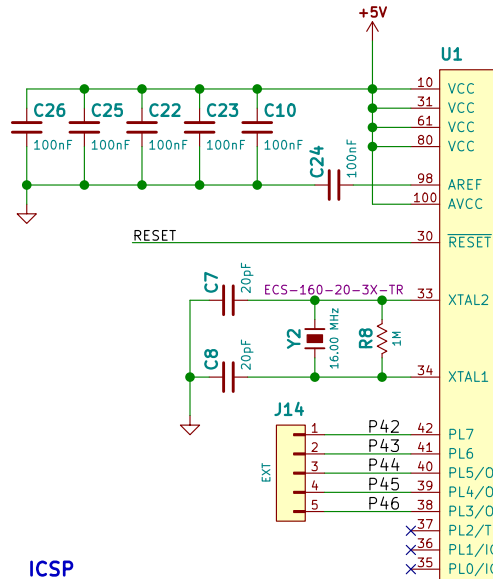
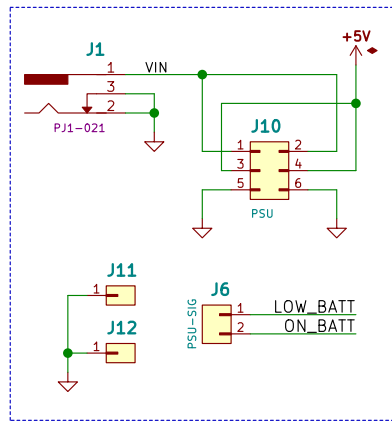
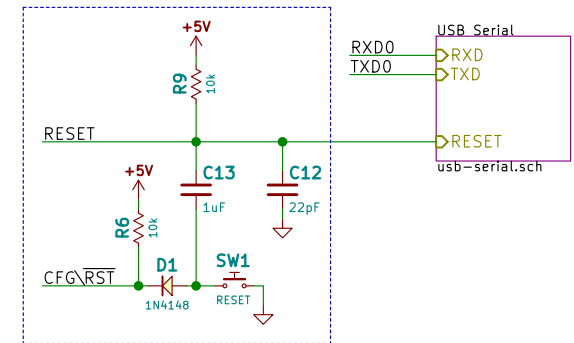


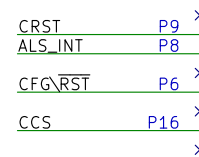
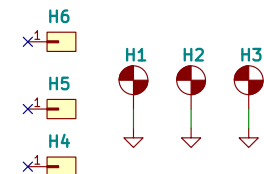
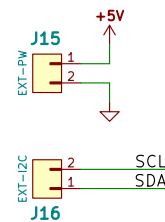
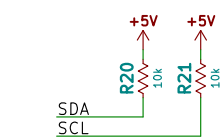
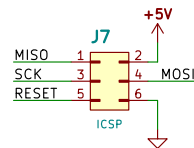
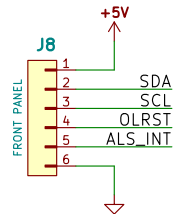
PSU



