



AT89ISPRG Dev. Board

Component List

ICs	
U1	CH340
U1	74125
U1	AT89S52

Modules	
JP1	USB Breakout

Resistors	
R1	1K
R2	100
RN1	SIP 10K
RN2	SIP 10K
RN3	SIP 220

Capacitors	
C1	33pF
C2	33pF
C3	10nF
C4	100nF
C5	33pF
C6	33pF

Crystals	
XTAL1	12MHz
XTAL2	22.1184MHz

Switches	
SW1	Push
SW2	DIP8

LEDS	
D1	LED
D2	LED
D3	LED BAR

Others	
3 Breadboards	
Color Breadboard Wires	
USB Cable	