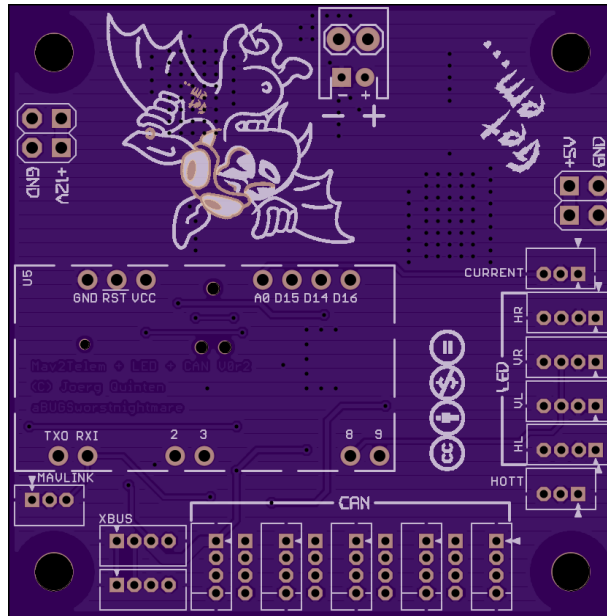
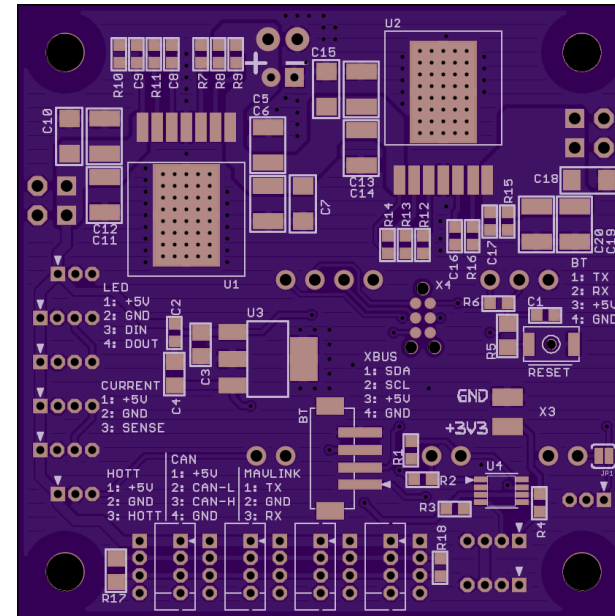


