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
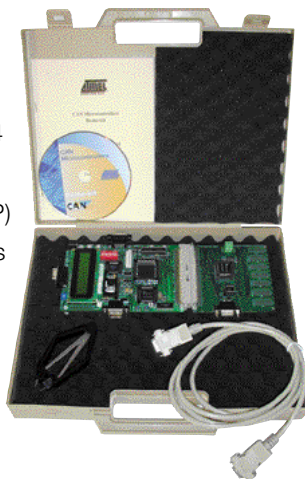● On-board regulator (9 V external supply)

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

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