RESET / FACTORY CONFIG

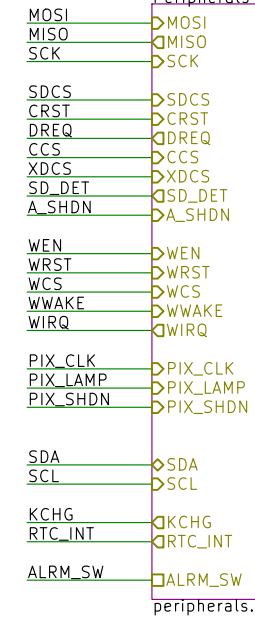


ICSP



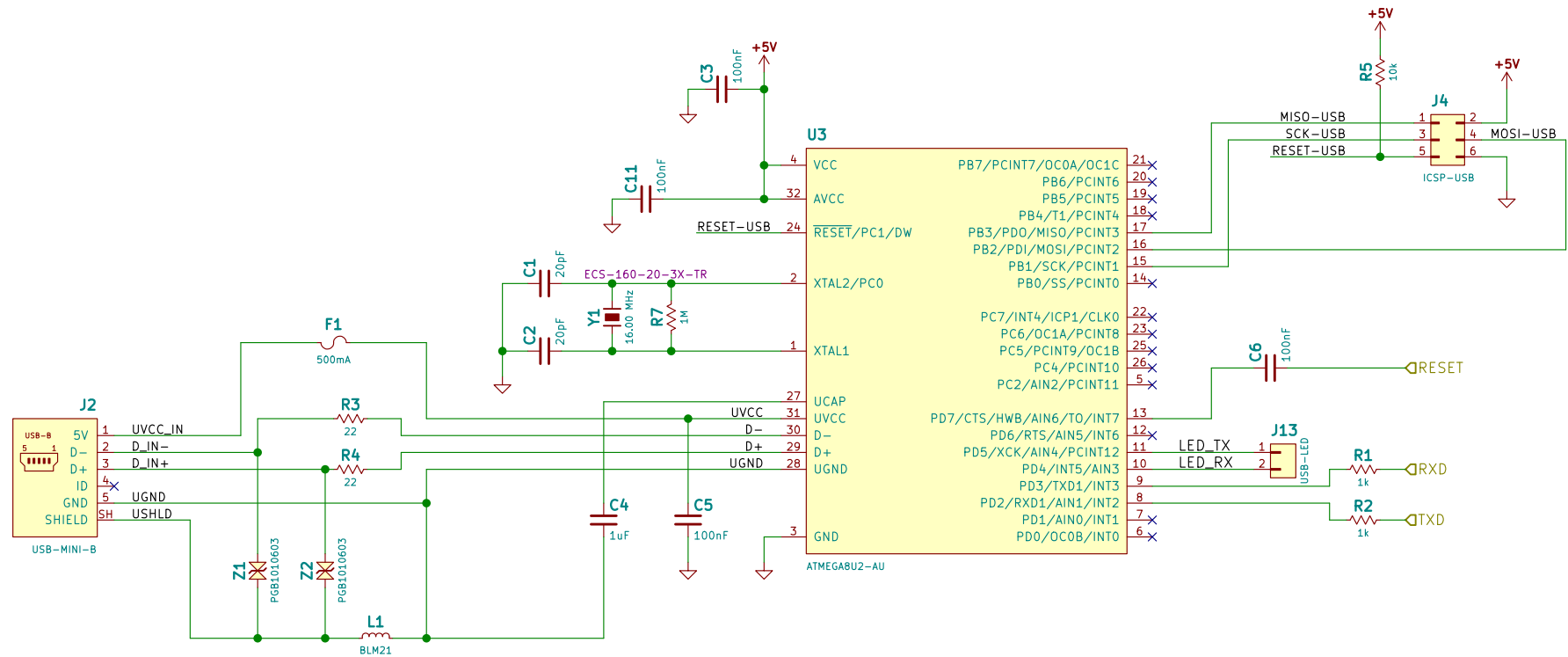
PA7/AD7	71	P29	XDCS
PA6/AD6	72	P28	A_SHDN
PA5/AD5	73	P27	LOW_BATT
PA4/AD4	74	P26	ON_BATT
PA3/AD3	75	P25	ALRM_SW
PA2/AD2	76		
PA1/AD1	77		
PA0/AD0	78		
PB7/OC0A/OC1C/PCINT7	26	P13	WCS
PB6/OC1B/PCINT6	25	P12	WEN
PB5/OC1A/PCINT5	24	P11	WRST
PB4/OC2A/PCINT4	23	P10	WWAKE
PB3/MISO/PCINT3	22	P50	MISO
PB2/MOSI/PCINT2	21	P51	MOSI
PB1/SCK/PCINT1	20	P52	SCK
PB0/SS/PCINT0	19		
PC7/A15	60	P30	PIX_SHDN
PC6/A14	59		
PC5/A13	58		
PC4/A12	57	P33	SD_DET
PC3/A11	56		
PC2/A10	55	P35	PIX_LAMP
PC1/A9	54		
PC0/A8	53	P37	PIX_CLK
PD7/T0	50		
PD6/T1	49		
PD5/XCK1	48		
PD4/ICP1	47		
PD3/TXD1/INT3	46	P18	KCHG
PD2/RXD1/INT2	45	P19	RTC_INT
PD1/SDA/INT1	44	P20	SDA
PD0/SCL/INT0	43	P21	SCL
PE7/CLK0/ICP3/INT7	9		
PE6/T3/INT6	8		
PE5/OC3C/INT5	7	P3	DREQ
PE4/OC3B/INT4	6	P2	WIRQ
PE3/OC3A/AIN1	5	P5	OLRST
PE2/XCK0/AIN0	4		
PE1/TXD0	3	P1	TXD0
PE0/RXD0/PCINT8	2	P0	RXD0
PF7/ADC7/TDI	90		
PF6/ADC6/TDO	91		
PF5/ADC5/TMS	92		
PF4/ADC4/TCK	93		
PF3/ADC3	94		
PF2/ADC2	95		
PF1/ADC1	96		
PF0/ADC0	97		
PG5/OC0B	1	P4	SDCS
PG4/TOSC1	29		
PG3/TOSC2	28		
PG2/ALE	70		
PG1/RD	52		
PG0/WR	51		

