# 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**

■ Windows 3.1x 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 PC through an RS232 serial channel or a parallel port. Object code in either S19 or INTEL HEX format is read from disk file to program the ST62 EPROM or OTP device. The Windows software also offers VERIFY, BLANK CHECK, READ MASTER functions. The software allows various user friendly facilities, such as re-instating the same programming session, user selectable programming steps; it also allows serial numbering with auto-incrementation.
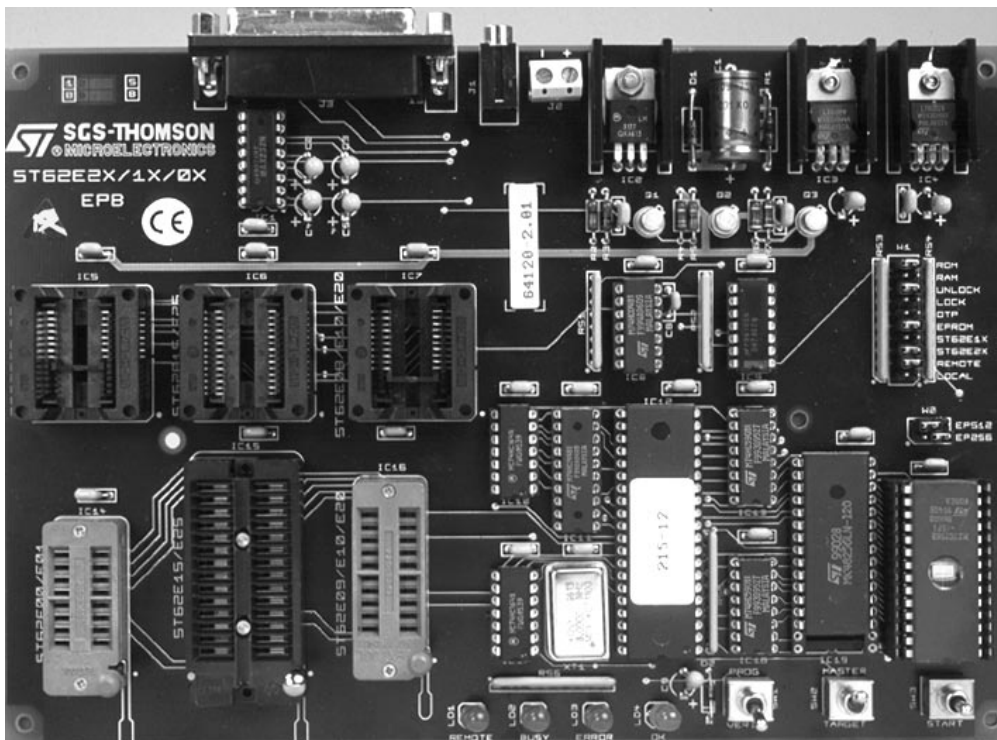
## ORDERING INFORMATION

| Sales Types [1] | Supported Devices [2] | Supported Packages |
|---|---|---|
| ST62E2XC- EPB/XXX | ST62T00<br>ST62T01<br>ST62E01<br>ST62T03<br>ST62T08<br>ST62T09<br>ST62T10<br>ST62T15<br>ST62T18<br>ST62E18<br>ST62T20<br>ST62E20<br>ST62T25<br>ST62E25<br>ST62T28<br>ST62E28 | DIP16<br>DIP20<br>DIP28<br>SO16<br>SO20<br>SO28 |
| ST62E3X-EPB/XXX | ST62T30<br>ST62E30<br>ST62T32<br>ST62E32 | DIP28<br>SO28<br>SDIP42 |
| ST62E4XB-EPB/XXX | ST62T40<br>ST62E40<br>ST62T42<br>ST62E42<br>ST62T46<br>ST62E46 | SDIP56<br>QFP64<br>QFP80 |
| ST62E6XB-EPB/XXX | ST62T52<br>ST62T53<br>ST62T55<br>ST62T60<br>ST62E60<br>ST62T62<br>ST62E62<br>ST62T63<br>ST62T65<br>ST62E65 | DIP16<br>SO16<br>DIP20<br>SO20<br>DIP28<br>SO28 |
| ST62E8X-EPB/XXX | ST62T80<br>ST62E80<br>ST62T85<br>ST62E85 | QFP100<br>QFP80 |

**Notes** :

1. ST62Exx-EPB/110 : 110V Power Supply
   ST62Exx-EPB/220 : 220V Power Supply
2. Each EPB supports all variants of its relating device when relevant (/SW, /HW, B or C)

**Notes:**