



Title		
Size A2	Number	Revision
Date: 2014/1/22	Sheet of	
File: F:\Altum designer \Balance car Sch.Dwg Drawn By:		

Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C1, C3, C4, C5, C6, C9	0603	CAP	6
Cap	Capacitor	C2, C13	0805	Cap	2
22	Capacitor	C7, C8, C15, C16	0603	CAP	4
	Capacitor	C10	CD5	CAPACITOR POL	1
0.1U	Capacitor	C11	0603	Cap	1
	Capacitor	C12	100u	CAPACITOR POL	1
Cap	Capacitor	C14	0603	Cap	1
JTAG		J1	JTAG20	JTAG20	1
PWR2.5	Low Voltage Power Supply Connector	J2	KLD-0202	PWR2.5	1
LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	LED1, LED2	0603	LED2	2
LM2940S-5.0	1A Low-Dropout Regulator	LM1	TS3B	LM2940S-5.0	1
Header 7X2	Header, 7-Pin, Dual row	P1, P5	HDR2X7	Header 7X2	2
Header 6X2	Header, 6-Pin, Dual row	P2, P4	HDR2X6	Header 6X2	2
Header 8	Header, 8-Pin	P6	HDR1X8	Header 8	1
Header 7	Header, 7-Pin	P7	HDR1X7	Header 7	1
Header 4H	Header, 4-Pin, Right Angle	P8, P9	HDR1X4	Header 4H	2
Header 6H	Header, 6-Pin, Right Angle	P10	HDR1X6	Header 6H	1
Header 4	Header, 4-Pin	P11	HDR1X4	Header 4	1
VCC		P12, P14	HDR2X3	HEADER 3X2	2
GND		P13	HDR2X3	HEADER 3X2	1
Header 2	Header, 2-Pin	Power1	OUT	Header 2	1
Res2	Resistor	R1, R5, R9	0603	Res2	3
2K		R2, R4	0603	RES2	2
10k		R3, R6, R7, R8	0603	RES2	4
RPot	Potentiometer	Rpot1, Rpot2, Rpot3, Rpot4, Rpot5	VR5	RPot	5
按键		RST1, RST2	KEY-6	按键	2
SW-SPST	Single-Pole, Single-Throw Switch	S1	船型开关	SW-SPST	1
STM32RBT6		U1	LQFP64_L	Component_1_1	1
LT1117-3.3		U2	1117	LT1117-3.3	1
8M	Crystal	Y1	JZ_3	CRYSTAL	1
32.768	Crystal	Y2	R38	CRYSTAL	1