SGS-THOMSON MICROELECTRONICS

ST62Exx-EPB

EPROM PROGRAMMING BOARDS FOR ST62 MCU FAMILY

HARDWARE FEATURES

- Programs the ST62Exx EPROM and OTP MCUs
- Standalone and PC driven modes
- All ST62Exx packages are supported

SOFTWARE FEATURES

- Menu driven software
- S19 or INTEL hex file formats

DESCRIPTION

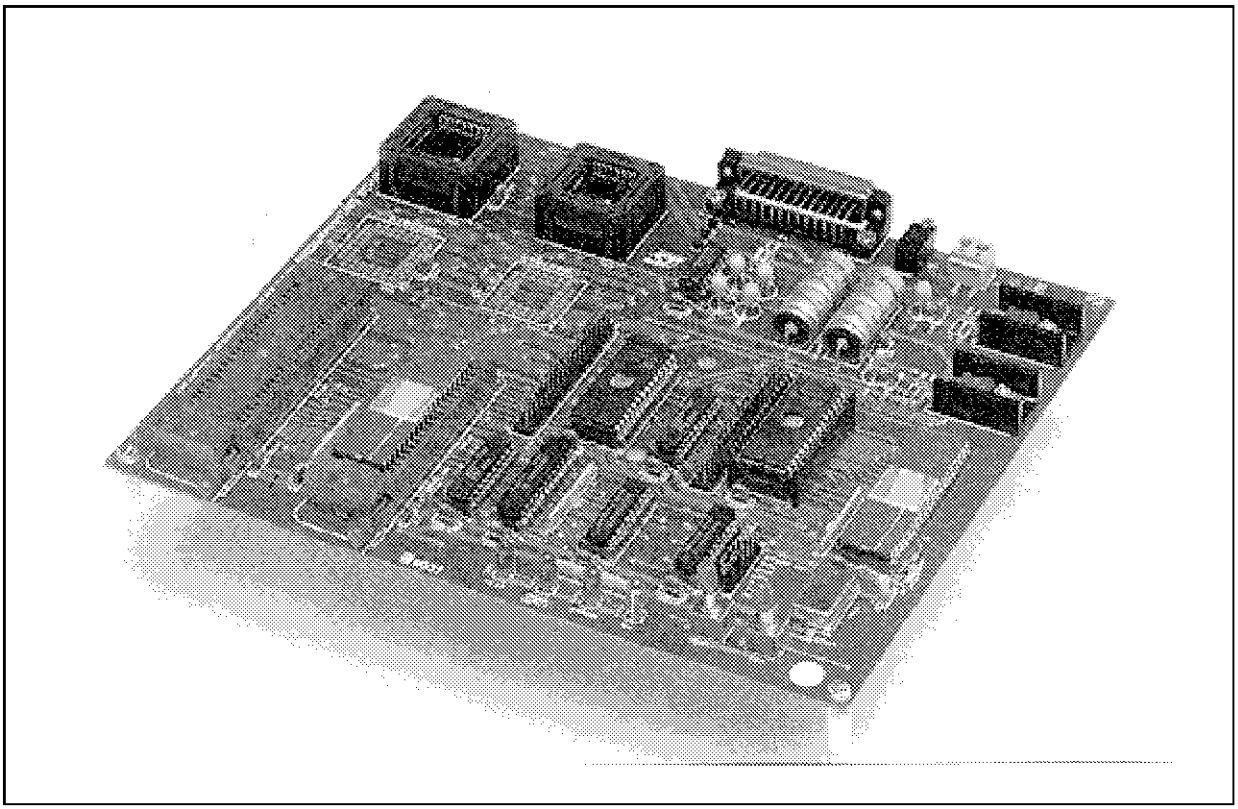
Different programming boards are designed for programming of the various EPROM and OTP devices of the ST62 sub-family. For a particular device, all available packages are supported by the same programming board.

It can run either in standalone or remote mode under control of a DOS compatible PC.

In standalone mode, the microcontrollers can be programmed with a simple key operation directly from a master EPROM device or a master microcontroller. Two colour LEDs indicate the operational pass or fail.

In standalone mode an EPROM memory or a master MCU is plugged into the programming board. The code from the EPROM or the master MCU is read and programmed into the ST62 EPROM or OTP device. Both VERIFY and BLANK CHECK functions are provided.

In remote mode, the programming board 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 file to program the ST62 EPROM or OTP device. The menu driven software also offers VERIFY, BLANK CHECK, READ MASTER and other utility functions..



ORDERING INFORMATION

Sales Types (1)	Supported Devices	Supported Packages
ST62E1X- EPB/XXX ST62E2X- EPB/XXX	ST62T00 (2) ST62T01 (2) ST62E01 (2) ST62T03 (2) ST62T08 (2) ST62T09 (2) ST62T10 (2) ST62T15 (2) ST62T20 (2) ST62E20 (2) ST62T25 (2) ST62E25 (2)	DIP16 DIP20 DIP28 SO16 SO20 SO28
ST62E4X-EPB/XXX	ST62E40 ST62E42 ST62E45 ST62T40 ST62T42 ST62T45	QFP52 QFP64 QFP80
ST62E6X-EPB/XXX	ST62T53B ST62T60B ST62E60B ST62T63B	DIP20 SO20 DIP28 SO28
ST62E8X-EPB/XXX	ST62E80 ST62E85 ST62T80 ST62T85	QFP100 QFP80

Notes :

1. ST62Exx-EPB/110 : 110V Power Supply
   ST62Exx-EPB/220 : 220V Power Supply
2. Both /HWD and /SWD options are supported