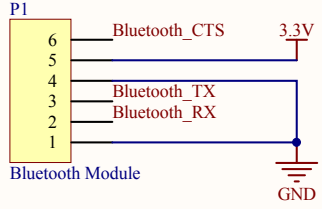

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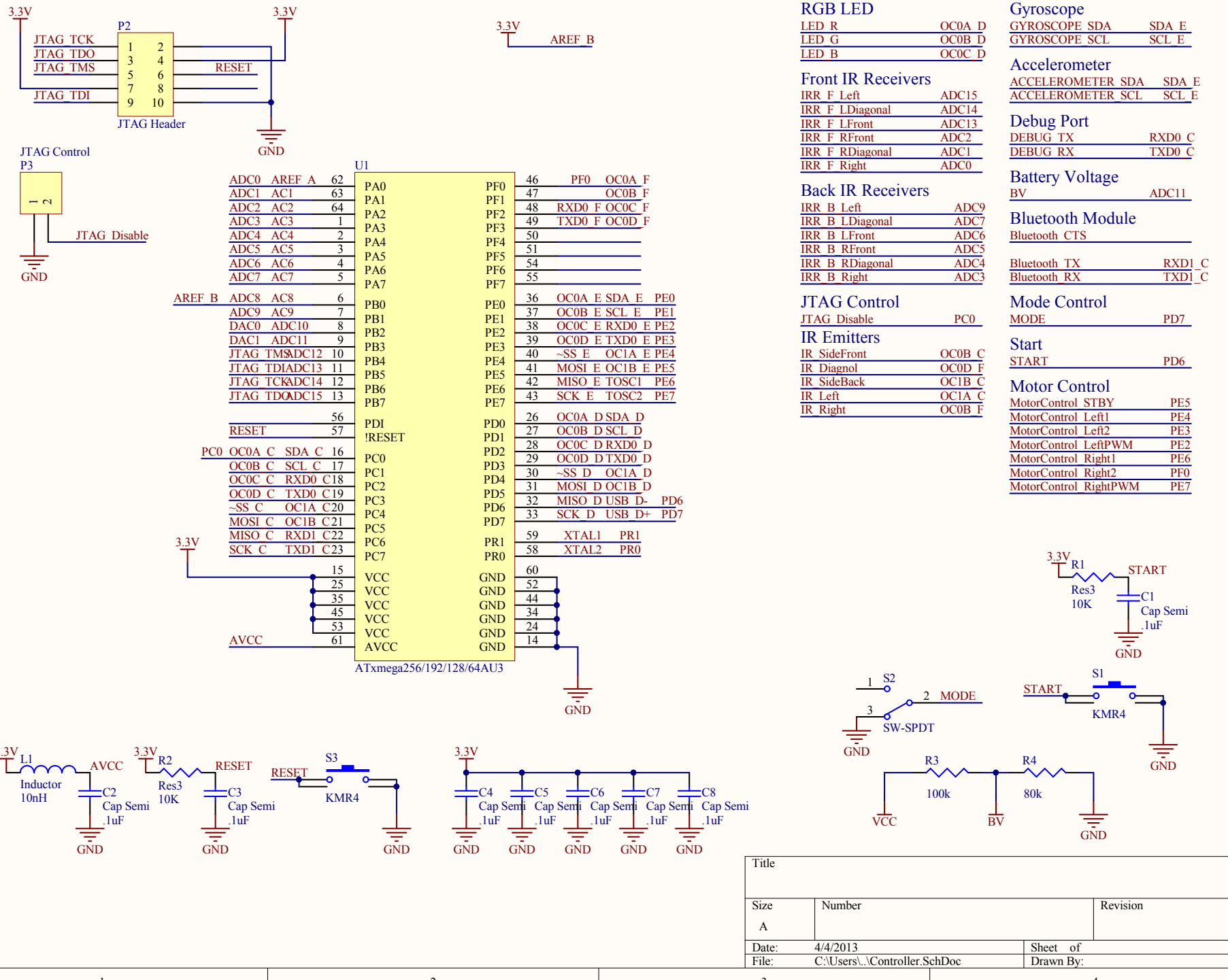

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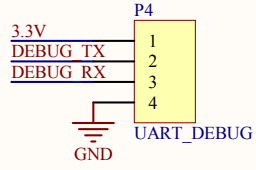

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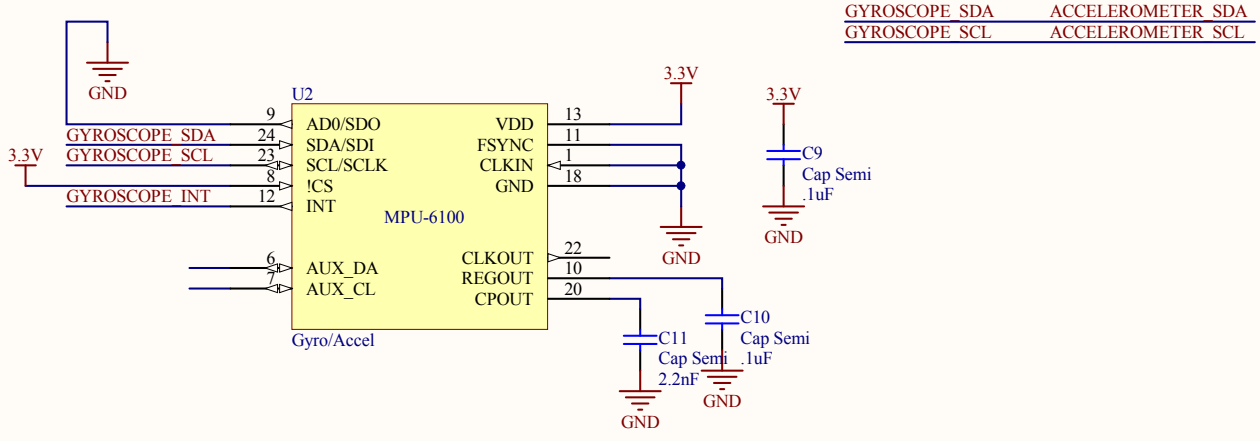

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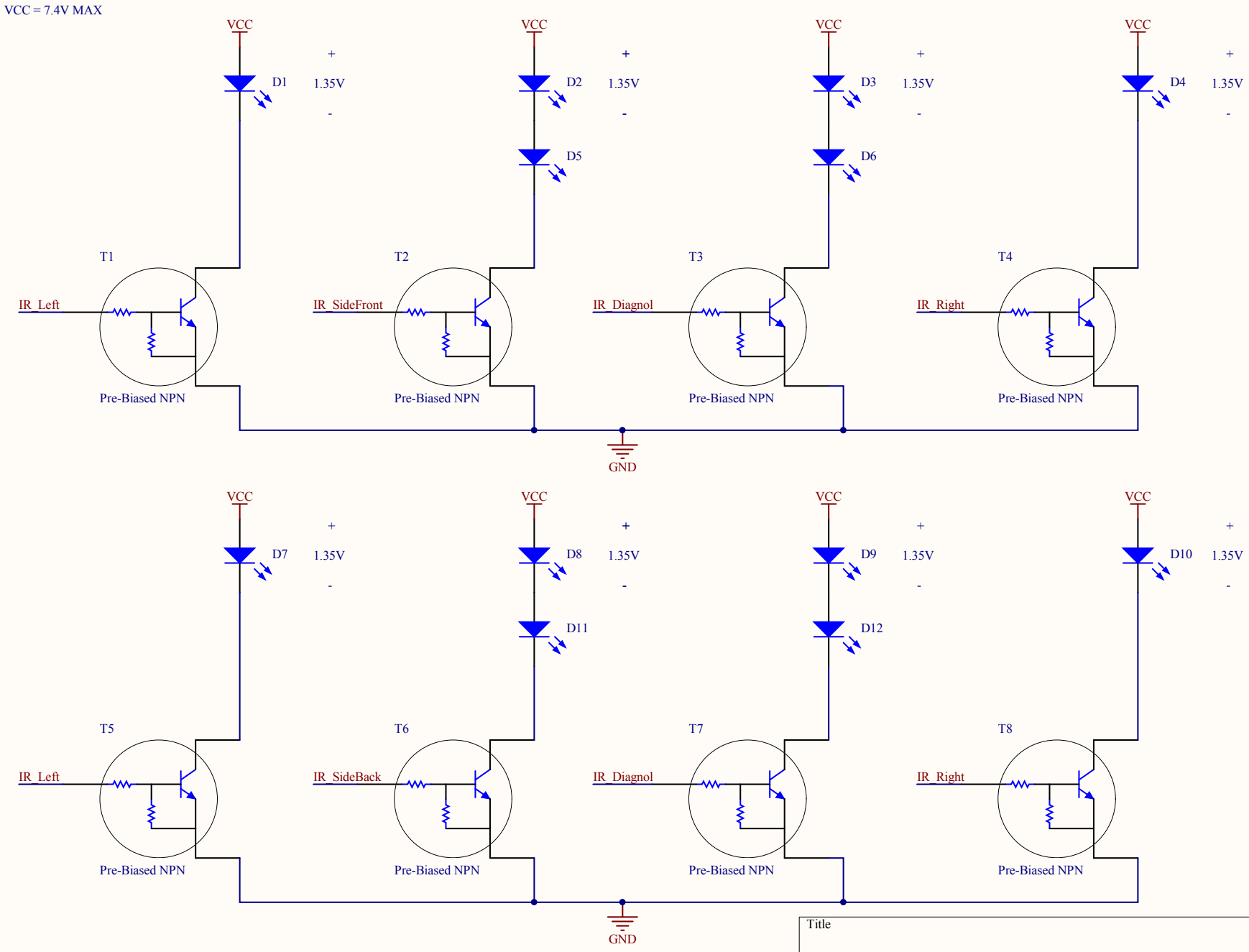