BOM - Mav2Telem 0r2
http://oshpark.com/shared_projects/w3HX6HVF

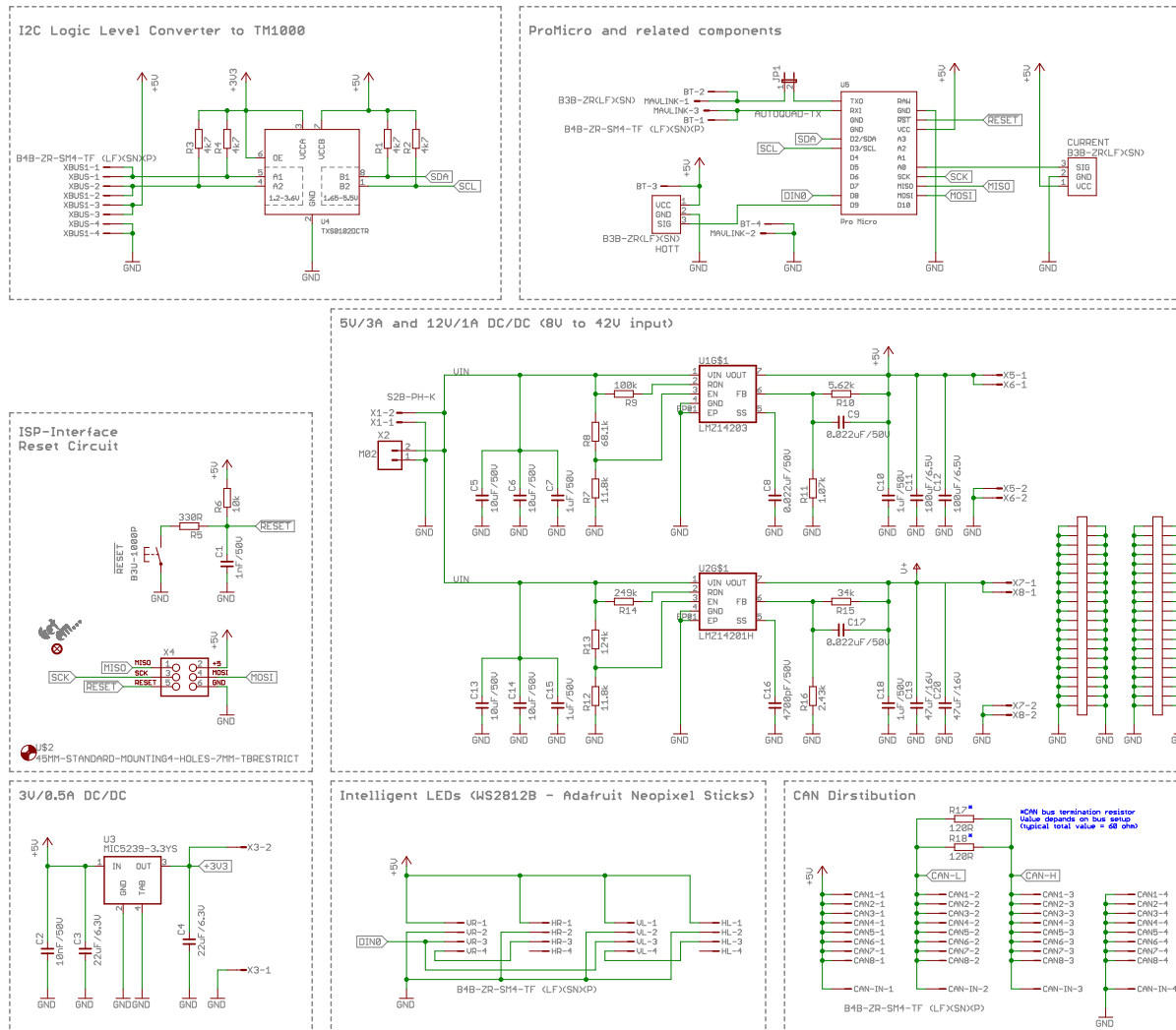
Qty	Value	Package	Parts	DIGIKEY-NO	MANUFACTURER	PART-NO
1		ARDUINOPROMICRO	U5		Sparkfun	DEV-12640
1	B3U-1000P	B3U-1000	IRESET	SW1020CT-ND	Omron	B3U-1000P
3	0.022uF/50V	C0603	C8, C9, C17	311-1370-1-ND	Yageo	CC0603KRX7R9BB223
1	10nF/50V	C0603	C2	311-1085-1-ND	Yageo	CC0603KRX7R9BB103
1	1nF/50V	C0603	C1	311-1080-1-ND	Yageo	CC0603KRX7R9BB102
1	4700pF/50V	C0603	C16	311-1083-1-ND	Yageo	CC0603KRX7R9BB472
2	22uF/6.3V	C0805	C3, C4	311-1464-1-ND	Yageo	CC0805MKX5R5BB226
4	1uF/50V	C1206	C7, C10, C15, C18	587-2230-1-ND	Taiyo Yuden	UMK316B7105KL-T
2	100uF/6.3V	C1210	C11, C12	587-1387-1-ND	Taiyo Yuden	JMK325BJ107MM-T
2	47uF/16V	C1210	C19, C20	490-6538-1-ND	Murata	GRM32ER61C476KE15K
4	10uF/50V	C1210	C5, C6, C13, C14	587-2225-1-ND	Taiyo Yuden	UMK325BJ106MM-T
1	1.07k	R0603	R11	311-1.07KHRCT-ND	Yageo	RC0603FR-071K07L
1	100k	R0603	R9	311-100KHRCT-ND	Yageo	RC0603FR-07100KL
1	10k	R0603	R6	311-10.0KHRCT-ND	Yageo	RC0603FR-0710KL
2	11.8k	R0603	R7, R12	311-11.8KHRCT-ND	Yageo	RC0603FR-0711K8L
1	124k	R0603	R13	311-124KHRCT-ND	Yageo	RC0603FR-07124KL
1	2.43k	R0603	R16	311-2.43KHRCT-ND	Yageo	RC0603FR-072K43L
1	249k	R0603	R14	311-249KHRCT-ND	Yageo	RC0603FR-07249KL
1	34k	R0603	R15	311-34.0KHRCT-ND	Yageo	RC0603FR-0734KL
4	4k7	R0603	R1, R2, R3, R4	311-470KHRCT-ND	Yageo	RC0603FR-07470KL
1	5.62k	R0603	R10	311-5.62KHRCT-ND	Yageo	RC0603FR-075K62L
1	68.1k	R0603	R8	311-68.1KHRCT-ND	Yageo	RC0603FR-0768K1L
1	330R	R0805	R5	311-330CRCT-ND	Yageo	RC0805FR-07330RL
1	MIC5239-3.3YS	SOT223	U3	MIC5239-3.3YS	Micrel Inc.	MIC5239-3.3YS TR
1	TXS0102DCTR	SSOP08	U4	296-21978-1-ND	Texas Instruments	TXS0102DCTR
1	LMZ14201H	TO-PMOD-7	U2	LMZ14201HTZX/NOPBCT-ND	Texas Instruments	LMZ14201HTZX/NOPB
1	LMZ14203	TO-PMOD-7	U1	LMZ14203TZ-ADJ/NOPBCT-ND	Texas Instruments	MZ14203TZ-ADJ/NOPB
1	Pinhead, 1x02SMD, 2.54mm pitch	1X02-SMD	X3			
5	Pinhead, 1x2, angled, 2.54mm pitch	2X01	X2, X5, X6, X7, X8			
1	S2B-PH-K	JST-2-PTH	X1	455-1719-ND	JST	S2B-PH-K-S(LF)(SN)
3	B3B-ZR(LF)(SN)	B3B-ZR	MAVLINK,CURRENT, HOTT	455-1658-ND	JST	B3B-ZR(LF)(SN)
15	B4B-ZR(LF)(SN)	B4B-ZR_MULTI	CAN-IN, CAN1, CAN2, CAN3, CAN4, CAN5, CAN6, CAN7, CAN8*	455-1659-ND	JST	B4B-ZR(LF)(SN)
15	B4B-ZR(LF)(SN)	B4B-ZR_MULTI	HL, HR, VL, VR, XBUS, XBUS1	455-1659-ND	JST	B4B-ZR(LF)(SN)
1	B4B-ZR-SM4-TF (LF)(SN)(P)	B4B-ZR-SM4-TF	BT	455-1683-1-ND	JST	B4B-ZR-SM4-TF (LF)(SN)(P)
optional CAN termination resistors (choose one package/location; value depends on total bus impedance (should be within 50-70 Ohms)):						
1	120R	R0603	R18	311-120HRCT-ND	Yageo	RC0603FR-07120RL
1	120R	R0805	R17	311-120CRCT-ND	Yageo	RC0805FR-07120RL
			* optional 3-pin header: B3B-ZR(LF)(SN), 455-1658-ND			



TOP view



BOTTOM view



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