

## ST7-EPB series programming boards

Data brief

### Features

- In-circuit programming or in-situ programming of various ST7 devices (depending on the EPB and the ST7 it supports)
- Supports executables in Motorola S19 and Intel formats
- Voltage: 5 V
- The EPB programming boards are delivered in a complete package that includes:
  - Programming sockets for all packages in the supported ST7 sub-family
  - Power supply
  - Parallel port interface to the host PC
  - STVP software for in-circuit programming

### Description

STMicroelectronic's ST7-EPB series programming boards can program all ST7 microcontrollers with OTP, EPROM, EEPROM or Flash memories, regardless of the package type.

Some programming boards support in-situ programming or in-circuit programming of ST7 Flash microcontrollers installed on an application board.

All ST7-EPB series programming boards are delivered with ST Visual Programmer (STVP), ST's powerful, easy-to-use microcontroller programming interface which allows you to read, write and verify ST7 memory and option bytes. STVP also provides a project mode for storing programming configurations and automating programming sequences.



**Table 1. Device summary**

| Part number | Order code                                                                                                                                                                                                |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ST7-EPB     | <ul style="list-style-type: none"> <li>– ST7MDTS1-EPB/xx for ST7SCR1x devices</li> <li>– ST7MDTU3-EPB/xx for ST7260x/263x devices</li> <li>– ST7MDTU5-EPB/xx for ST7265x devices<sup>(1)</sup></li> </ul> |

1. Not recommended for new design

## Revision history

**Table 2. Document revision history**

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 05-Nov-2010 | 1        | Initial release. |

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