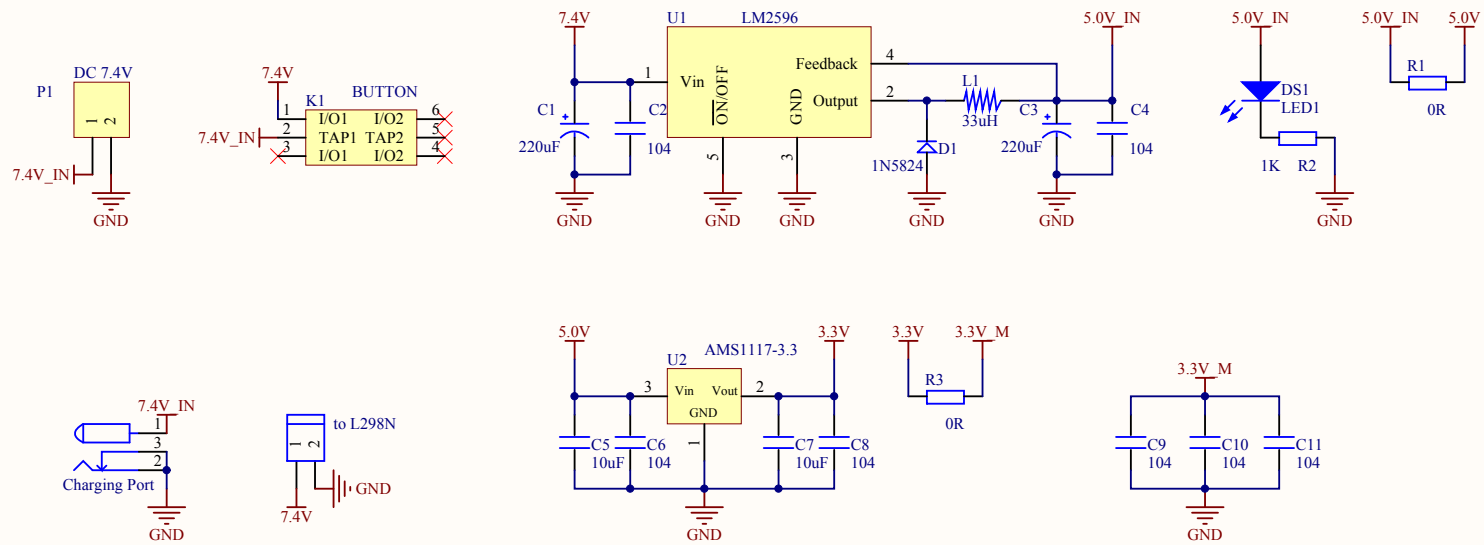
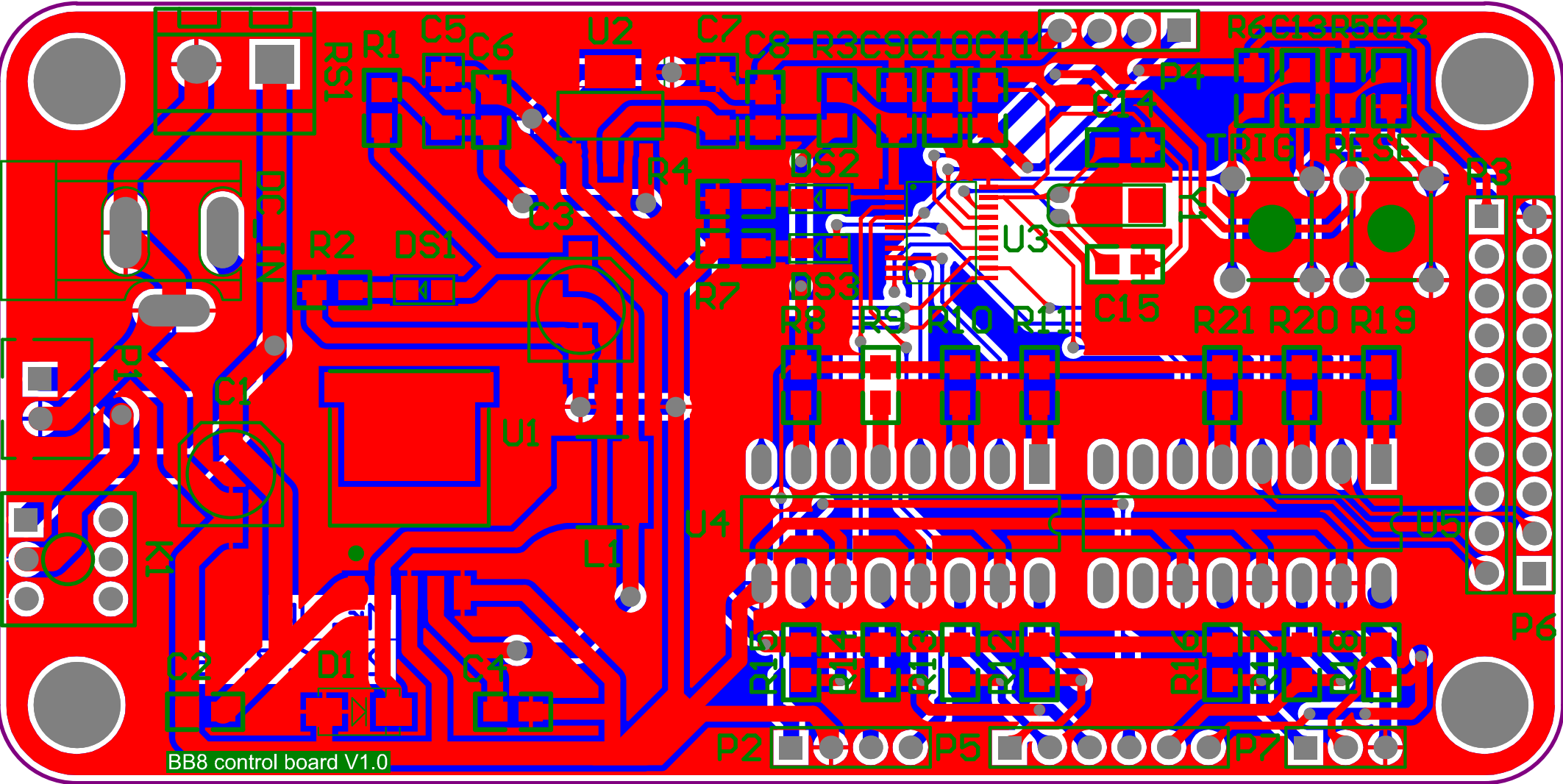


