

The 89S52 Project Board with ISP loader

coolmirza143, Fri May 06 2011, 09:34 am

Here is a simple way to make you own Development Board, this board uses ISP Loader easy to program.

This board is also having a thermistor sensor, you can see temperature value Display

Block diagram of the 89S52 Project Board

Board consist Tact Switch, Debug LED, Voltage Regulator (LM2940-5) you can use 7805 too for this job, on board 12 bit ADC and Header for LCD. Tiny bard that can be made in very short time.

The ISP loader cable can be built easily using DB25 connector and 6-pin SIP socket. The wire length should be less than 50 cm. The hardware is compatible with [Asim's ISP](#) software.

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| Attachment | » | 89s52_project_board_schematic.pdf |
| Attachment | » | isp_software.zip |

[\[Source\]](#)

[Submitted by coolmirza143]