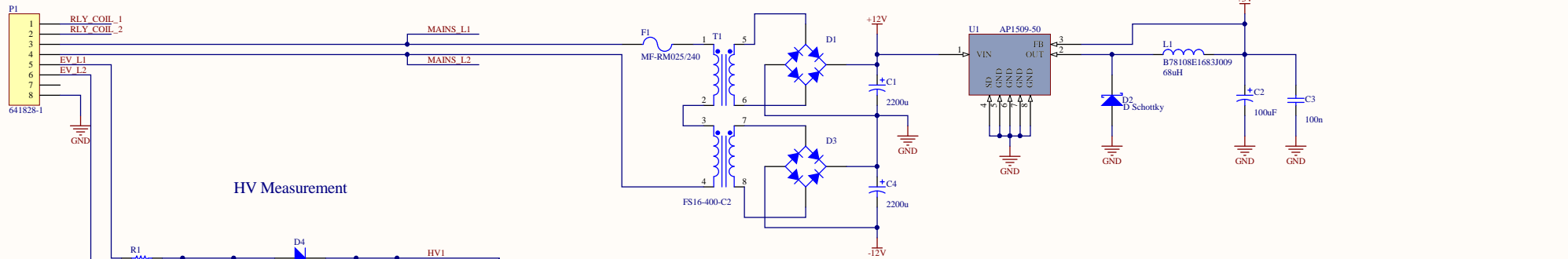
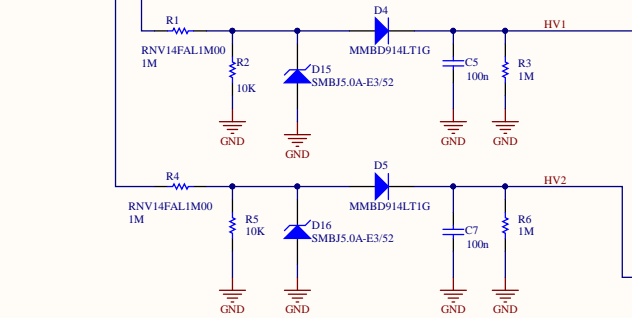


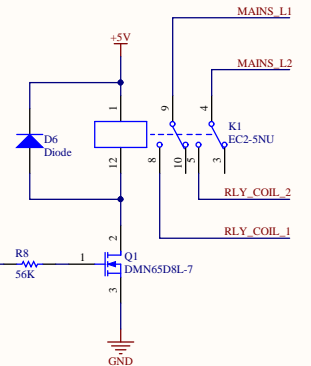
# Power supply



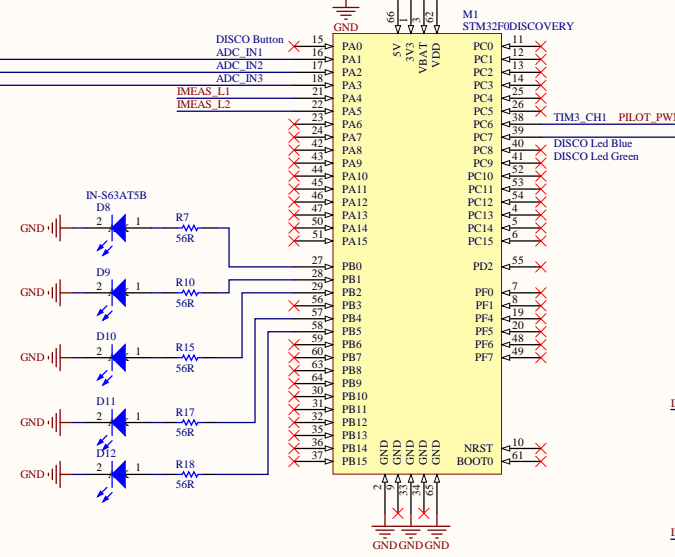
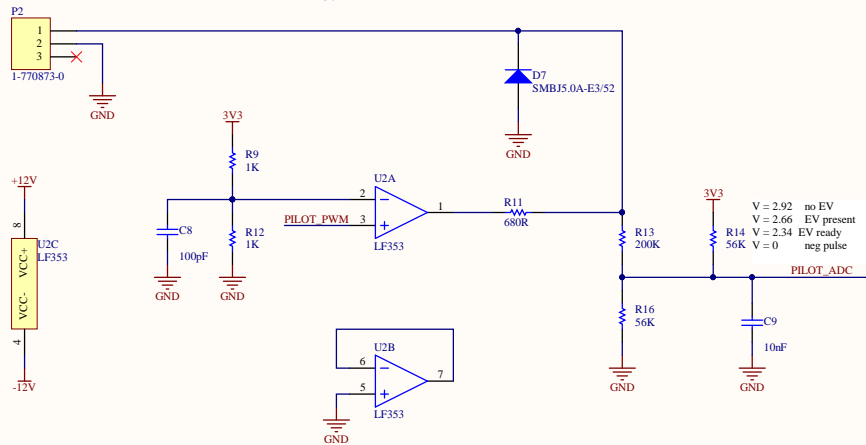
# HV Measurement



