

## T89C51CC01/02 CAN MCU Demo-kit

The T89C51CC01/02 demo-kit is a standalone application board to easily evaluate the T89C51CC01 and T89C51CC02 devices.

Along with the Atmel FLIP software, the board helps to evaluate the Flash and EEPROM In-system Programming functionality of the device. Designers can use the T89C51CC01/02 UART connected to a PC serial port, or the CAN bus interface connected either to a CAN board plugged into a PC or a parallel port dongle able to recreate a CAN line. Verify the correct boot-loader is used

It is also possible to link this kit to an existing CAN High Speed network to initiate or receive CAN messages.

### The kit hardware consists of two parts:

- A main board or C51 Generic Demoboard
- A second board called CAN Extension Board

### The kit comes with:

- A user's manual
- A CANary™ CDROM, containing a full set of documentation and associated software.

### C51 Generic Demoboard features

- LCD display (2 lines of 16 characters)
- Eight LED bargraph
- Socket for 128kB Flash memory (2x64kB memory page)
- Three different sockets: PLCC44, PLCC68 and DIL24 (for standard C51)
- In-system Programming (ISP) capability to download HEX files into the 128kB flash

- Hardware switch to activate the C51 Flash boot loader after reset
- RS232 connector
- Extension connectors
- On-board regulator (9 V external supply)

### CAN Extension Board features

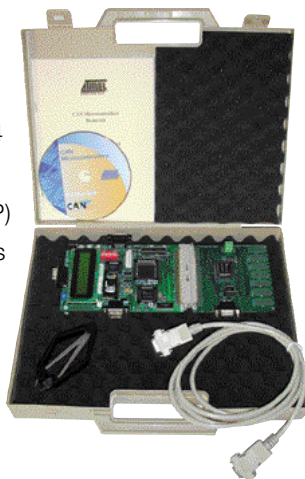
- On-board CAN transceiver in SO8 package. DIP8 socket also available for other types of CAN drivers
- D\_sub connectors conforms to CIA ("CAN In Automation") recommendation for CAN High Speed Bus
- ADC reference voltage inputs: VAGND and VAREF
- Capability to activate T89C51CC01 boot loader to perform ISP of Flash and/or EEPROM using either UART or CAN connectors

### CDROM content

- Datasheet
- Product flyer
- Application notes
- Frequently Asked Questions (FAQ)
- Software CAN drivers

Ordering Part Number: CAN-DEMOBOARD1

[www.atmel.com](http://www.atmel.com)



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