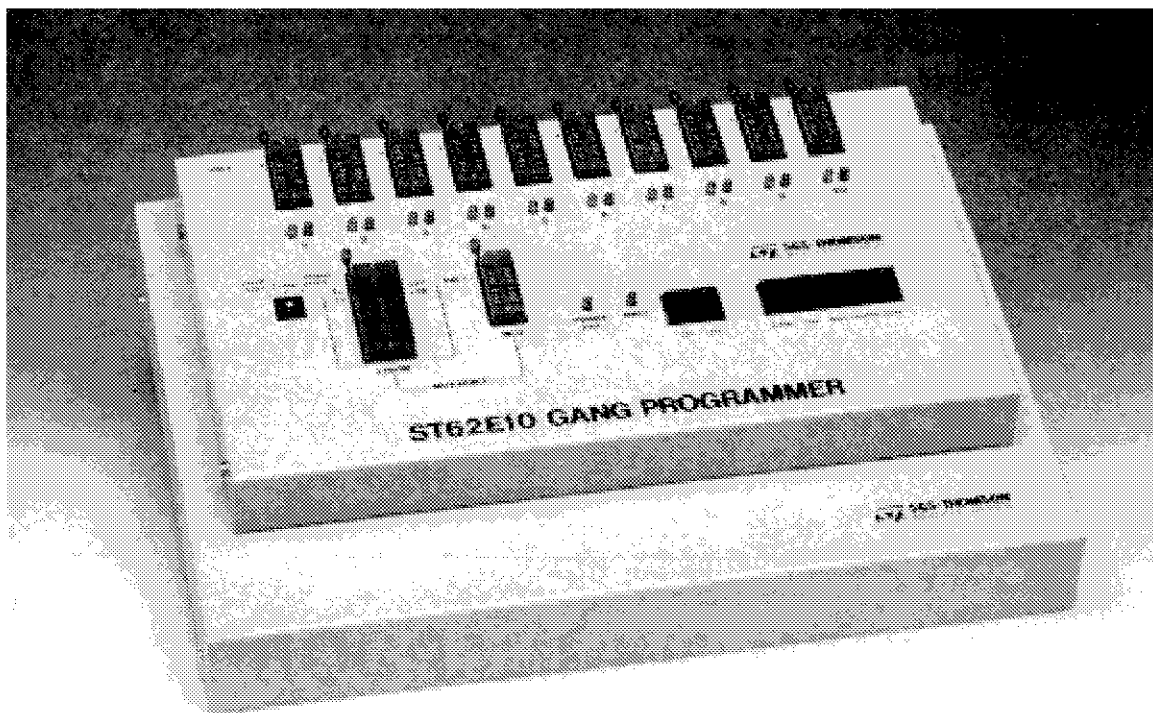■ Menu driven software

■ S19 or INTEL hex file format

DESCRIPTION

The ST62 gang programmers are designed for programming up to 10 EPROM or OTP devices. It can run either in standalone or remote mode under control of a DOS compatible PC.

In standalone mode, the target ST62 MCUs are programmed with a simple key operation directly from a master EPROM memory or from a master EPROM MCU. Two color LEDs indicate for each target device the operational pass or fail. Both VERIFY and BLANK CHECK functions are provided.

In Remote mode, the gang programmer is connected to a DOS compatible PC through an RS232 serial channel. Object code in either S19 or INTEL HEX format is read from disk files to program the target devices. The menu driven software also offers VERIFY, BLANK CHECK, READ master and other utility functions.

The gang programmer is made up of a two parts, a base unit common to all ST62XX devices and a dedicated package adaptator.

ORDERING INFORMATION

Sales Types	Description	Supported Devices [1]	Supported Packages
ST62E10-GP/DIP	Gang Programmer	ST62E10 [2] ST62T10 [2] ST62E20 [2] ST62T20 [2]	DIP20
ST62E10-GP/SO	Gang Programmer	ST62E10 [2] ST62T10 [2] ST62E20 [2] ST62T20 [2]	SO20
ST62E15-GP/DIP	Gang Programmer	ST62E15 [2] ST62T15 [2] ST62E25 [2] ST62T25 [2]	DIP28
ST62E15-GP/SO	Gang Programmer	ST62E15 [2] ST62T15 [2] ST62E25 [2] ST62T25 [2]	SO28
ST62E40-GP/QFP	Gang Programmer	ST62E40 ST62T40	QFP80
ST62E42-GP/QFP	Gang Programmer	ST62E42 ST62T42	QFP64
ST62E45-GP/QFP	Gang Programmer	ST62E45 ST62T45	QFP52
ST62E60-GP/DIP	Gang Programmer	ST62E60 [2] ST62T60 [2]	DIP20
ST62E60-GP/SO	Gang Programmer	ST62E60 [2] ST62T60 [2]	SO20
ST62E65-GP/DIP	Gang Programmer	ST62E65 [2] ST62T65 [2]	DIP28
ST62E65-GP/SO	Gang Programmer	ST62E65 [2] ST62T65 [2]	SO28
ST62E80-GP/QFP	Gang Programmer	ST62E80 ST62T80	QFP100
ST62E85-GP/QFP	Gang Programmer	ST62E85 ST62T85	QFP80

Note 1. Both /HWD and /SWD options are supported.

Note 2. Including the ST62xxB version

Dedicated Gang Programmers (suffix -GP/xxx) are delivered including one dedication module (Suffix-GPA/xxx).Alternative device dedication modules are available under the sales types given above, by changing -GP to -GPA. For instance, a ST62E65-GPA/DIP allows to program DIP devices on a ST62E65-GP/SO initially dedicated to only SO packages.

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