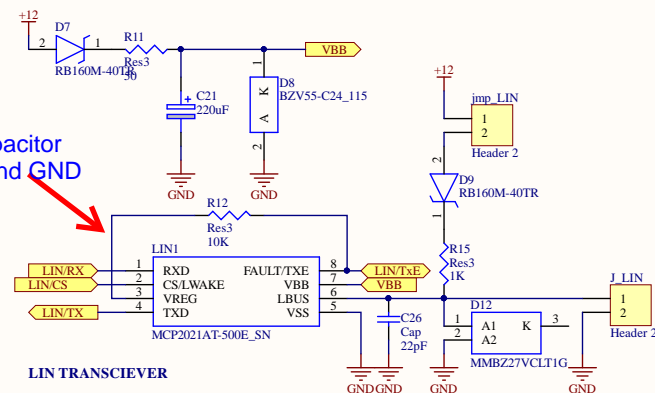
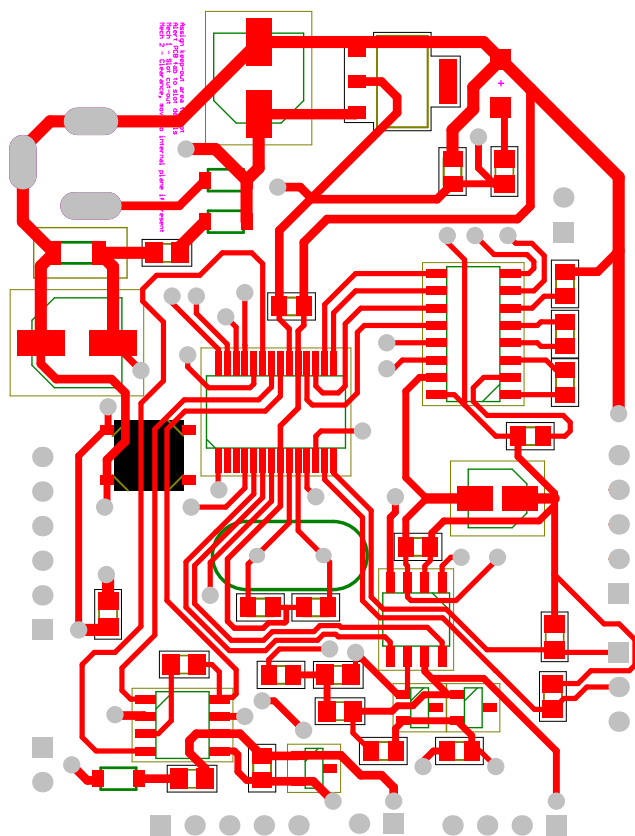
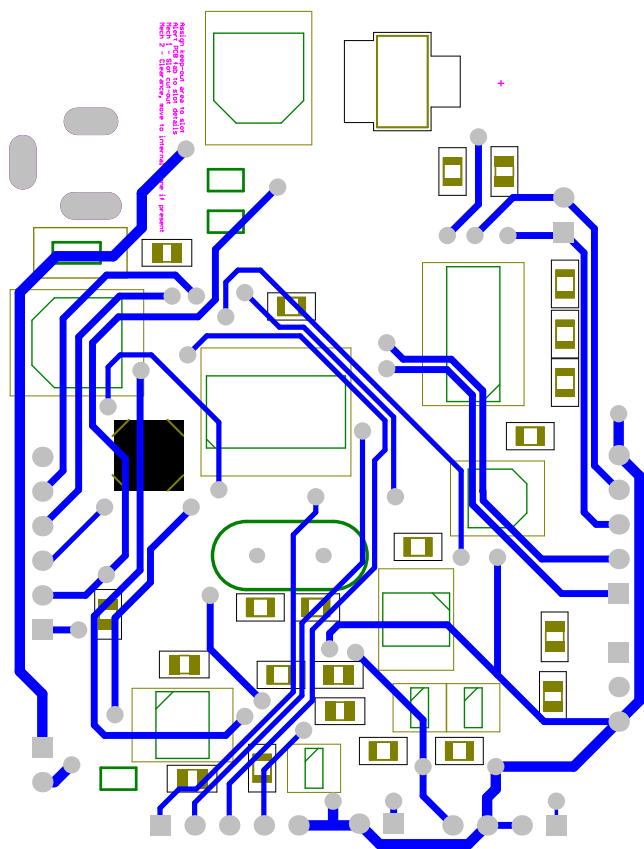


