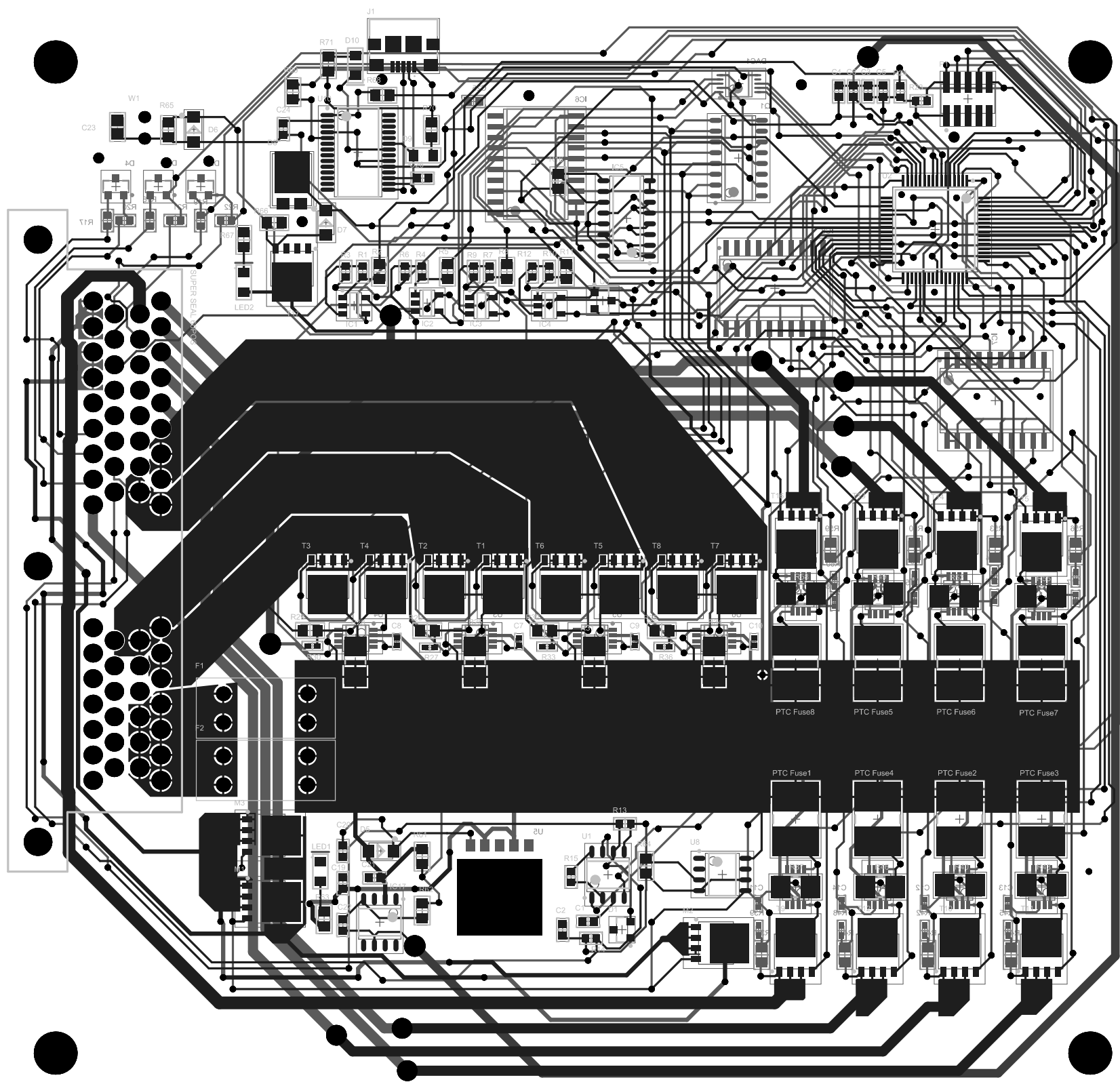


X1



Comment	Description	Designator	Footprint	LibRef	Quantity
Capacitor MLCC 0.10uF 50V CAP 0603/1608		C1	CAP 0603/1608	943	1
Capacitor MLCC 4700pF 50V CAP 0603/1608		C2	CAP 0603/1608	929	1
Capacitor MLCC 0.10uF 16V CAP 0603/1608		C3	CAP 0603/1608	223	1
Capacitor MLCC 0.10uF 25V CAP 0603/1608		C4, C6, C24, C25, C26	CAP 0603/1608	583	5
Capacitor MLCC 100pF 25V CAP 0603/1608		C5	CAP 0603/1608	529	1
Capacitor MLCC 220pF 16V CAP 0402/1005		C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18	CAP 0402/1005	57	12
Capacitor MLCC 0.10uF 16V CAP 0603/1608		C19, C20	CAP 0603/1608	235	2
Capacitor MLCC 2.2uF 16V CAP 0603/1608		C21, C22	CAP 0603/1608	231	2
Capacitor MLCC 4700pF 25V CAP 0805/2012		C23	CAP 0805/2012	689	1
MJ11106L.TIG	ESD Protection Diode	D1	SOT-23 (TO-236)	7	1
AZ31C4V7-1-F Dual Zenner Diodes	DIODE ZENER ARRAY 4.7V SOT23-3	D2, D3, D4	SOT23-3	14	3
DIODE	Diode Super Barrier 40V 1A Surface Mount SOD-123F, 100V Reverse DC Voltage	D5, D6	SOD123F	2, 4	2
DO29701-7	Zener Diode 14V 500mW ±5% Surface Mount SOD-123	D7	SOD123F	10	1
DIODE_2A1K		D8	TO-277	11	1
		D9, D10	0805_LED	2, 1	2
LED	10bit 4 channel DAC	DAC1	MSOP10 (RM-10)	25	1
Fuse		F1, F2	3568-MiniFuseHolder	3	2
Op-Amp LT1716		IC1, IC2, IC3, IC4	SOT23-5	4	4
MMPC3906 PNP General Purpose Amp		IC5	SOIC-16-NB	20	1
LT1615HWPBF MOSFET Driver		IC6, IC7, IC8	SO-20	16	3
LT6100HMS8PBF Current Sense Amp		IC9, IC10, IC11, IC12, IC13, IC14, IC15, IC16, U3, U4, U5, U6	MSOP-8	13	12
MAX6350CSA+ 5V	IC VREF SERIES 5V 8SOIC	IC17	SOIC-8	10	1
1981568-1	USB Micro Type B	J1	TECO-1981568-5, V	5	1
LED		LED1, LED2	0805_LED	2	2
PSMN2R2-25VLC 25V Logic Level MOSFET	N-Channel 25V 100A (Tc) 106W (Tc) Surface Mount LFPAK56, Power SO8	M1, M2, M3, T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, T14, T15, T16, T17	LFPAK-SO8	3	20
RCU-0C		DVP, G, PWR, JN, PWR, OUT, TEST_CANN1, TEST_CANN1, TEST_CANNRX1, TEST_CANTX1, TEST_USBD_N1, TEST_USBD_P1, UART_RX1, UART_TX1	RCU-0C	5	11
