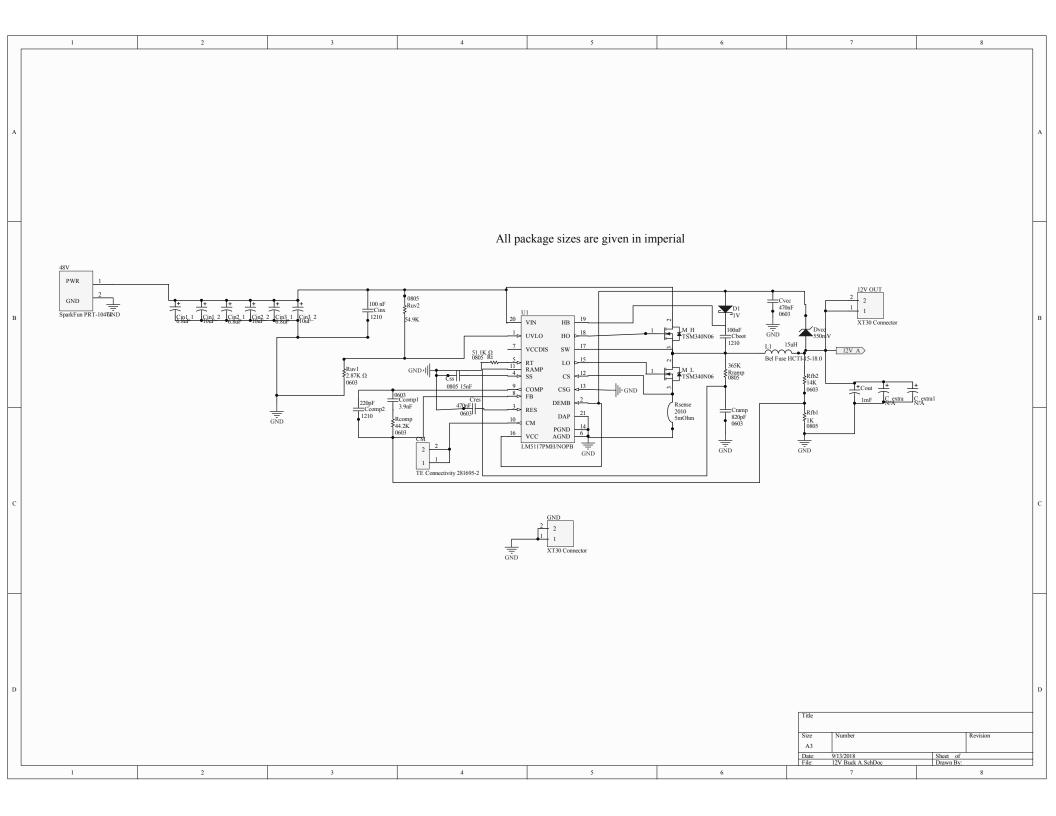
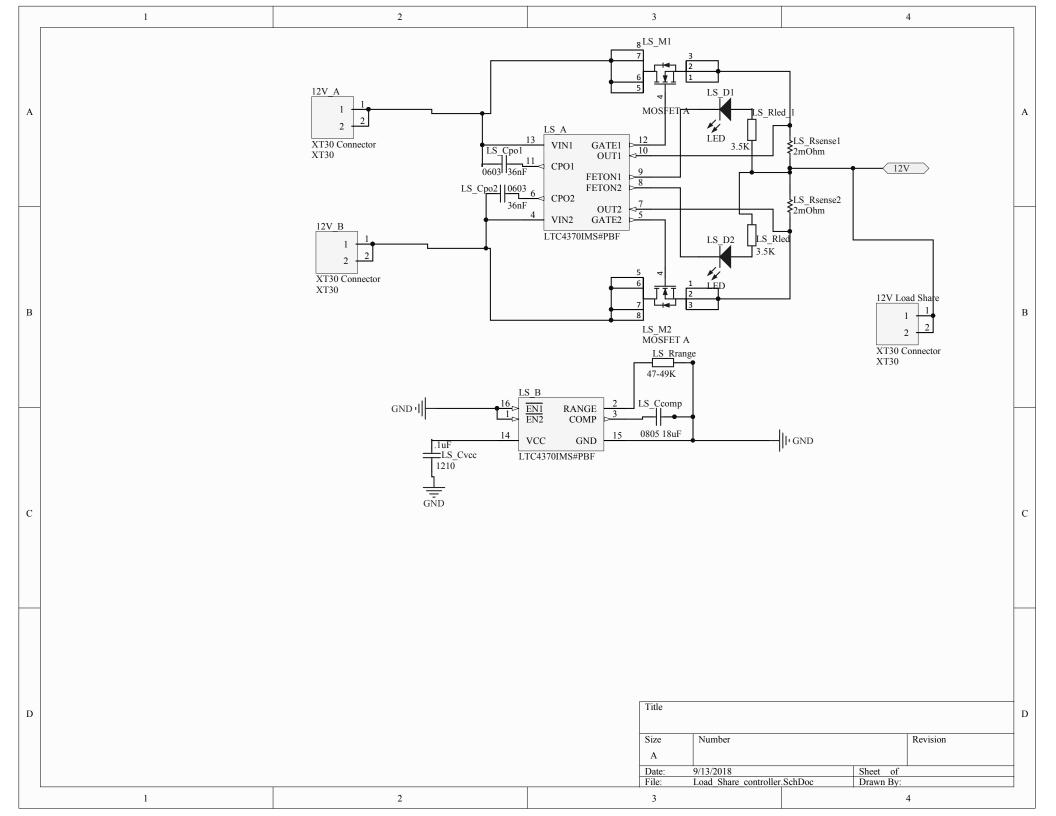
Capacitance	Comment	Description Footprint for the XT30 connector	Designator 12V_A, 12V_B, 12V	Footprint PCB-	LibRef CMP-	Quantity	Resistance	Value
	XT30 Connector	XT30 connector (smaller version of the XT60)	12V_A, 12V_B, 12V Load Share, 12V OUT, GND	k7b7qcz15wuei3ya obu8-1	nim89fczalak95wz dygw-1	5		
	SparkFun PRT- 10474	XT60 Connectors		PCB- Oyod6kgjStm1afd	CMP- d8151592827e07d	,		
	104/4	Male/female Pair Cap Ceramic 2.2uF	48V	ndpj-1	2-4	1		
	Taiyo Yuden HMK32587225KN-T	100V X7R 10% SMD 1210 125°C		PCB- xq3c4pfyq04n43f4i	CMP- 050ecc6fcd80dac9-			
100nF	HMK32587225KN-T Kernet C0603C561J5GACT	Embossed T/R CAP CER S60PF	Choot	2bn-1	2	1		
3.9nF	U	50V 5% NP0 0603	Ccomp1	0603-CAP	CMP-123892-4	1		
	Taiyo Yuden	Cap Ceramic 2.2uF 100V X7R 10% SMD 1210 125°C		PCB- xq3c4pfyq04n43f4i	CMP- 050ecc6fcd80dac9-			
220pF	HMK325B7225KN-T	Embossed T/R	Ccomp2	zps:4ptyqu4n4314i 2bn-1	2	1		
		Cap Aluminum Lytic 100uF 16V						
		20% (6.3 X 11.2mm) Radial 2.5mm 290mA 1000h 105C	Cin1_1, Cin2_1,	PCB- Zjf9nlde2fxplectir	CMP- 1b08d3184bfdc4cf-			
6.8uF	Cap Pol2	Ammo Pack Cap Aluminum	Cin3_1	wc-1	1	3		
		220uF 63V 20%						
		Radial 5mm 1285mA 5000h 105Å*C Ammo	Cin1_2, Cin2_2,	PCB- tfzooo8wqykrjp6g	CMP- dec21744279d010			
10uF		Pack	Cin3_2	vckq-1	5-1	3		
		Cap Ceramic 2.2uF 100V X7R 10%		PCB-	CMP-			
100 nF	Taiyo Yuden HMK325B7225KN-T	SMD 1210 125°C Embossed T/R AMPMODU HE14	Cinx	xq3c4pfyq04n43f4i 2bn-1	050ecc6fcd80dac9- 2	1		
		Series, 2.54mm Pitch 2 Way 1 Row						
	TE Connectivity 281695-2	Straight PCB Header, Solder Term	CM	PCB- 55uug6ujkbv21ex b3umc-1	CMP- e5782e1080433abf- 3			
	201033-1	Cap Aluminum	cel	DOUBL'1		1		
		Cap Aluminum Lytic 6.8uF 400V 20% (10 X 16mm)		PCB-	CMP- 4c0c843421ef93cb-			
		Radial 5mm 280mA 8000h 105C Bulk	Cout	yd3t1mil8xgznscb n6t8-1	4c0c843421ef93cb- 2	1		1mF
