

## DIP20/SO20 Connection Kit for ST7MDT10-DVP3

DATA BRIEF

The **DIP20/SO20 Connection Kit** (ST7 MDT10-20/DVP) provides the hardware you need to connect your ST7MDT10-DVP3 emulator to your application when debugging applications for ST7 microcontrollers in DIP20 and SO20 packages.

### Connection Kit Contents

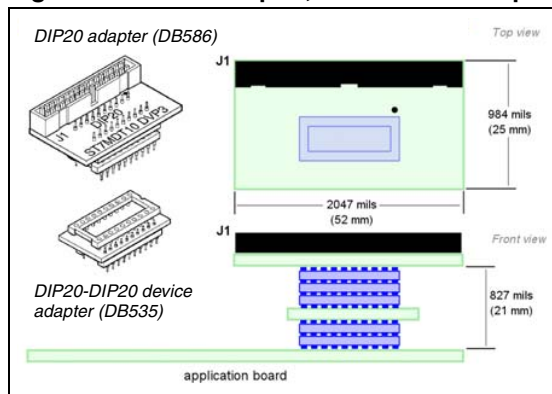
- **DIP20 adapter (DB586)** – Allows the connection of your ST7MDT10-DVP3 emulator to your application board in place of your ST7.
- **DIP20-DIP20 device adapter (DB535)** – Adapts the pin out of the DIP20 adapter to the DIP20 footprint of the ST7 on your application board.
- **DIP20-SO20 device adapter (DB093)** – Adapts the DIP20 adapter to SO20 footprint of the ST7 on your application board.

The *34-pin flat cable* for connection between the emulator and adapter is provided with your ST7MDT10-DVP3 emulator.

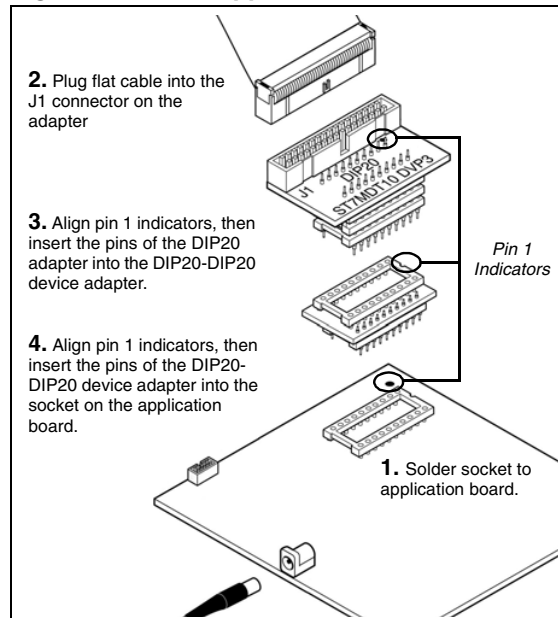
### For more information...

- **ST7-DVP3 User Manual** – Information common to all DVP3 series emulators
- **ST7MDT10-DVP3 Probe User Guide** – Information specific to ST7MDT10-DVP3

**Figure 1. DIP20 adapter, DIP20 device adapter**

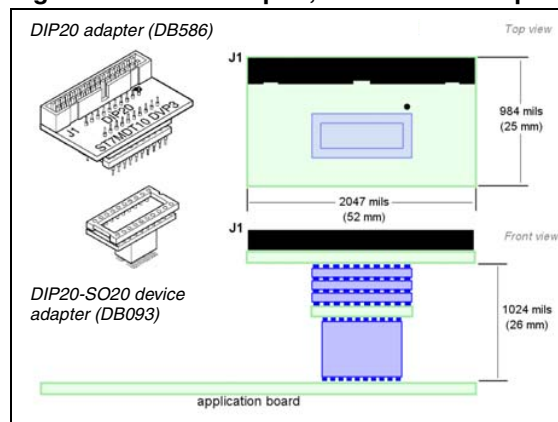


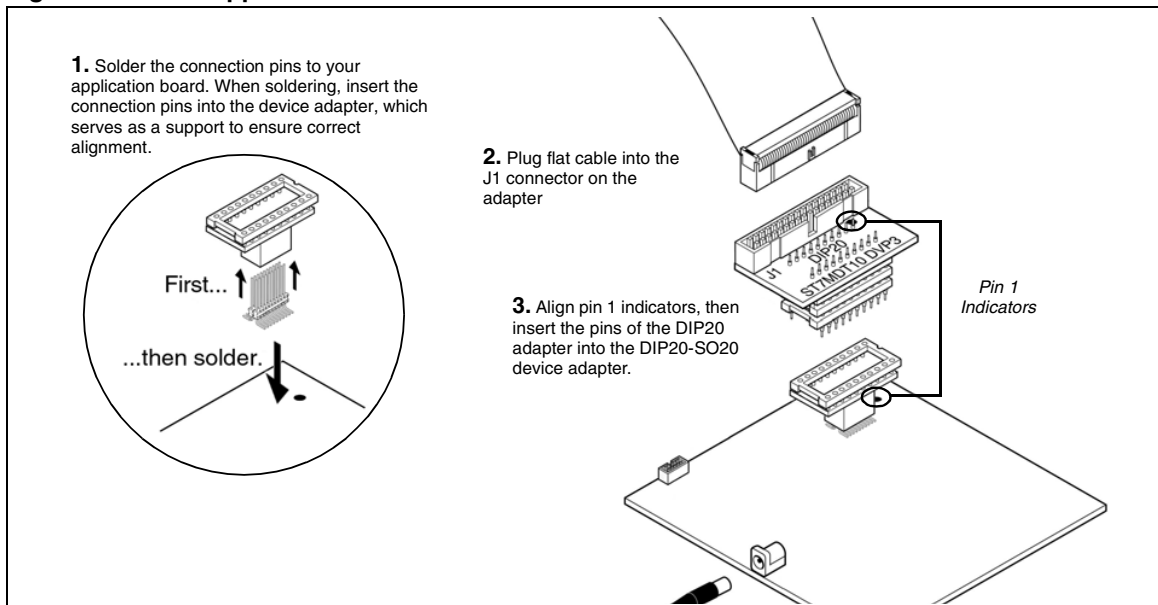
**Figure 2. DIP20 application board connection**



The pinouts of certain microcontrollers are askew by 90° from the pinout of the DIP20 adapter. The connection to an application requires the use of the DIP20-DIP20 for the following supported devices:

**Figure 3. DIP20 adapter, SO20 device adapter**



**Figure 4. SO20 application board connection**

## Revision history

Date	Revision	Changes
12-October-2005	1	Initial release.

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