5103309-1	2 row connector	P1	HDR2X5_SMT	4	1
PTC Fuse	Fuse	PTC Fuse1, PTC Fuse2, PTC Fuse3, PTC Fuse4, PTC Fuse5, PTC Fuse6, PTC Fuse7, PTC Fuse8	PTC Fuse 2920/07351	6	8
MMPC3904		Q1	SOIC-16-NB	5	1
Resistor 10k 0603 1/10W 1%		R1, R4, R7, R10, R23	RES 0603/1608	313	5
Resistor 10k 0805 1/10W 1%		R2, R5, R8, R11, R16	RES 0805/2012	529	5
Resistor 3.0k 0603 1/10W 1%		R3, R6, R9, R12	RES 0603/1608	300	4
Resistor 62 0603 1/10W 5%		R13, R14	RES 0603/1608	1340	2
Resistor 100 0603 1/10W 10%		R15	RES 0603/1608	2293	1
Resistor 2.2k 0603 1/10W 1%		R17, R18, R19, R20, R21, R22	RES 0603/1608	297	6
Resistor 10k 0603 1/10W 5%		R24	RES 0603/1608	1393	1
Resistor .002 2010 1.5W 1%	Current Sense Resistor	R25, R28, R31, R34 R26, R29, R32, R35, R38, R41, R44, R47, R50, R53, R56, R59	RES 2010/5025	2702	4
Resistor 27k 0805 1/10W 10%		R27, R30, R33, R36, R39, R42, R45, R48, R51, R54, R57, R60	RES 0805/2012	2430	12
Resistor 10k 0402 1/10W 1%		R37, R40, R43, R46, R49, R52, R55, R58	RES 0402/1005	97	12
Resistor .02 2010 1W 1%	Current Sense Resistor		RES 2010/5025	2701	8
Resistor 99k 0805 1/10W 10%		R61	RES 0805/2012	2432	1
Resistor 10k 0805 1/4W 10%		R62	RES 0805/2012	2533	1
Resistor 1.0k 0805 1/10W 10%		R63	RES 0805/2012	2413	1
Resistance		R64	RES 0805/2012	2703	1
Resistor 100k 0805 1/10W 1%		R65	RES 0805/2012	553	1
Resistor 47k 0805 1/10W 1%		R66	RES 0805/2012	545	1
Resistor 470 0805 1/10W 1%		R67	RES 0805/2012	497	1
Resistor 1.0k 0805 1/4W 1%		R68, R69, R70, R71	RES 0805/2012	721	4
Resistor 100k 0805 1/2W 1%		R7	RES 0805/2012	985	1
MCP2561 CAN Transceiver		U1	SOIC-8	5	1
		U2	TOFP64	1	1
BA50DD0WHFP-TR Linear Voltage Regulators 5		U5	HRP5	6	1
LT1910	Protected High Side MOSFET Driver	U8	SOIC-8	18	1
MCP970x		U9	SOT23-3	23	1
FT232RL		U10	SSOP-28	5	1
Jumper	Jumper headers	W1	XGRT-0231	18	1
3-6437285-2	90 Degree	X1	SUPERSEAL 60POS 90Deg	3	1