

AC7MDT10-D32/S28

SDIP32 application connection

SDIP32/SO28 Connection Kit for ST7MDT10-EMU3

Figure 2.

DATA BRIEF

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

1. Solder socket on to the application board.

Figure 1. SDIP32 adapter

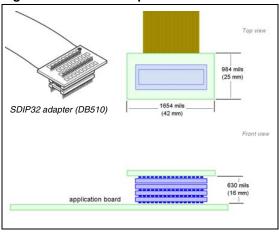
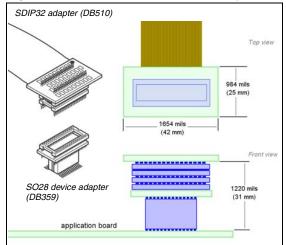


Figure 3. SDIP32 to SO28 device adapter



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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.

Then solder.

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

Figure 4. SO28 application board connection

Revision history

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

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