820pF	Kernet C0603C561J5GACT U	CAP CER 560PF 50V 5% NP0 0603	Cramp	0603-CAP	CMP-123892-4	1		
	Kernet C0603C561J5GACT	CAR CER SAME						
470nF	U AVX Interconnect /	50V 5% NP0 0603	Cres, Cvcc	0603-CAP	CMP-123892-4	2		
15nF	Elco TLCR107M004XTA	4V 20% 0805	Css	CAPC2014X135X70 LL20	CMP-224528-2	1		
		Cap Aluminum Lytic 100uF 16V						
		20% (6.3 X 11.2mm) Radial 2 5mm		PCB-	CMP-			
N/A	Cap Pol2	290mA 1000h 105C Ammo Pack Semiconductors	C_extra, C_extra1	2jf9nlde2fxplectir wc-1	1b08d3184bfdc4cf- 1	2		
		and Actives, Discretes (diodes,						
	<u> </u>	transistors,	L	PCB- 5bn641f9tldax80a	CMP- c07c0973e9121fbb-			
	1V	DZ2S036M0L	D1	bqio-1	4	1		
		Series 150 mW 3.6 V 200 mA Surface Mount Zener Diode - SC-79		PCB- t9nfn559t63jn2ztb	CMP- 921b59b4313a4dd			
	550mV	Diode - SC-79 Inductor Power	Dvcc	8uq-1	c-1 921059043139400	1		
	mat row	Inductor Power Shielded Toroid 15uH/9.5uH 15%		PCB-	CMP-			
	Bel Fuse HCTI-15- 18.0	1KHz 18A 6mOhm DCR RDL	п	7hxld5628s5vzrlltt av-1	4bae8655b227946 9-1	1		
	1	Two-Supply Diode OR Current Balancing						
	LTC43700MS#PBF	V Vin, 16-pin SOP (MS-16), -40 to 85 degC, Pb-Free	LS_	LT-MS-16_L	CMP-1162515-2	1		
18uF	AVX Interconnect / Elco TLCR107M004XTA	CAP TANT 100UF 4V 20% 0805	LS_Ccomp	CAPC2014X135X70 LL20	CMP-224528-2	,		
	Kernet C0603C561J5GACT	CAP CER SGOPF						
36nF	u	50V 5% NP0 0603	LS_Cpo1, LS_Cpo2	0603-CAP	CMP-123892-4	2		
		Cap Ceramic 2.2uF 100V X7R 10% SMD 1210 125°C		PCB-	CMP-			
luF.	Taiyo Yuden HMK32587225KN-T	SMD 1210 125°C Embossed T/R LED; Through	LS_Cvcc	xq3c4pfyq04n43f4i 2bn-1	050ecc6fcd80dac9- 2	1		
		Hole: 2 mm; LBC						
	<u> </u>	395nm; Water Clear Lens; 30 Deg Viewing Angle;		PCB- Ongcqa48p5nqkflv	CMP- 39eef09c3dcce629-			
	LED	Flanged N-Ch MOSFET SO-	LS_D1, LS_D2	7v2c-1	1	2		
	MOSFETA	8 BWL split gate 30V 3.4mohm @ 10V	LS_M1, LS_M2	PCB-19722066-1	CMP-19722066-6	,		