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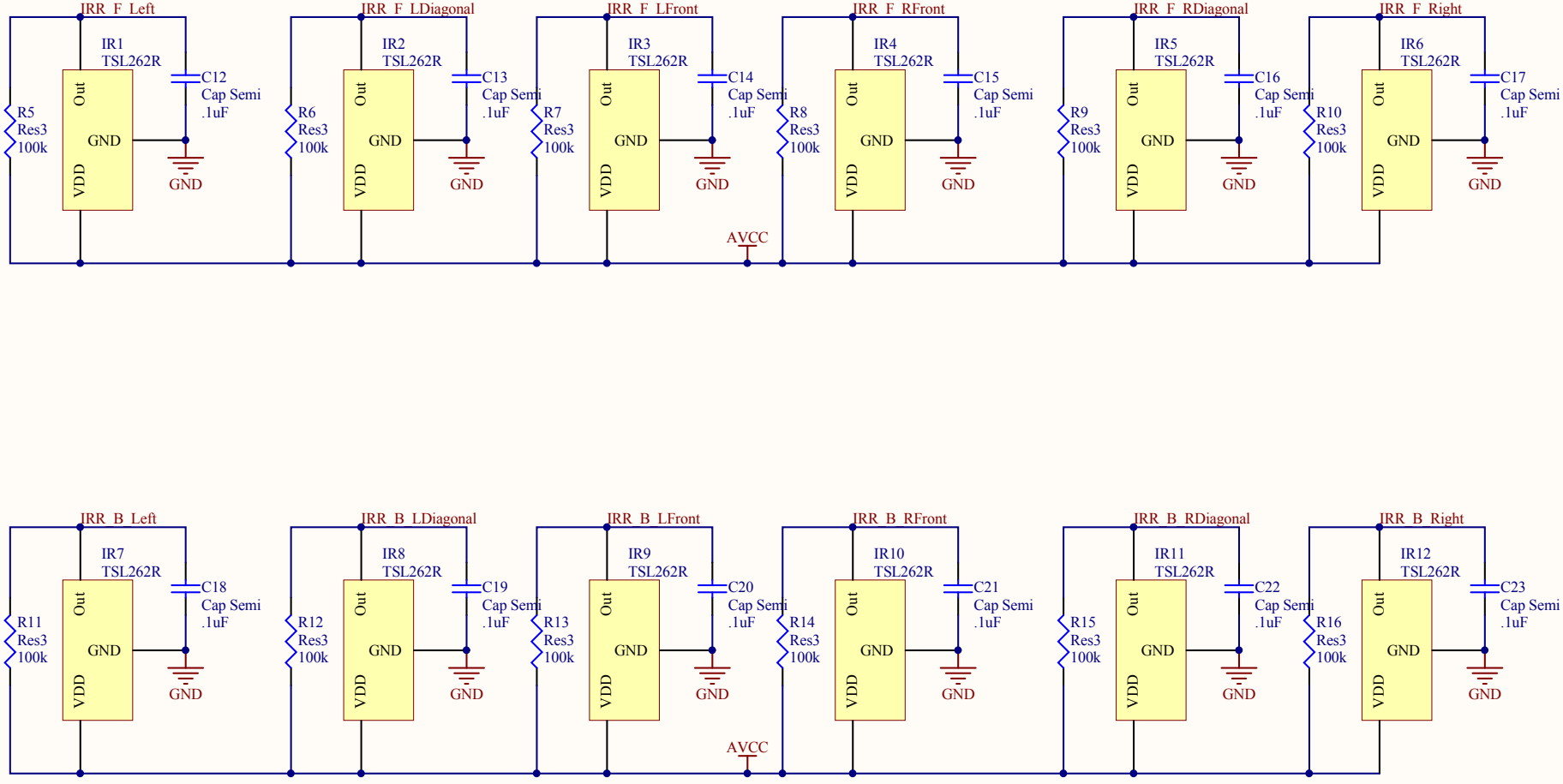

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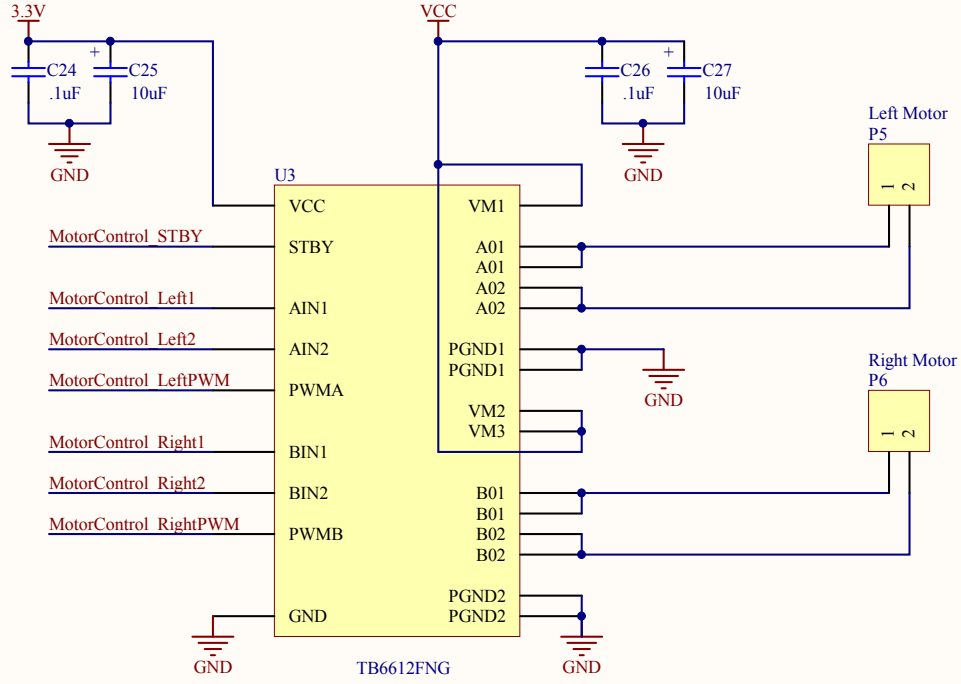

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Date: 4/4/2013		Sheet of
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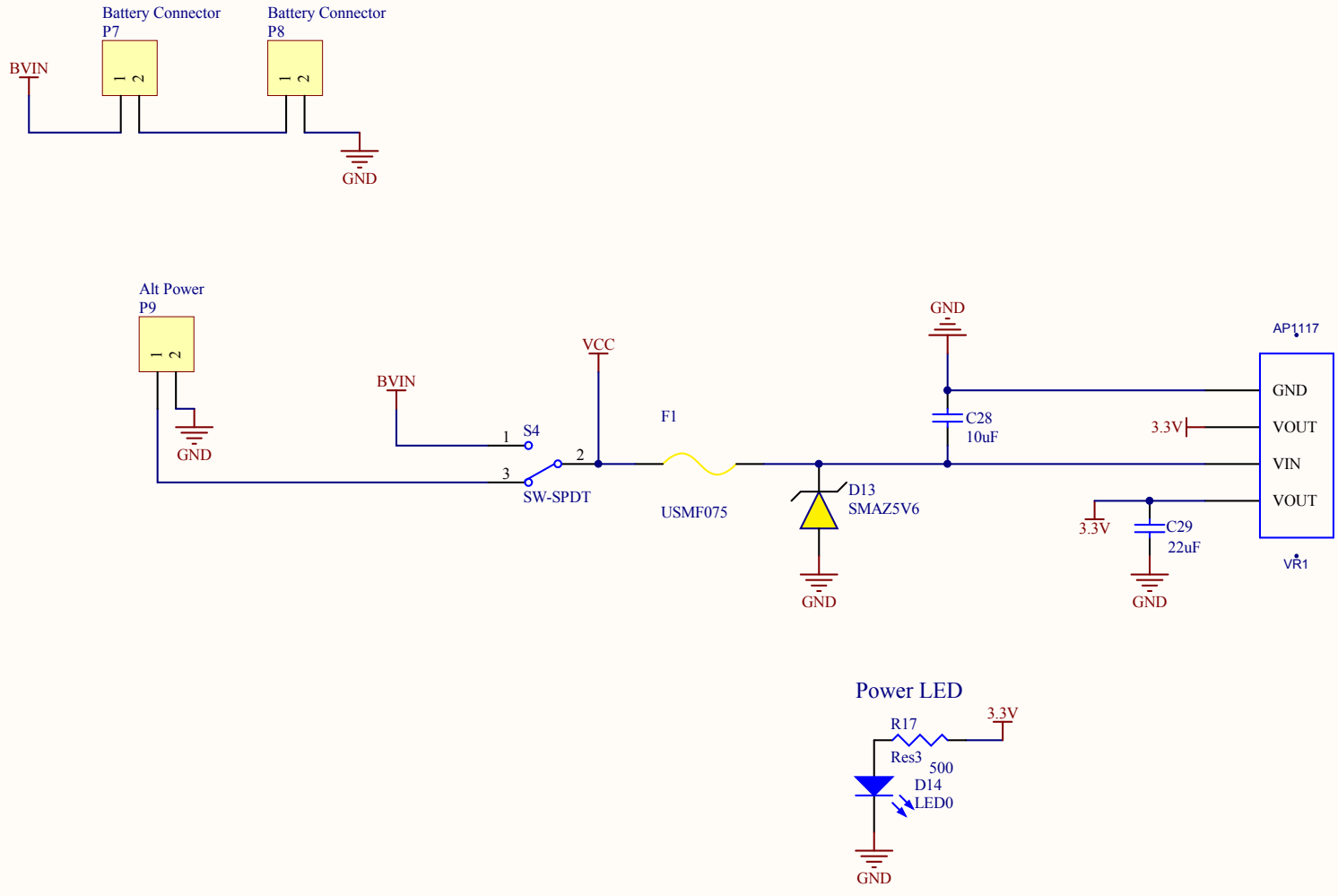

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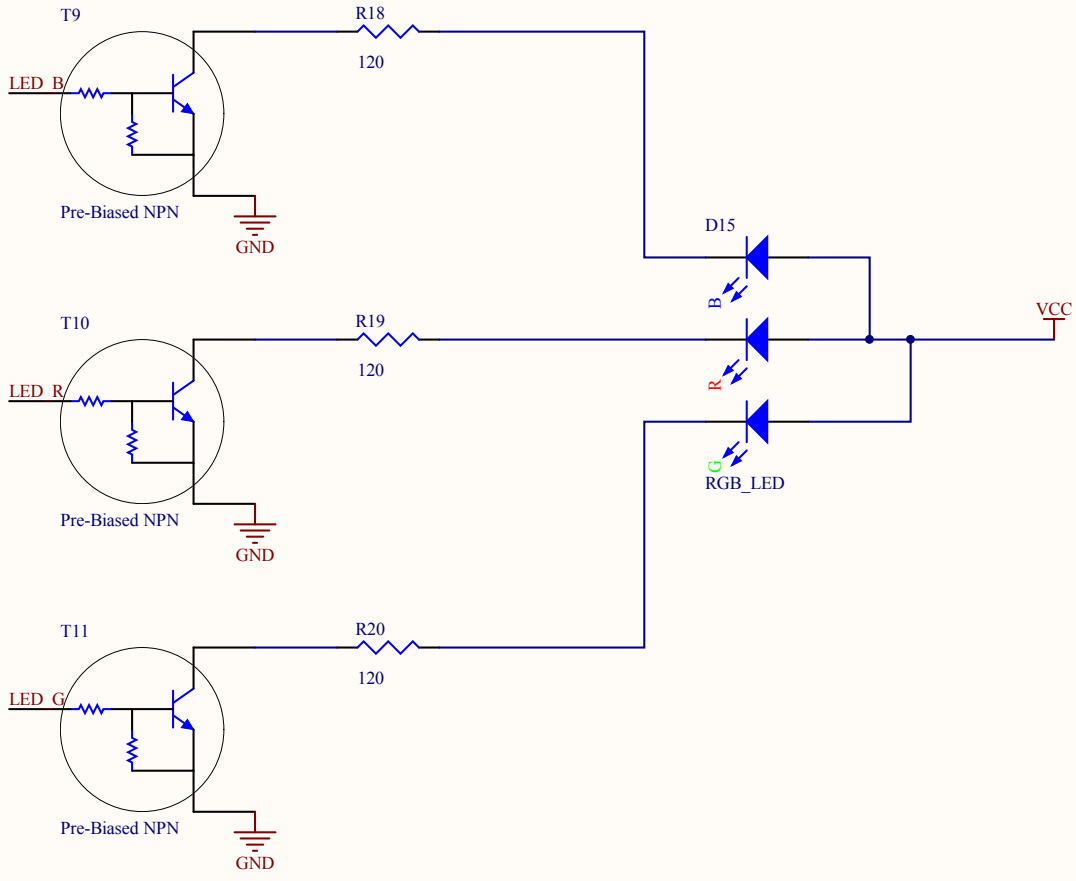