Peripherals



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PROJECT Alarm clock (V3)	SIZE A4
TITLE Motherboard	REV. A
PART # CLKV3-PC-05	DOCUMENT # CLKV3-SCH-05
SHEET 1 OF 3	



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PROJECT
Alarm clock (V3)



SIZE
A4

TITLE
Motherboard
USB Serial

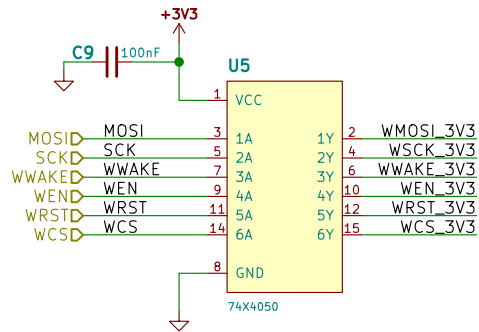
REV.
A

PART #
CLKV3-PC-05

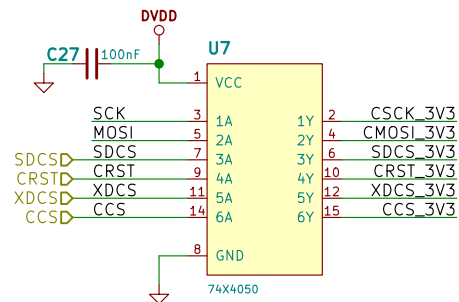
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SHEET
2 OF 3

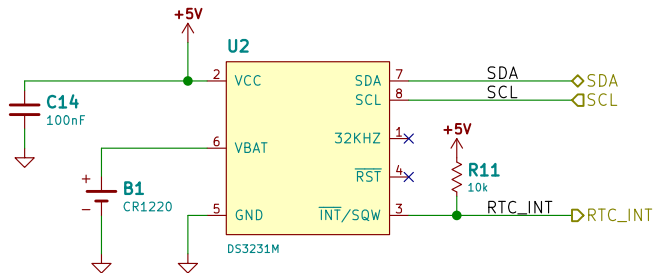
LEVEL SHIFTER (WIFI)