		Res GENERIC THT		PCB- xt88hm5atixo4k7m	CMP- 2cc3e5c9bb4df304-			
	-	RESISTOR	LS_Ried, LS_Ried_1	uxaf-1 PCB-	35 CMP-	2	3.5K	
	ļ	Res GENERIC THT RESISTOR	LS_Rrange	xt88hm5qtixo4k7m uxaf-1	2cc3e5c9bb4df304- 35	1	47-49K	
		Res Thick Film 2512 0.003 Ohm						
	1	1% 1W 50ppm/Å*C to 150nnm/Å*C						
	2mOhm	Molded SMD SMD Embossed Carrier T/R	LS_Rsense1,	PCB- 9l1y7q8wfh2j5q7st i4n-1	CMP- 5d4e961b39a4828 9-1			
		T/R N-Channel CoolMOS Power-	LS_Rsense2		*	. 2		
		Transistor, 600 V						
	TSM340N06	to 150 degC, PG- TO251-3-11, Tube, Green	M_H, M_L	INF-PG-TO251-3-	CMP-846728-2			
		Green Thin Film Resistors	m_FI, M_L		CHE-040/28-2	2		
	Vishay Dale TNPU0603100RBZE	- SMD 1/10watt 100ohms 0.1%		RESC1609X55X30M				
	N00	5ppm	Rcomp	L10T20	CMP-1870598-2	1	44.2K	
		Thick Film Resistors - SMD 0805 169Kohms 1% Tol	Rfb1	RESC2013X70X40M	CMP-3687771-2		1K	
	<b> </b>	1% Tol Thin Film Resistors	nudž	L20T20	CHEP-300///1-2	1	an.	
	Vishay Dale TNPU0603100RBZE	- SMD 1/10watt 100ohms 0.1%		RESC1609X55X30M				
	N00	Sppm Thick Film	Rfb2	L10T20	CMP-1870598-2	1	14K	
		Resistors - SMD 0805 169Kohms 1% Tol	Bramn	RESC2013X70X40M L20T20	CMP-3687771-2		365K	
		1% Tol Resistor, Thick Film; 0 Ohms; 0.75	Rramp	20120	CHE-308///1-2	1	Judit.	
	Vishay	W; 0 Ohms Jumper: SMT:			CMP-			
	CRCW20100000Z0 EF	2010; TCR 0 ppm/DegC: TR	Rsense	RESC5025X07N	81594a09aa4e5e9e 2	1	5mOhm	
		Thick Film Resistors - SMD 0805 169Kohms		RESC2013X70X40M				
	-	1% 101	Rt	L20T20	CMP-3687771-2	1	51.1K O	
	Vishay Dale	Thin Film Resistors - SMD 1/10watt						
	TNPU0603100RBZE N00	100ohms 0.1% Sppm	Ruv1	RESC1609X55X30M L10T20	CMP-1870598-2	1	2.87K O	
		Thick Film Resistors - SMD 0805 169Kohms		RESC2013X70X40M				
		1% Tol	Ruv2	L20T20	CMP-3687771-2	1	54.9K	
	LM5117PMH/NOPB	Wide Input Range	U1	MXAZ0A_N	CMP-0069-02227-2	1		





(mm)

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