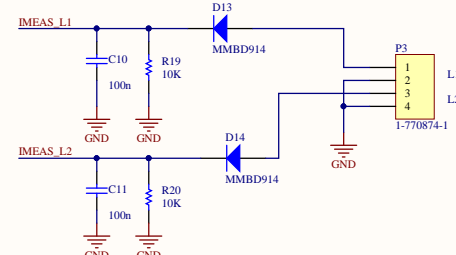
# Contactor



# Pilot



# Current measurement



Title EVSE Technolaf		
Size	Number	Revision
Tabloid		1.0
Date:	2019-11-24	Sheet 1 of 1
File:	C:\Users\...Top.SchDoc	Drawn By: Martin Lafleur

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Pol1	Polarized Capacitor (Radial)	C1	RB7.6-15	Cap Pol1	1
Cap Pol1	Polarized Capacitor (Radial)	C2	RB0.1	Cap Pol1	1
Cap	Capacitor	C3, C5, C6, C7, C8, C9, C10, C11	6-0805_M	Cap	8
2200u	Polarized Capacitor (Radial)	C4	RB7.6-15	Cap Pol1	1
Bridge1	Full Wave Diode Bridge	D1, D3	KBP06M	Bridge1	2
D Schottky	Schottky Diode	D2	AXIAL-0.6	D Schottky	1
MMBD914LT1G	Default Diode	D4, D5	SOT23_914	Diode	2
Diode	Default Diode	D6	SOT23_914	Diode	1
SMBJ5.0A-E3/52	Default Diode, Zener Diode, Zener Diode	D7, D15, D16	SMB	Diode, D Zener, D Zener	3
IN-S63AT5B	Typical INFRARED GaAs LED	D8	LED_T13/4	LED0	1
	Typical INFRARED GaAs LED	D9, D10, D11, D12	LED_T13/4	LED0	4
MMBD914	Default Diode	D13, D14	SOT23_914	Diode	2
MF-RM025/240	MF-RM025/240-2	F1	MF-RM025/240	Fuse 2	1
EC2-5NU	Dual-Pole Dual-Throw Relay	K1	EC2-5NU	Relay-DPDT	1
B78108E1683J009	Inductor	L1	AXIAL-0.6	Inductor	1
STM32F0DISCOVERY		M1	STM32F0DISCO	STM32F0DISCOVERY	1
641828-1	Header, 8-Pin	P1	641828-1	Header 8	1
1-770873-0	Header, 3-Pin	P2	MATENLOK_1X3	Header 3	1
1-770874-1	Header, 4-Pin	P3	MATENLOK_2X2	Header 4	1
DMN65D8L-7	N-Channel MOSFET	Q1	SOT23_914	MOSFET-N	1
RNV14FAL1M00	Resistor	R1, R4	AXIAL-0.6	Res1	2
Res1	Resistor	R2, R3, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	6-0805_M	Res1	18
FS16-400-C2		T1	FS16-400-C2	TRANSFO_2p2s	1
AP1509-50		U1	SO8_N	AP1509	1
LF353	IC OPAMP GP 700KHZ 8P	U2	SO8_N	LM358P	1