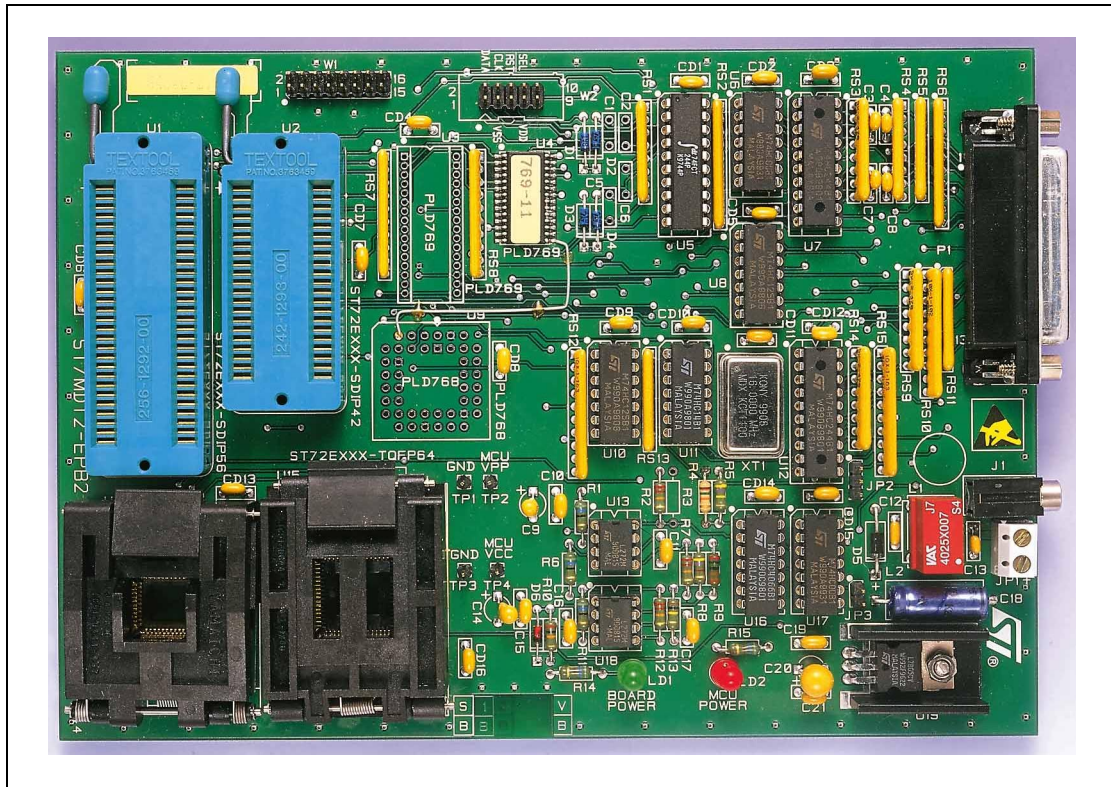


## Programming Boards for the ST7 MCU Family



### FEATURES

- Programming Boards (EPBs) available for all OTP, EPROM, EEPROM and FLASH versions of the ST7 MCU family.
- Zero Insertion Force (ZIF) sockets are present on each programming board for each supported package type
- Connection to host PC via parallel port (with a standard parallel cable in standard mode or ECP)
- Delivered with Windows®-compatible host software interface, ST7 Windows Epromer (WINEE) which includes useful functions such as VERIFY, BLANK CHECK, READ MASTER and others.
- Handles both Motorola® S19 and Intel® HEX file formats.

### DESCRIPTION

The ST7 EPB series of programming boards allow you to program all ST7 microcontrollers having OTP, EPROM, EEPROM or FLASH memories.

The layout of each programming board varies depending on the type and package of the ST7 microcontroller you wish to program—a typical board layout is shown in the figure above. Ordering information for ST7 EPB programming boards is given on page 2.

Some of the programming boards also support ISP (In Situ Programming).

*Note that the ST7 EPB series of programming boards are meant to program small numbers of microcontrollers (i.e. prototypes in the development stage). For mass production programming, it is recommended that you use the appropriate gang programmer.*

## ORDERING INFORMATION

DEVICE	PACKAGE	EPB SALES TYPE <sup>1</sup>
ST72E63	SDIP32/S034	ST72E63-EPB/EU ST72E63-EPB/US
ST72751/2/3	SDIP56/SDIP42/SO34	ST727X4-EPB/EU
ST72777/ ST72774	SDIP42/TQFP44	ST727X4-EPB/US
ST72E101/T101/C104	SDIP32/SO28	ST7MDT1-EPB2/EU
ST72E21x/T21x/C21x		ST7MDT1-EPB2/UK
ST72E251/T251/C254		ST7MDT1-EPB2/US
ST72E121/T121/C124	SDIP42/TQFP44	ST7MDT2-EPB2/EU ST7MDT2-EPB2/UK ST7MDT2-EPB2/US
ST72E311/T311/C314	SDIP42/TQFP44/SDIP56/TQFP64	
ST72E331/T331/C334	SDIP42/TQFP44/SDIP56/TQFP64	
ST72E51X/T51X/E311R/T311R	TQFP64	
ST72E272/T272	SDIP32/SO34	ST7MDT4-EPB/EU
ST72E37x/T37x	SDIP42/TQFP44/SDIP56/TQFP64	ST7MDT4-EPB/UK
ST72E671/T671	SDIP56/TQFP64	ST7MDT4-EPB/US
ST72E141	SDIP32/SO34	ST7MDT5-EPB/EU ST7MDT5-EPB/US
ST72C171	SDIP32/SO34	ST7MDT6-EPB2/EU ST7MDT6-EP2/US
ST72C411	TQFP64	ST7MDT7-EPB2/EU ST7MDT7-EPB2/US
ST7UD05/ST7UD13	HiQuad64	ST7UD05/UD13-EPB/EU
ST72F61/ST72F62	S020/SDIP20/SO34/SDIP32/TQFP44/SDIP42	ST72MDTU2-EPB/EU ST72MDTU2-EPB/US

1. Power mains voltage can vary from country to country. Order your ST7 EPB using the Sales Type appropriate for your region. The extensions on the Sales Type indicate the following voltages: /EU = 220 V, /UK = 240 V, /US = 110 V.

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