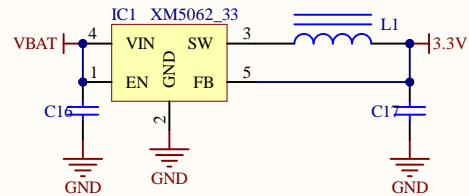
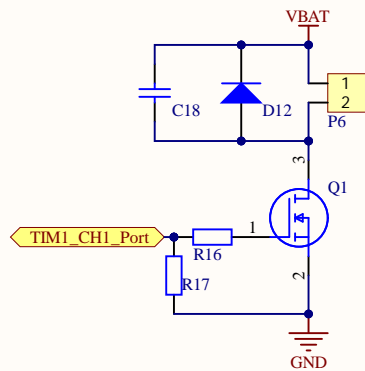


Battery_Power_In

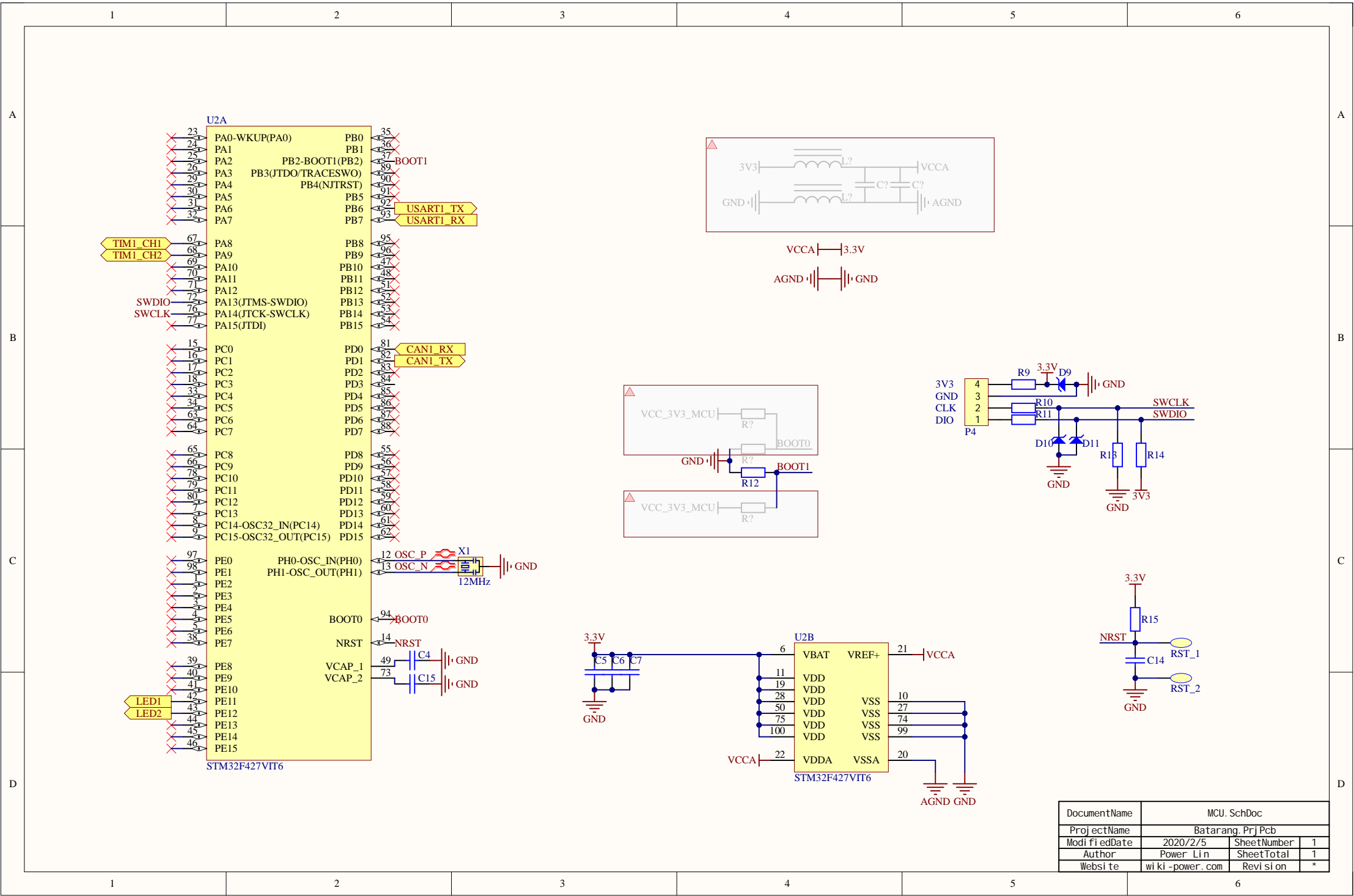


VBAT_to_3.3V@600mA



Motor_Control

DocumentName	Power. SchDoc		
ProjectName	Batarang. PrjPcb		
ModifiedDate	2020/2/6	SheetNumber	1
Author	Power Lin	SheetTotal	1
Website	wiki-power.com	Revision	*



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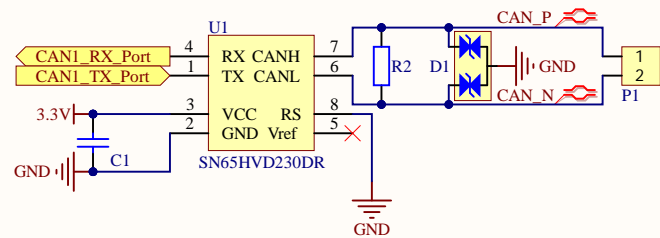
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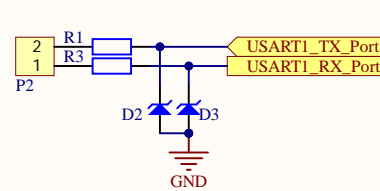
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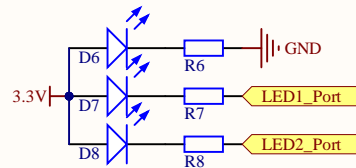
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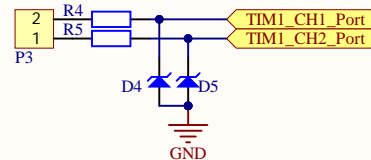
CAN



Serial



LEDs



TIM

DocumentName	Dev. SchDoc		
ProjectName	Batarang.PrjPcb		
ModifiedDate	2020/2/6	SheetNumber	1
Author	Power Lin	SheetTotal	1
Website	wiki-power.com	Revision	*

