PINUS — schematic diagram

Comment	Description	Designator	Footprint	LibRef	Quantity
1u_10V		C1, C2, C3, C4, C5, C6	1608[0603]	Cap_133	6
Cap_cer_100n_50V		C7	1608[0603]	Cap_124	1
BAT54-02V	Silicon Schottky Diode, SC79, Reel, Green	D1, D2, D3	INF-SC79_V	BAT54-02V	3
LED_SMD_gruen		D4	LED_SMD	DIODE_50	1
LED_SMD_rot		D5	LED_SMD	DIODE_54	1
BSC0925ND	N-Channel OptiMOS Power-MOSFET, 30 V VDS, 40 A ID, -55 to 150 degC, PG-TISON-8, Reel, Green	Q1, Q2, Q3	INF-PG-TISON-8_V	BSC0925ND	3
Res_0603		R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23	1608[0603]	Res_6	23
IR2301S	High and Low Side Driver	U1, U2, U3	SO-8_N	IR2101S	3
XMC1302-Q040X0128 AA	32 MHz XMC1300 MCU with 128 KByte Program Memory, 16 KByte SRAM, 3.3 V, 5 V, -40 to 105 degC, PG-VQFN-40, Reel, Green	U4	INF-PG-VQFN-40-13_V	XMC1302-Q040X0128 AA	1
Header 4X2	Header, 4-Pin, Dual row	X1	HDR2X4	Header 4X2	1
Header 3X2	Header, 3-Pin, Dual row	X2	HDR2X3	Header 3X2	1
Header 5X2	Header, 5-Pin, Dual row	X3	HDR2X5	Header 5X2	1