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### AC7MDT10-D32/S28

**SDIP32** application connection

### SDIP32/SO28 Connection Kit for ST7MDT10-EMU3

DATA BRIEF

1. Solder socket on to the

application board.

The SDIP32/SO28 Connection Kit (AC7MDT10-D32/S28) provides the hardware you need to connect your ST7MDT10-EMU3 emulator to your application when debugging applications for ST7 microcontrollers in SDIP32 and SO28 packages.

#### **Connection Kit Contents**

- SDIP32 adapter (DB510) Allows the connection of your ST7MDT10-EMU3 emulator to your application board in place of your ST7.
- SDIP32-SO28 device adapter (DB359) Adapts the SDIP32 adapter to SO28 footprint of the ST7 on your application board.

#### For more information...

- ST7-EMU3 User Manual Information common to all EMU3 series emulators
- ST7MDT10-EMU3 Probe User Guide Information specific to ST7MDT10-EMU3

2. Plug the SDIP32 adapter into the W2 connector on the target emulation board of your ST7MDT10-EM3.

3. Align pin 1 indicators, then insert the pins of the SDIP32 adapter into the socket on the application board.

Application board

Figure 1. SDIP32 adapter

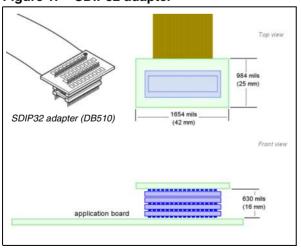
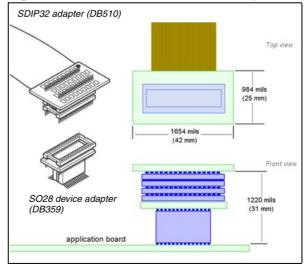


Figure 3. SDIP32 to SO28 device adapter



Rev 1

1/3

1. Solder the connection pins to your application board in place of your MCU. When soldering, insert the connection pins into the device adapter, which serves as a support to ensure correct alignment.

2. Plug the SDIP32 adapter into the W2 connector on the target emulation board of your ST7MDT10-EM3.

Pin 1 Indicators

3. Align pin 1 indicators, then insert the pins of the SDIP32 adapter into the SDIP32-SO28 device adapter.

Application board

Figure 4. SO28 application board connection

## **Revision history**

|   | Date             | Revision | Changes          |
|---|------------------|----------|------------------|
| - | 14-November-2005 | 1        | Initial release. |

57

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