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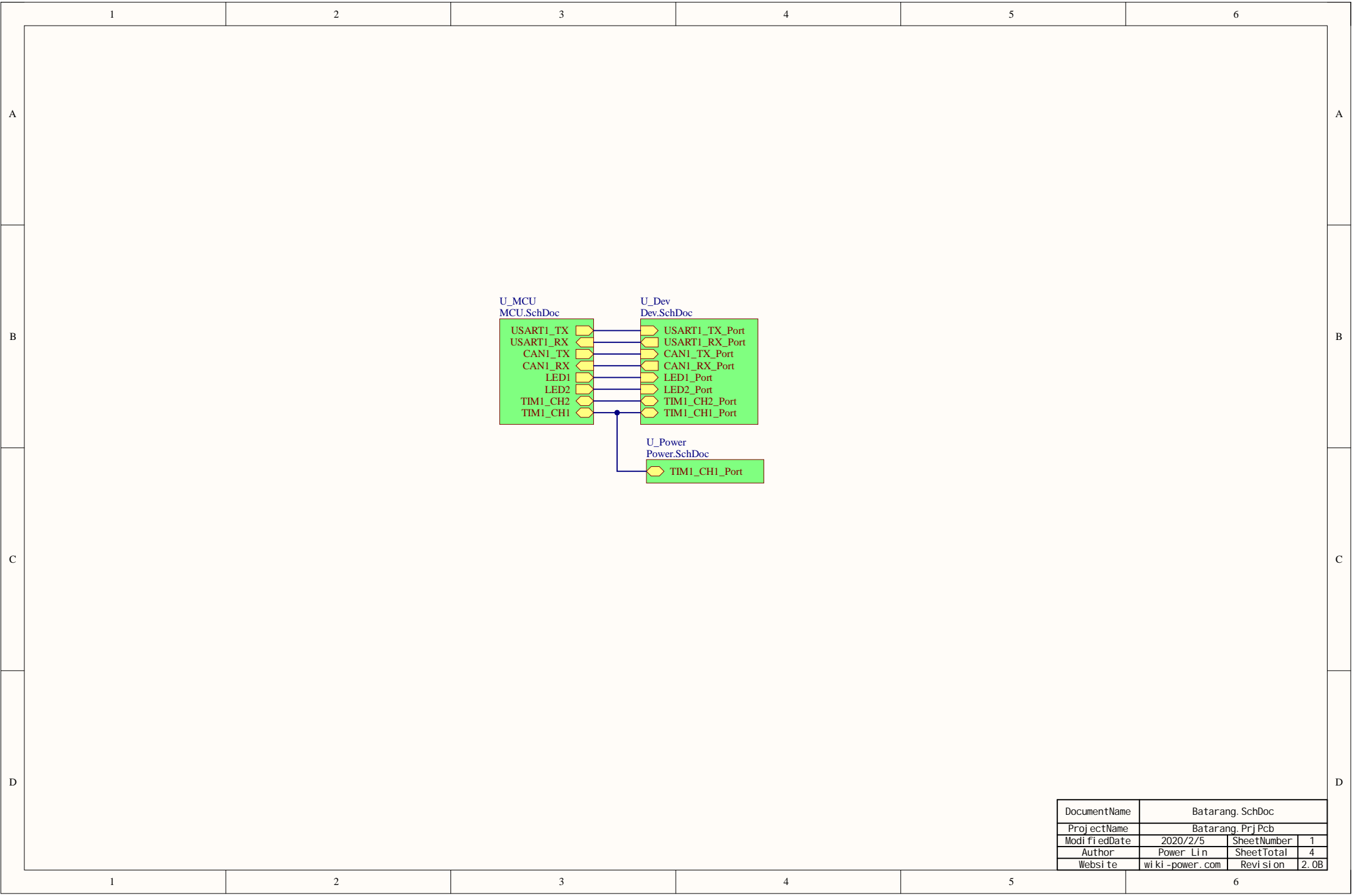
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