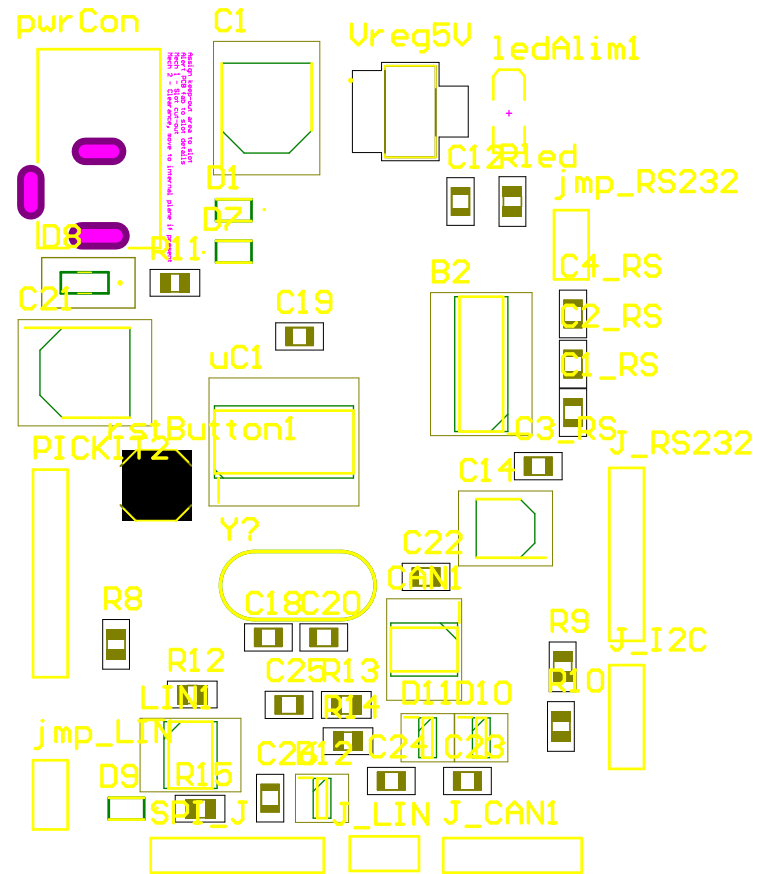
Need to add capacitor between Vreg and GND

