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Component Count: 148

Ref	Qnty	Value	Cmp name	Description
C105, C104, C103, C108, C102, C109,	6	0.1uF	C	Unpolarized capacitor
C106, C101,	2	10uF	CP1	Polarized capacitor, US symbol
C107, C110, C114, C111, C112,	5	47pF	C	Unpolarized capacitor
C113,	1	47pf	C	Unpolarized capacitor
C602,	1	10uF	C	Unpolarized capacitor
D101,	1	LTL-14CHJ	LED	Light emitting diode
D102, D202, D204, D201, D203, D205, D601,	7	LED	LED	Light emitting diode
D304, D302, D306, D308, D309, D310, D301, D303, D305, D307,	10	1N914	1N914	100V 0.3A Small Signal Fast Switching Diode, DO-35
H401, H402, H403, H404,	4	MountingHole	MountingHole	Mounting Hole without connection
J101,	1	USB_B	USB_B	USB Type B connector
J102,	1	PICKit	Conn_01x06	Generic connector, single row, 01x06, script generated (kicad-library-utils/schlib/autogen/connector/)
J201, J202, J301, J302, J401, J402, J403, J404,	8	TE282837-4	Screw_Terminal_01x04	Generic screw terminal, single row, 01x04, script generated (kicad-library-utils/schlib/autogen/connector/)
JP101,	1	VIn	Jumper_3_Open	Jumper, 3-pole, both open
JP302, JP304, JP305, JP301, JP303,	5	Pull up/down	Jumper_3_Open	Jumper, 3-pole, both open
JP401, JP407, JP406, JP409, JP410, JP408, JP411, JP402, JP403, JP404, JP405, JP601, JP602,	13	Jumper	Jumper	Jumper, normally closed
JP501, JP502, JP503,	3	Jumper_3_Open	Jumper_3_Open	Jumper, 3-pole, both open
Q201, Q202, Q204, Q203, Q205,	5	2N7000	2N7000	0.2A Id, 200V Vds, N-Channel MOSFET, 2.6V Logic Level, TO-92
Q302, Q301, Q303, Q304, Q305,	5	2N3904	2N3904	0.2A Ic, 40V Vce, Small Signal NPN Transistor, TO-92
R101, R201, R202, R207, R208, R209, R210, R203, R204, R205, R206, R302, R301, R307, R308, R313, R601, R603, R604, R605, R606,	21	10K	R	Resistor
R102, R104, R103, R212, R214, R215, R211, R213, R602,	9		470 R	Resistor
R304, R303, R309, R310, R314,	5	1K	R	Resistor
R306, R311, R318, R316, R320, R319, R312, R305, R317, R315,	10	22K	R	Resistor
R401,	1	3.3K	R	Resistor
R402,	1		910 R	Resistor
RS501, RG501, RS503, RG503, RS505, RG505, RS504, RG504, RS506, RG506, RS507, RG507, RS502, RG502,	14	R	R	Resistor
S101,	1	800SP9B6M6RE	800SP9B6M6RE	Switch
U101,	1	L78L33_TO92	L78L33_TO92	Positive 100mA 30V Linear Regulator, Fixed Output 3.3V, TO-92
U102,	1	PIC18F45K50_DIP	PIC18F45K50_DIP	32K Flash, 2K RAM, 256B EEPROM, Microchip PIC18F series enhanced flash microcontroller with USB in TQFP-44 package
U103,	1	MCP1700-3302E/TO	MCP1700-1202E_TO92	250mA Low Quiscent Current LDO, 1.2V output, TO-92
U402, U401, U403,	3	LM2902	LM2902	Low-Power, Quad-Operational Amplifiers, DIP-14/SOIC-14/SSOP-14
U601,	1	WizFi360	WizFi360	