

## In-circuit debugging adapter for ST7FLITEUx applications

Data brief

### Features

- AD-ICD adapter with a 10-pin ICC connector and an ST7FLiteUx microcontroller in a DIP16 package
- Device adapter for target device in a DIP8 package
- On-application connector (8-pin header) for target device in an SO8 package

### Description

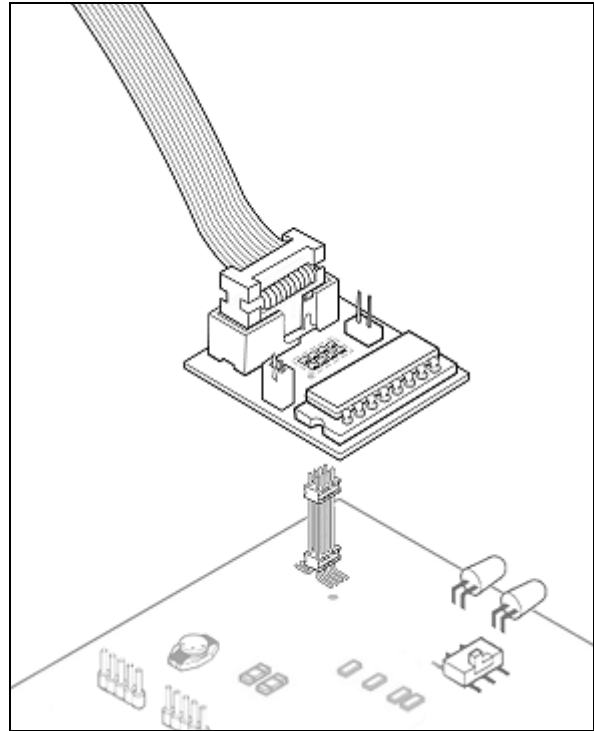
The AD-ICD in-circuit debugging adapter simply connects to your application board in place of the target microcontroller.

The AD-ICD can debug an application running on an ST7FLITEUx microcontroller via a 10-pin ICC connector to an ICD tool that uses the in-circuit communication (ICC) protocol for ST7.

Once the AD-ICD's microcontroller has been programmed, it can run the application in place of the target microcontroller in standalone mode, without being connected to an in-circuit debugging tool or the host PC.

Debugging uses a minimum of 4 pins on the target ST7 microcontroller. To allow you to take full advantage of the available pins on the target device, the AD-ICD adapter uses a variant of the target microcontroller with additional pins for ICD.

For in-circuit debugging of devices in DFN8 packages, users must order a DFN8 device adapter (ST7MDT10-8/DVP).



**Table 1. Device summary**

Part number	Reference
AD-ICD	In-circuit debugging adapter for ST7FLITEUx applications. (Order code AD-ICD/ DS8Z-01)

## Revision history

**Table 2. Document revision history**

Date	Revision	Changes
28-Oct-2010	1	Initial release.

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