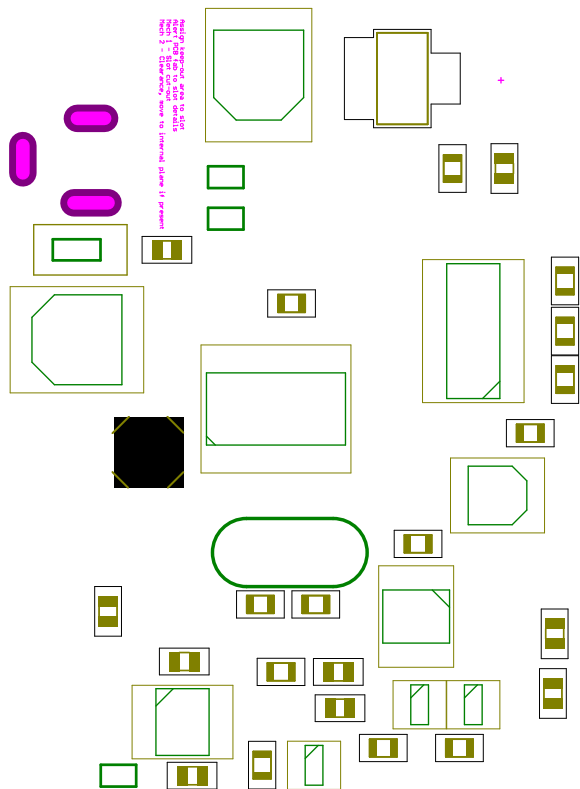


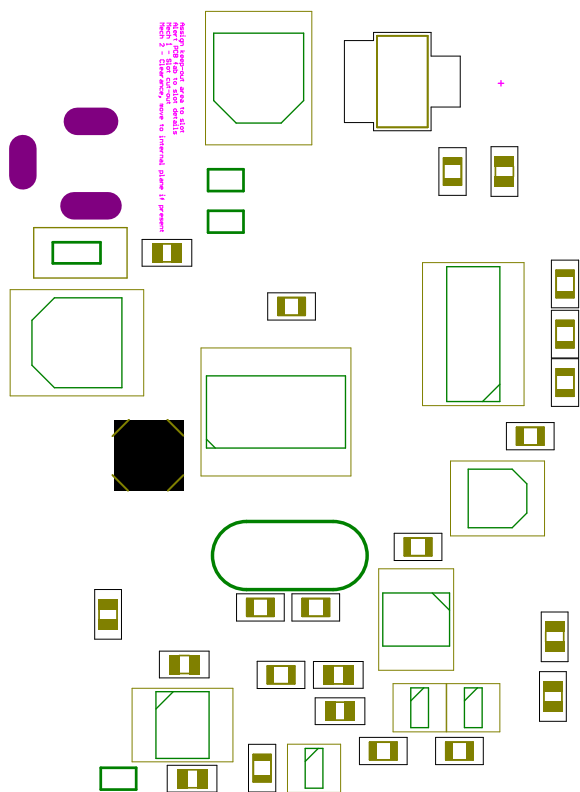
C23 and C24 MUST be removed on the next version of the PCB !
<https://github.com/IosubAlex23/ProtocolConvector/issues/2>

