Designator	Quantity	Comment	Description	Footprint	LibRef
C1, C4	2	6.8uF	VJ0805Y104KNAAT	CAPC2013X145X48NL20T23	CMP-2007-03167-1
C2	1	10nF	VJ0805Y104KNAAT	CAPC2013X145X48NL20T23	CMP-2007-03167-1
C3	1	4.7uF	VJ0805Y104KNAAT	CAPC2013X145X48NL20T23	CMP-2007-03167-1
C5	1	10uF	VJ0805Y104KNAAT	CAPC2013X145X48NL20T23	CMP-2007-03167-1
C6, C9, C10, C11	4	100nF	VJ0805Y104KNAAT	CAPC2013X145X48NL20T23	CMP-2007-03167-1
C7, C8	2	22pF/15V	VJ0805Y104KNAAT	CAPC2013X145X48NL20T23	CMP-2007-03167-1
D1	1	BAS40	Silicon Schottky Diode, -55 to 150 degC, SOT23, Reel, Green	INF-SOT23_N	CMP-1182-00023-1
D2, D3	2	GREN 1.9V	WL-TMRC THT Mono-color Round Color, size 3mm, Bright Green, 2.1V, 40deg	LED_0805	151031VS04000_G
FB1, FB2	2	600Ohm, 2A	WE-CBF SMT EMI Suppression Ferrite Bead, size 1206, 600Ohm, 2A	WE-CBF_1206_High Speed	74279218
J1	1	micro-USB	WR-COM_USB_Micro Type B_Horizontal_SMT	629105150521	WR-Communication Connectors 629105150521
R1, R6	2	10k	10K 0.125W 1% 0805 (2012 Metric) SMD	RESC2013X70X40ML20T20	CMP-1013-00623-1
R2	1	20k	10K 0.125W 1% 0805 (2012 Metric) SMD	RESC2013X70X40ML20T20	CMP-1013-00623-1
R3, R4	2	24R	10K 0.125W 1% 0805 (2012 Metric) SMD	RESC2013X70X40ML20T20	CMP-1013-00623-1
R5, R8	2	1k	10K 0.125W 1% 0805 (2012 Metric) SMD	RESC2013X70X40ML20T20	CMP-1013-00623-1
R7	1	100R	10K 0.125W 1% 0805 (2012 Metric) SMD	RESC2013X70X40ML20T20	CMP-1013-00623-1
R9, R10	2	680R	10K 0.125W 1% 0805 (2012 Metric) SMD	RESC2013X70X40ML20T20	CMP-1013-00623-1
S1	1	RND 210-00204		PushButton	PushBtn
U1	1	MAX1793EUE33+	No Description Available	TSOP65P640X110_HS-17N	MAX1793EUE33+
U2	1	CY7C64225-28PVXCT	USB-to-UART Bridge Controller, 3 to 5.25 V, 0 to 70 degC, 28-Pin SSOP (PVX28), Tape and Reel	CYP-PVX28_N	CY7C64225-28PVXCT
U3	1	PIC32MX130F064B I/SS	32-bit Microcontroller with Audio and Graphics Interface, USB and Advanced Analog, 40 MHz, 21 I/O, PMP, -40 to 85 degC, 28-pin SSOP (SS28), Tube	MCHP-SSOP-SS28_N	PIC32MX130F064B I/SS
X1, X2	2	Jumper		61300211121	Jumper
X3	1	61301021121	WR-PHD Pin Header, THT, pitch 2.54mm, Dual Row, Vertical, 10p	61301021121	61301021121
X4	1	JTAG 61300611121	WR-PHD Pin Header, THT, pitch 2.54mm, Single Row, Vertical, 6p	61300611121	JTAG 61300611121
X5	1	610108249121	WR-PHD Pin Header, THT, pitch 2.54mm, Dual Row, Angled, 8p	610108249121	610108249121
Y1	1	8MHZ	Crystal or Oscillator	LFXTAL003151REEL	LFXTAL003151REEL