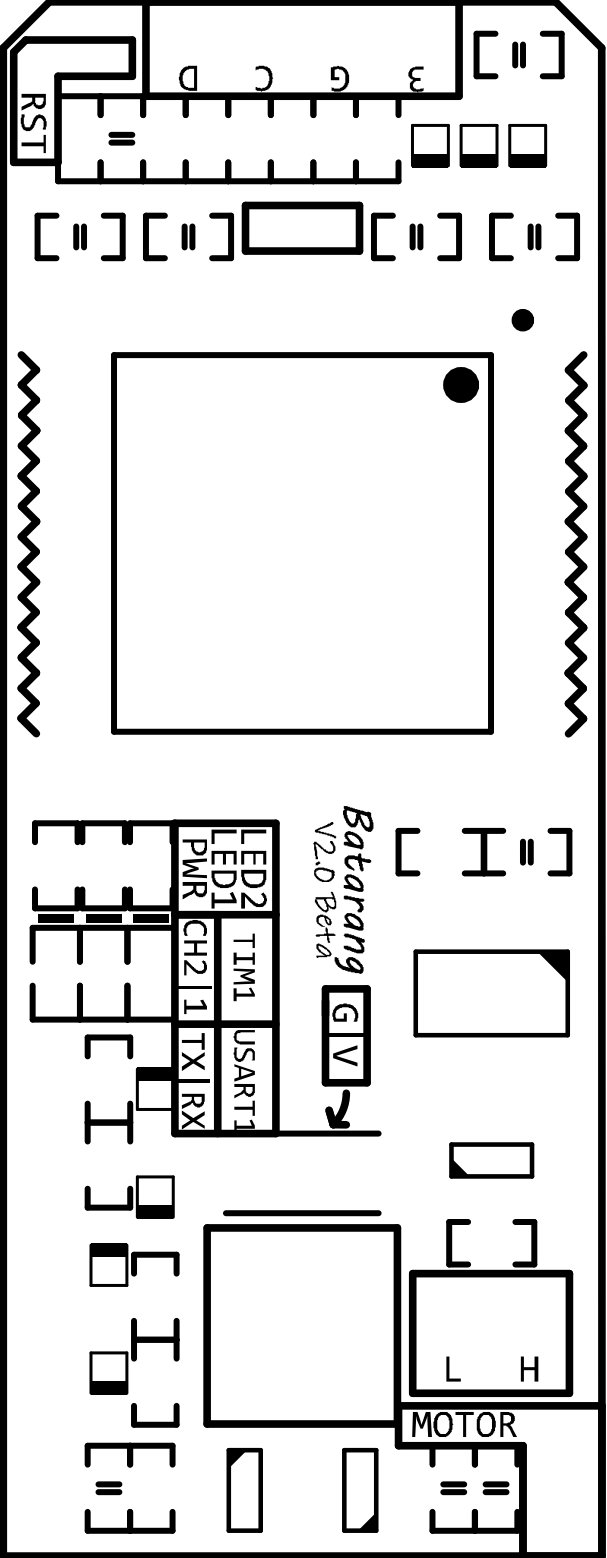
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C