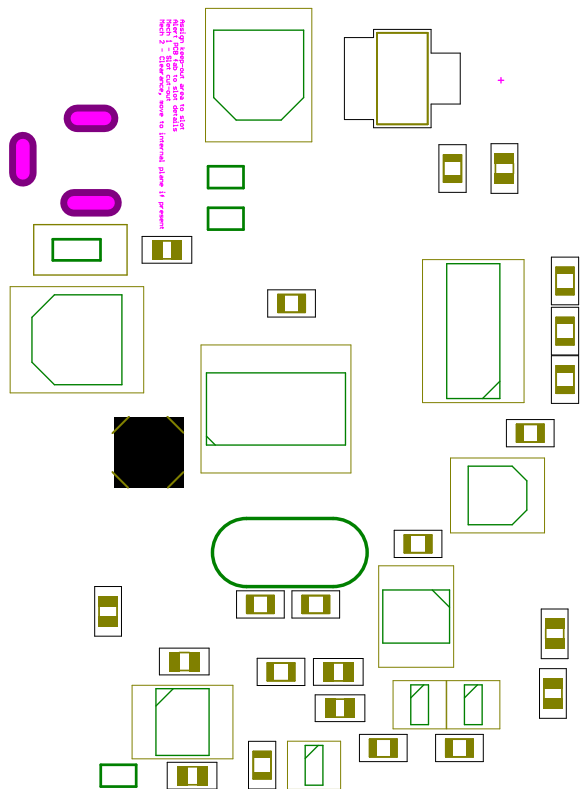


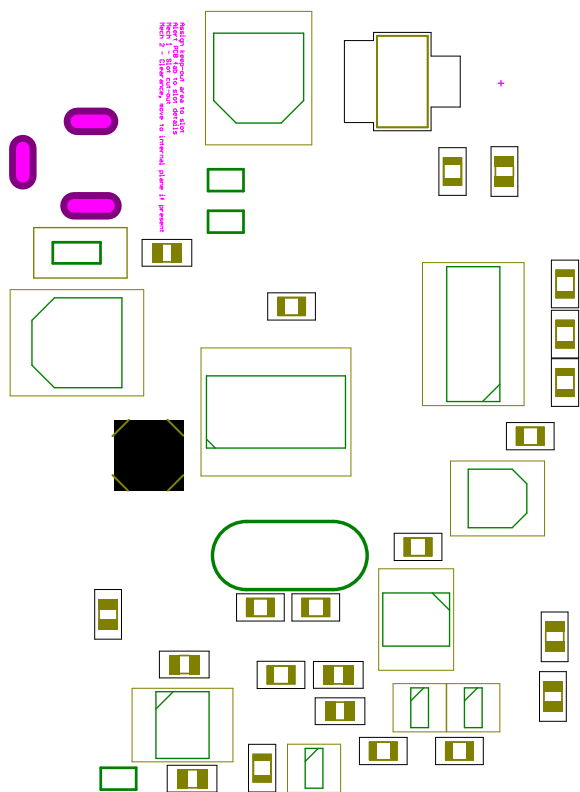


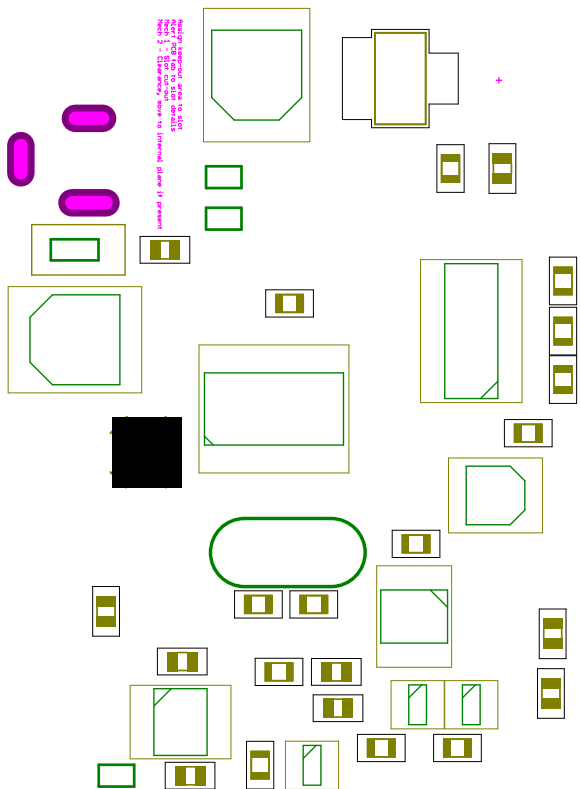


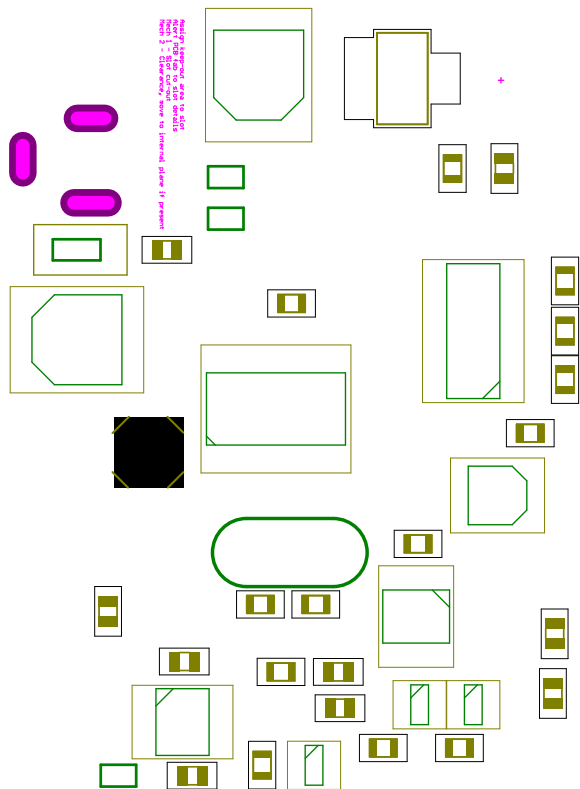


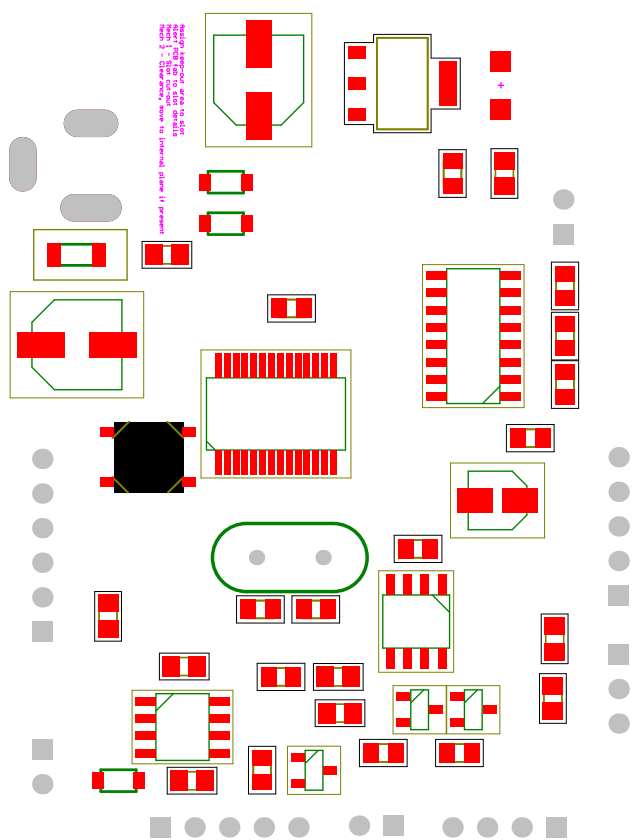


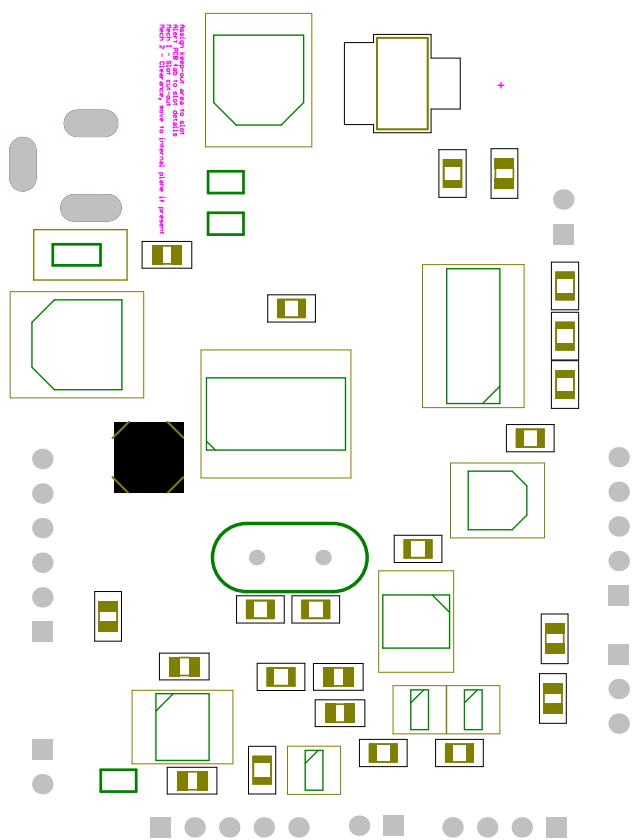


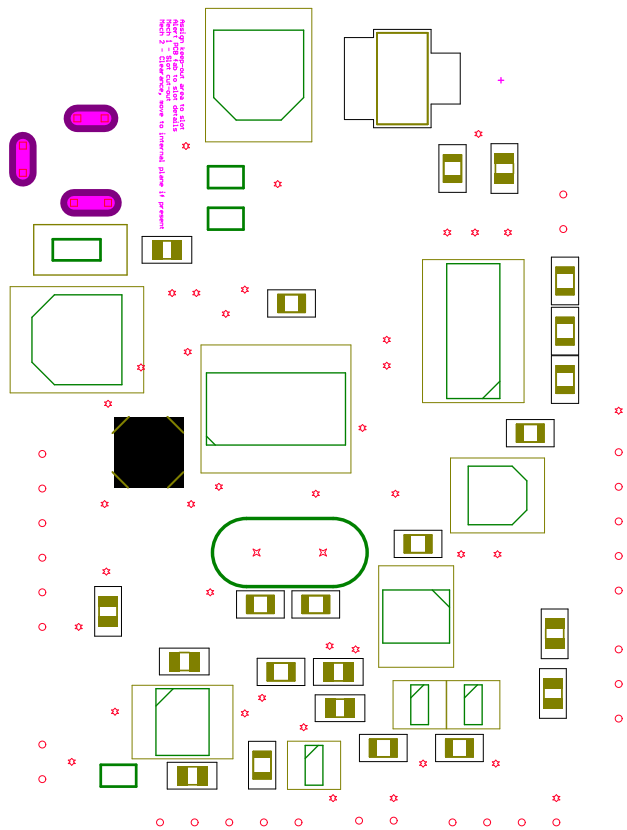


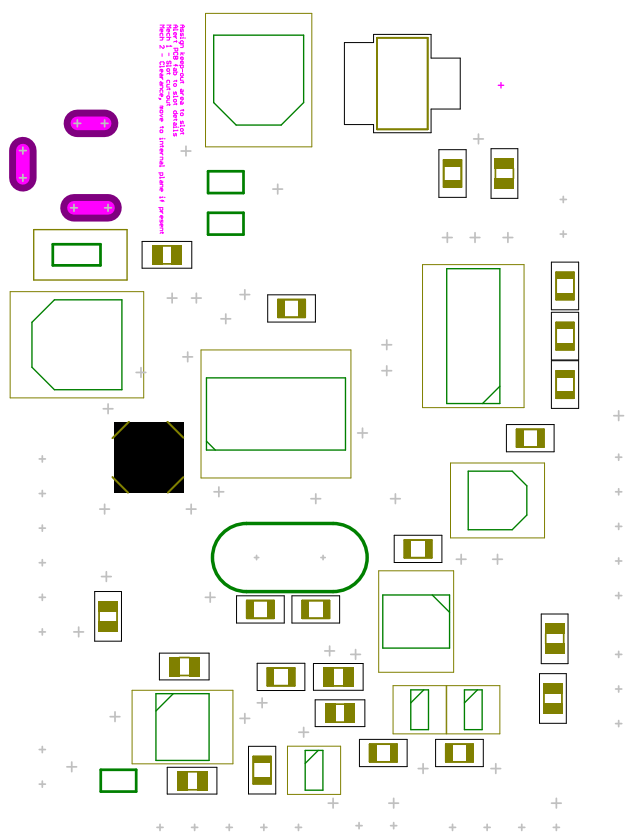












Comment	Description	Designator	Footprint	LibRef	Quantity
ST232CDR	ST232CDR, Line Transceiver, EIA/TIA-232, RS-232, V.28 2-TX 2-RX 2-TRX, 5V, 16-Pin SOP	B2	SOIC127P600X175-16N	ST232CDR	1
220uF	Nichicon 220uF 16 V Aluminium Electrolytic Capacitor SMD, WT Series 1000h 6.3 (Dia.) x 7.7mm	C1, C21	CAPAE660X820N	UWT1C221MCL1GS	2
Cap	Capacitor	C1_RS, C2_RS, C3_RS, C4_RS, C12, C18, C19, C20, C22, C23, C24, C25, C26	CAPC2012X140N	Cap	13
