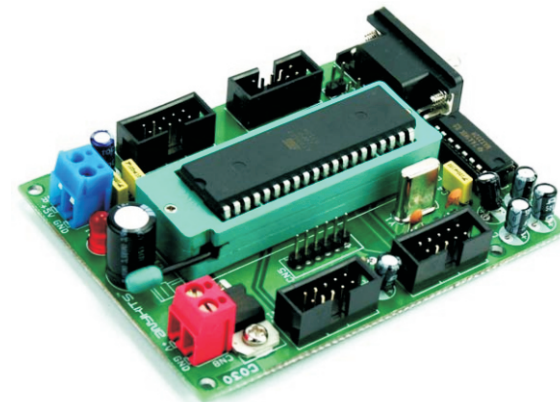
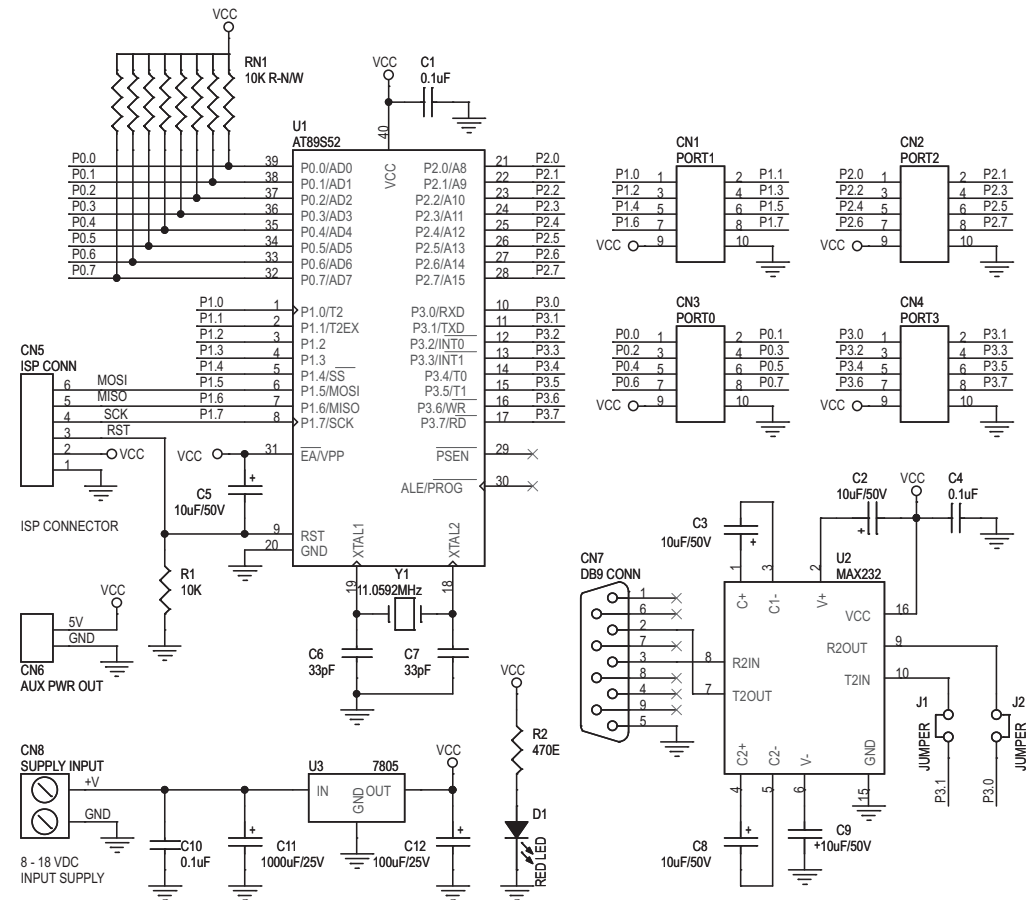