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Size: A	Number	Revision
Date: 4/4/2013		Sheet of
File: C:\Users\..\Status_LED.SchDoc		Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Semi	Capacitor (Semiconductor SIM Model)	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27	1608[0603]	Cap Semi	27
0603	Capacitor (Semiconductor SIM Model)	C28, C29	1608[0603]	Cap Semi	2
LED	Typical INFRARED LED	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12	LED-Bent	LED	12
SMAZ5V6		D13	DO-214AC	SMAZ5V6	1
LED0	Typical INFRARED GaAs LED	D14	0603	LED0	1
RGB_LED		D15	PICOLED_RGB	RGB_LED	1
USMF075		F1	1210	USMF075	1
TSL262R		IR1, IR2, IR3, IR4, IR5, IR6, IR7, IR8, IR9, IR10, IR11, IR12	TSL262R	TSL262R	12
Inductor	Inductor	L1	INDC1608L	Inductor	1
Bluetooth Module	Header, 6-Pin	P1	HDR1X6	Header 6	1
JTAG Header	Header, 5-Pin, Dual row	P2	HDR2X5	Header 5X2	1
JTAG Control	Header, 2-Pin	P3	HDR1X2	Header 2	1
UART_DEBUG	Header, 4-Pin	P4	HDR1X4	Header 4	1
Left Motor	Header, 2-Pin	P5	HDR1X2	Header 2	1
Right Motor	Header, 2-Pin	P6	HDR1X2	Header 2	1
Battery Connector	Header, 2-Pin	P7, P8	Battery Connector	Battery Connector	2
Alt Power	Header, 2-Pin	P9	HDR1X2	Header 2	1
Res3	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	J1-0603	Res3	20
KMR4	Switch	S1, S3	KMR4	SPST Tactile Switch	2
SW-SPDT	SPDT Subminiature Toggle Switch, Right Angle Mounting, Vertical Actuation	S2, S4	SPDT Switch	SW-SPDT	2
Pre-Biased NPN		T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11	SOT-416	Pre-Biased NPN	11
ATxmega256/192/128/64AU3		U1	TQFP80P1600X1600X120-64N	ATxmega256/192/128/64A3U	1
Gyro/Accel		U2	QFN50P400X400X90-24N	MPU-6100	1
TB6612FNG		U3	SSOP24-P-300-0.65A	TB6612FNG	1
AP1117	AP1117	VR1	SOT-223	AP1117	1