865090640004	Würth Elektronik 470nF 50 V dc Aluminium Electrolytic Capacitor, WCAP-ASLU Series 1000h 5.5 (Dia.) x 3.85mm	C14	CAPAE430X550N	865090640004	1
ATA6560-GAQW	High-speed CAN Transceiver with Standby Mode	CAN1	SOIC127P600X180-8N	ATA6560-GAQW	1
RB160M-40TR	ROHM - RB160M-40TR - DIODE, SCHOTTKY	D1, D7, D9	PMDU	RB160M-40TR	3
BZV55-C24_115	NXP BZV55-C24,115 Zener Diode, 24V 5% 0.5 W SMT 2-Pin MiniMELF	D8	BZV55C11115	BZV55-C24_115	1
MMBZ27VCLT1G	ON SEMICONDUCTOR - MMBZ27VCLT1G - DIODE, ZENER, 27V, 0.225W	D10, D11, D12	SOT96P237X111-3N	MMBZ27VCLT1G	3
Header 2	Header, 2-Pin	jmp_LIN, jmp_RS232, J_LIN	HDR1X2	Header 2	3
Header 4	Header, 4-Pin	J_CAN1	HDR1X4	Header 4	1
Header 3	Header, 3-Pin	J_I2C	HDR1X3	Header 3	1
Header 5	Header, 5-Pin	J_RS232, SPL_J	HDR1X5	Header 5	2
LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	ledAlim1	3.2X1.6X1.1	LED2	1
MCP2021AT-500E_SN	LIN Transceivers LIN Transceiver + 5.0V LDO	LIN1	SOIC127P600X175-8N	MCP2021AT-500E_SN	1
Header 6	Header, 6-Pin	PICKIT2	HDR1X6	Header 6	1
PWR2.5	Low Voltage Power Supply Connector	pwrCon	KLD-0202	PWR2.5	1
Res3	Resistor	R8, R9, R10, R11, R12, R13, R14, R15, Rled	RESC2012X60	Res3	9
SMD-BUTTON(4P-5.2X5.2X1.5MM-SKOGAKE010)	Switch Tactile N.O. SPST Button Gull Wing 0.05A 12VDC 3.43N SMD T/R	rstButton1	SW4-SMD-5.2X5.2X1.5MM	SMD-BUTTON(4P-5.2X5.2X1.5MM-SKOGAKE010)	1
PIC18F26K83-I_SS	MICROCHIP - PIC18F26K83-I/SS - MCU, 8BIT, PIC18, 64MHZ, SSOP-28	uC1	SOP65P780X200-28N	PIC18F26K83-I_SS	1
AMS1117-5.0	Sot223/Pkg 1-Amp 5-Volt Low Drop Out Voltage Regulatator	Vreg5V	SOT229P700X180-4N	AMS1117-5.0	1
XTAL	Crystal Oscillator	Y?	HC-49-S_1	XTAL	1