AT89SXX DEVELOPMENT BOARD

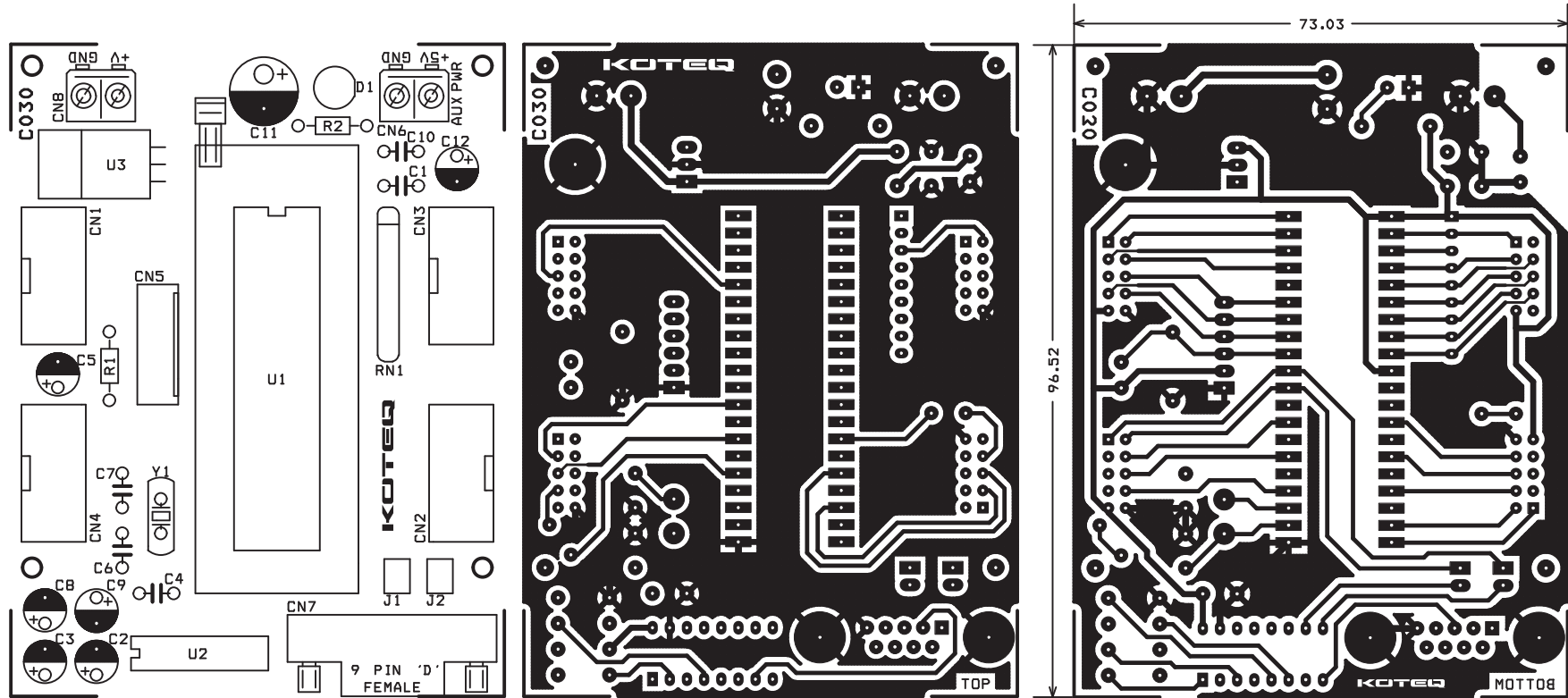
Our AT89Sxx Development Board provides a very simple and cost effective platform for prototyping solution. The compact design provides connection to all the pins of the microcontroller for the user.

- Prototyping solution available for 40-pin AT89xx series microcontroller from ATMEL
- All the four ports available to the user via standard 10 pin box header with supply of 5 VDC for interfacing circuits
- ISP (In circuit Serial Programming) connector available for chips with ISP support
- 11.0592 MHz crystal on board
- Pull-up resistor network for Port 0 of the microcontroller
- UART level shifter circuit using MAX232 IC, on board for easy connection of the board to the RS232 devices
- Jumper selectable connection available for connecting the UART level Shifter to the port pins
- On board voltage regulator available for sourcing regulated 5V @ upto 1A voltage to the board and connecting circuit
- Power-On LED indicator
- AUX Power source of 5 VDC available on a PBT connector for sourcing DC supply to interfacing circuits
- Four mounting holes of 3.2 mm each
- PCB dimensions 74 mm x 97 mm

SR.	QTY.	REF.	DESCRIPTION
1	4	CN1,CN2,CN3,CN4	10 PIN BOX HEADER CONNECTOR
2	1	CN5	6 PIN BERG CONNECTOR
3	1	CN6	2 PIN PBT CONNECTOR
4	1	CN7	9 PIN D CONNECTOR - FEMALE
5	1	CN8	2 PIN PBT CONNECTOR
6	3	C1,C4,C10	0.1uF
7	5	C2,C3,C5,C8,C9	10uF/50V OR 63V
8	2	C6,C7	33pF
9	1	C11	1000uF/25V
10	1	C12	100uF/25V
11	1	D1	RED LED
12	2	J1,J2	2 PIN JUMPER WITH CLOSER
13	1	RN1	9 PIN 10K R-N/W
14	1	R1	10K
15	1	R2	470E
16	1	U1	AT89S52
17	1	U2	MAX232
18	1	U3	7805
19	1	Y1	11.0592MHz CRYSTAL
20	1	SOCKET	40 PIN ZIF SOCKET
21	1	SOCKET	16 PIN DIP IC SOCKET
22	1	SCREW	SC02905
23	1	NUT	NT02900



AT89SXX DEVELOPMENT BOARD



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