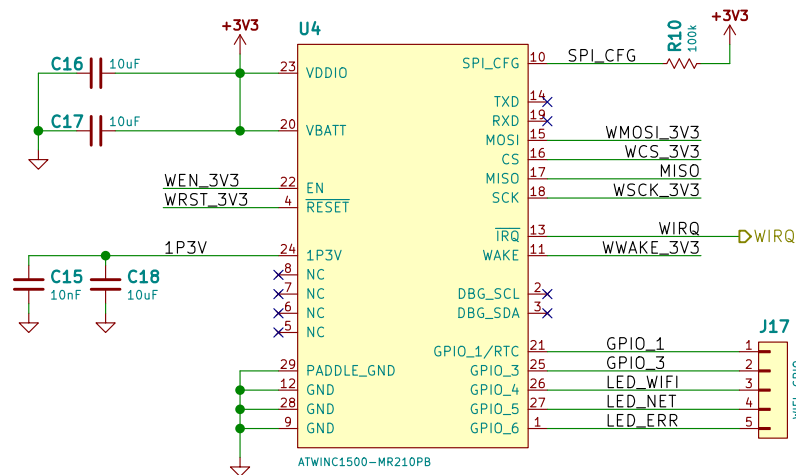
LEVEL SHIFTER (CODEC)



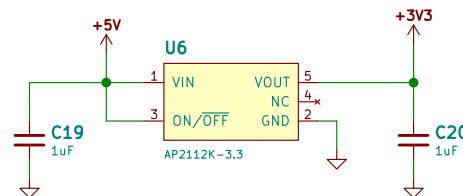
RTC



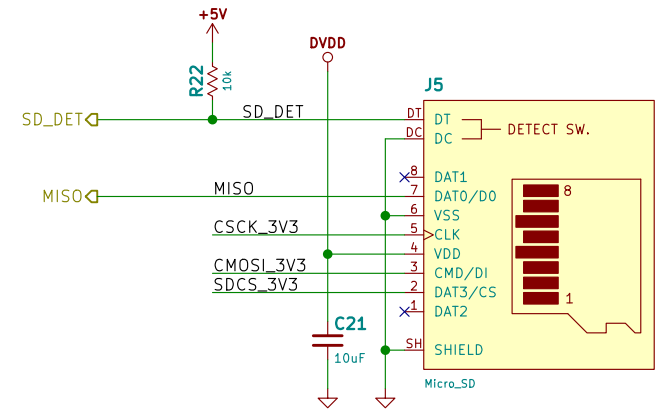
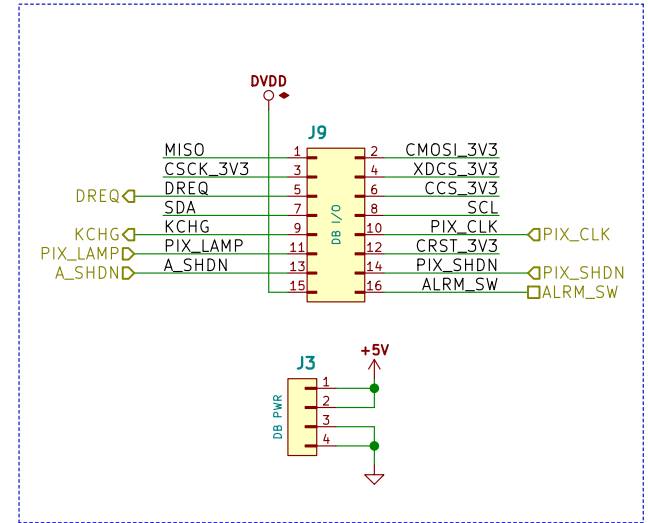
WIFI MODULE



WIFI Module 3.3V Regulator



DAUGHTER BOARD



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PROJECT Alarm clock (V3)		SIZE A4
TITLE Motherboard Peripherals		REV. A
PART # CLKV3-PC-05	DOCUMENT # CLKV3-SCH-05	SHEET 3 OF 3