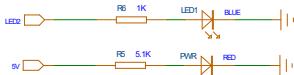


6

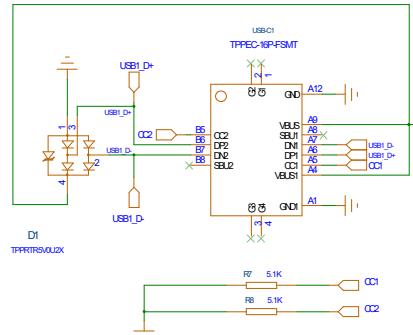
5

4

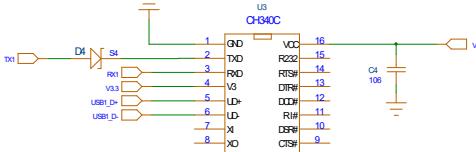
Power Indicator Light



TYPE-C Circuit

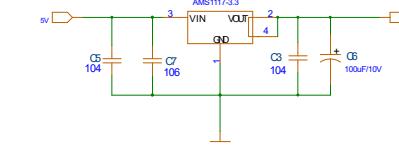


U-to-Serial Port / Programming Circuit

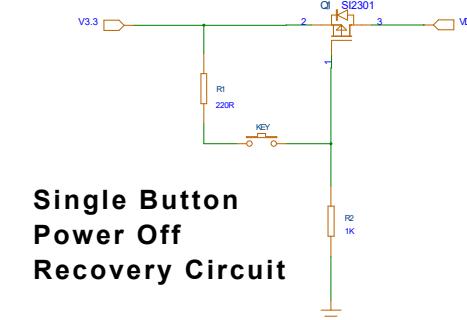


			A8051U
1 S9P D9P A9P H9P	P5.3/0SP1Q3_2	P5.2/RXD4_2	48
2	P1.5/CLK2/MOSI/ADC5	P1/AD4/ADC1A_2	47
3	P1.6/CLK3/RxD3/DIO6	P1/ADC3/DIO5	46
4	P1.7/SDP1/TxD3/ADC7	P2.0/CLOCK2/DIO2	45
5	P4.7/INRST	P1/ADC1	44
TxD	P3.0/ID-/RXD1/INT4	P1/ADC0	42
RxD	P3.1/ID+/TXD1/_INT4	P4.2/MIS/OSC1/VCC	41
RxD	P3.2/CLK3/4/INT7	P0.0/ADC0/SDA/DIOR3	40
P3.3	P3.3/MISO4/INT1	P0.1/ADC0/DI/TxD3	39
P3.4	P3.4/MOSI4	P0.2/ADC10/DI2/RxD4	38
LEDS	P3.5	P0.3/ADC11/DI3/TxD3	37
GND			
E1_E2N	P5.0/RXD2_3/INT2	P0/ADC12/CIA2/3	36
	P5.1/TxD2_3/INT3	P0.3/ADC13/DIO4	35
	P5.6/XTAL0	P0/ADC14/CIA4/6	34
	P5.7/XTAL1	P0/TxD7/AD	33
	GND	P4.6	32
	P5.8/PINCS2	P4.1/MOSI4/INT4	31
USBIN	P2.0/A08	P4.5/TxD4/30P	30
	P2.1/A09	UDP	29
	P2.2/A10	P2.7/16MHzOSC2	27
	P2.3/A11/SDA	P2.8/A14/MOSI2	26
SDA	P2.4/A12/SC1L	P2.5/A13/MOSI2	25
RxD	P5.0/RXD3_2	P5.1/TxD3	25

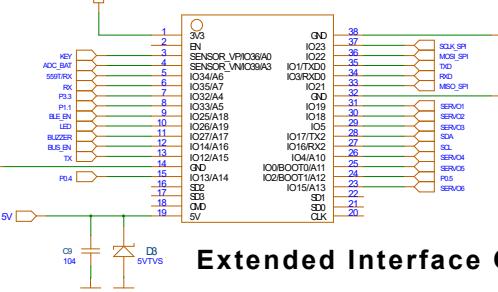
LDO-3. 3V Power Supply Circuit



Single Button Power Off Recovery Circuit



Extended Interface Circuit



COMPANY:		Huaner Technology Co. LTD		
TITLE:		AI8051U Core Board Schematic		
DRAWING NO.: AI8051U_Core_Module		REV.: V1.0		
SCALE: 1 OF 1	CODE: C		SIZE:	