Title		
Size	Number	Revision
A4		
Date:	2016/7/18	Sheet of
File:	C:\Users\...\MainControl.SchDoc	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	2016/7/18	Sheet of
File:	C:\Users\...\Power.SchDoc	Drawn By:



Bill of Materials

<Parameter Title not found>

Source Data From: BB8_Control.PrjPCB
 Project: BB8_Control.PrjPCB
 Variant: None

Creation Date: 2016/7/18 15:20:54
 Print Date: 42569 42569.63968

Footprint	Comment	LibRef	Designator	Description	Quantity
CC6.56.5	220uF	CAP	C1, C3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	2
0603P	104	C	C2, C4, C6, C8, C9, C10, C11, C12, C13, C14, C15		11
0603P	10uF	C	C5, C7		2
DIODE_SOP	1N5824	D	D1		1
DC10B	Charging Port	POW	DC_IN1		1
SMDLED	LED1	LE, LED2	DS1, DS2, DS3		3
BTN8.5*8.5	BUTTON	BUTTON	K1		1
CD54	33uH	L	L1		1
XH2.54-2P	DC 7.4V	Header-2	P1		1
HDR1X4	Header 4	Header 4	P2, P4		2
HDR1X10	Header 10	Header 10	P3, P6		2
HDR1X6	Header 6	Header 6	P5		1
HDR1X3	Header 3	Header 3	P7		1
0603P	0R	R	R1, R3		2
0603P	1K	R	R2, R8, R9, R10, R11, R19, R20, R21		8
0603P	510R	R	R4, R7		2
0603P	47K	R	R5, R6		2
0603P	4.7K	R	R12, R13, R14, R15, R16, R17, R18		7
KEY_M	KEY_M	K	RESET1, TRIG1		2
HEAD2L-0.8	to L298N	H	RS1		1
TO-263-5	LM2596	LM2596	U1	LM2596 - 5.0	1
SOT223-4L	AMS1117-3.3	AMS1117	U2	AMS1117-3.3	1
MSP430G2x53	MSP430G2x53	MSP430G2x53	U3	MSP430G2x53 microcontrollers	1
DIP16	TLP521-4	TLP521-4	U4, U5	4 x 4-Pin Phototransistor Optocoupler	2
XTAL32	32.768KHz	XT	Y1	Crystal Oscillator	1
					59

Approved	Notes