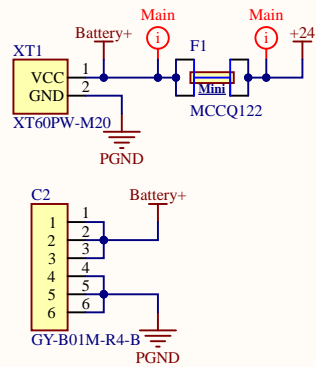
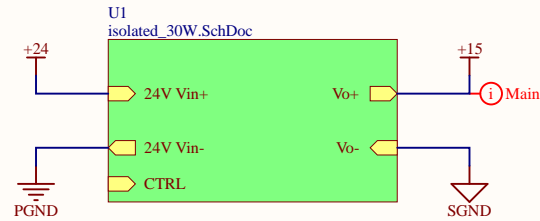


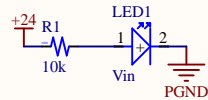
Input & Fuse



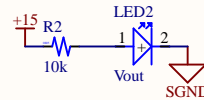
Power Module



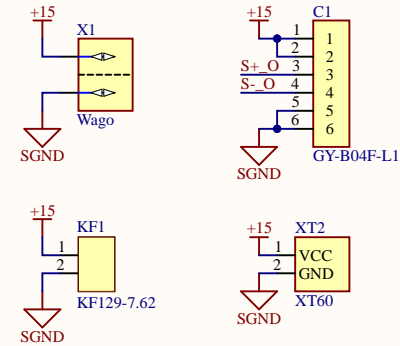
Vin LED




Vout LED



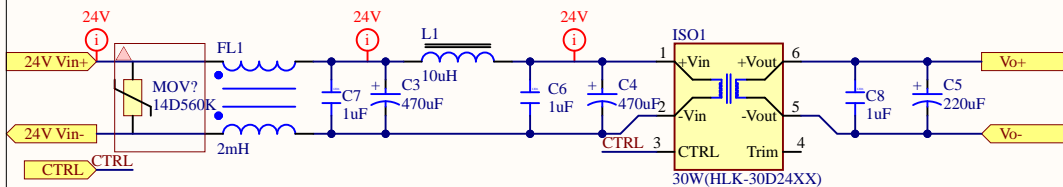
Connector



Title PWN-30W-4				
Size: A4	Number:	Revision: V2.0R		
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24V to 5/12/15/24V with isolation



Title HLK-30D24XX			
Size: A4	Number:	Revision: V2.0R	
Date: 1/23/2022	Time: 9:49:44 PM	Sheet 2 of 2	ML@2022
File:			



Comment	Description	Designator	Footprint	LibRef	Quantity
GY-B04F-L1	GY-B04F-L1 GY-B01M-R4-B	C1	GY-B04F-L1	Connector-battery- 2.5mm-6P	1
GY-B01M-R4-B	GY-B04F-L1 GY-B01M-R4-B	C2	GY-B01M-R4-B	Connector-battery- 2.5mm-6P	1
470uF	ALUMINUM ELECTROLYTIC CAP.	C3, C4	CAP-10x10.2mm	Cap-AEA-10x10.2	2
220uF	ALUMINUM ELECTROLYTIC CAP.	C5	CAP-AE4-660X800N	Cap-AE4-6x8	1
1uF	SURFACE MOUNT CAPACITOR 12 06	C6, C7, C8	1206Cap	Cap-1206	3
MCCQ122	Fuse Block 30A 500V 1 Circuit Blade Through Hole	F1	Fuse-Mini-LP- MCCQ122	BladeFuse- MCCQ122	1
2mH	SQ1515 Common Mode Choke 2mH 10mH 20mH 30 mH	FL1	SQ1515 common	Inductor-Common- SQ1515	1
30W(HLK-30D24XX)	Isolator-DCDC-HLK- 30D24XX 24V DC to 24 DC 1.250A 24V DC to 15V DC 2A 24V DC to 12V DC 2.5A 24V DC to 5V DC 6A	ISO1	HLK-30D24XXC	Isolator-DCDC-HLK- 30D24XX	1
KF129-7.62		KF1	CONNECTOR-KF129- 7.62-2P	Connector-KF129- 7.62-2P	1
10uH	SMD Power Inductor CKST0603- 10uH	L1	CKST0603-10UH inductor	Inductor-SMD- CKST0603-10UH	1
Vin		LED1	0805LED	LED-SMD	1
Vout		LED2	0805LED	LED-SMD	1
10k		R1, R2	0805v2	Resistor-0805	2
Wago	2060 Series 2 Position 24-18 AWG 4 mm Pitch Long Body Pushbutton Terminal Block	X1	Connector-2060- 452/998-404	Connector-Wago- 2060-452	1
XT60PW-M20		XT1	AMASS_XT60PW- M20-SHORT	Connector-XT60- POWER	1
XT60		XT2	AMASS_XT60PW- F20-Short	Connector-XT60- POWER	1