D



DocumentName	Batarang.SchDoc		
ProjectName	Batarang.PrjPcb		
ModifiedDate	2020/2/5	SheetNumber	1
Author	Power Lin	SheetTotal	4
Website	wiki-power.com	Revision	2.0B



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	贴片电容	C1, C5, C6, C7, C14	CAP-0603	CAP	5
2.2uF	贴片电容	C4, C15	CAP-0603	CAP	2
4.7uF	贴片电容	C16	CAP-0603	CAP	1
10uF	贴片电容	C17, C18	CAP-0603	CAP	2
PESD2CAN	TVS 双向x2	D1	SOT-23-3	TVS_C2	1
BZT52C3V9S-7-F	TVS 二极管	D2, D3, D4, D5, D9, D10, D11	SOD_323	TVS	7
RED	发光二极管	D6, D7	LED_0603	LED	2
GREEN	发光二极管	D8	LED_0603	LED	1
SS14	二极管	D12	DO-214AC_SMA	DIODE	1
XM5062_33	降压转换芯片	IC1	SOT-23-5	XM5062	1
2.2uH	贴片电感	L1	XAL6060-103MEB	INDUCTOR	1
HDR1x2_2.54	Header	P1, P2, P3, P5, P6	HDR1X2_2.54_180	HDR1x2_2.54	5
HDR1x4_2.54	Header	P4	HDR1x4_2.54_180	HDR1x4_2.54	1
SI2302DS	N 沟道 MOS	Q1	SOT-23-3	N-MOS	1
100R	贴片电阻	R1, R3, R4, R5, R10, R11	R-0603	RES	6
120R	贴片电阻	R2	R-0603	RES	1
4.7K	贴片电阻	R6, R7, R8	R-0603	RES	3
0R	贴片电阻	R9	R-0603	RES	1
10K	贴片电阻	R12, R13, R14, R15, R17	R-0603	RES	5
22R	贴片电阻	R16	R-0603	RES	1
TestPoint	TestPoint	RST_1, RST_2	TestPoint	TestPoint	2
SN65HVD230DR	CAN 控制器 (3.3V)	U1	SOIC_8	SN65HVD230DR	1
STM32F427VIT6	微控制器	U2	LQFP_100	STM32F427Vx	1
12MHz	有源晶振	X1	CSTCE_G(A)村田晶振	XTAL	1