Comment	Description	Designator	Footprint	LibRef	Quantity
Breakout Pin 0603	0603 breakout pad	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24	BreakoutPin 0603	Breakout Pin 0603	2
TL3305AF260QG	Tactile Switch SPST- NO Top Actuated Surface Mount	BOOT1, RESET1	SW_TL3305AF260QG	SWPUSHTACT NO SMD	:
0.1uF50V	Default Symbol for Capacitors	C1, C4, C9	0805	CAP10uF50V	
10uF50V	Default Symbol for	C2, C3, C5, C6, C7,	0805	CAP10uF50V	
33nF50V	Capacitors Default Symbol for	C8 C10	0805	CAP33nF50V	
	Capacitors CAPCER2.2UF35V				
2.2uF	X7R0603/0805	C11, C12	0805	CAP2.2uF35V	
0.10uF	Default Symbol for Capacitors	C13, C15, C24, C25	0805	CAP0.1uF50V	
0.10uF	CAP CER 0.10UF 35V X7R 0603	C14	0603	CAP0.10uF35V	
4.7uF	CAP CER 4.7UF 35V X7R 0603/0805	C16	0805	CAP4.7uF35V	
1.0uF	CAPCER1.0UF16V	C17, C18, C19, C20,	0805	CAP1.0uF16V	
1.001	X5R0603/0805 Zener Diode 12 V 1 W	C21, C22, C23		G 7 1.0d. 107	
SMAZ12-13-F	±5% Surface Mount SMA	D1	SMA_DIO-L	DIODE ZENER 12V 1W	
	LED;Red;11mcd;0.061				
	In.Dia.;SMD;100mA;2 V				
SML-LXT0605IW-TR	Vf;635nm;140deg;SM D;White Diffused;5V Vr Lumex SML- LXT0805IW-TR	D2, D3, D6, D7, D6, D9	LEDC2012X120N	SML-LXT0805IW-TR	,
SM5817PL-TP	Diode Schottky 20V 1A Surface Mount SOD-123FL	D4, D6	SOD-123	DIODE SCHOTTKY 20V 1A	:
Fuse 10A 1206	FUSE 10A 32V AC 63V	F1	1206	FUSE 10A 63V SLOW	
S5B-PH-K-S(LF)(SN)	DC 1206 Connector Header Through Hole, Right Angle 5 position 0.079	J1, J2, J4, J5, J6, J7, J8, J9	JST_SSB-PH-K- S(LF)(SN)	SSB-PH-K-S(LF)(SN)	
	(2.00mm) 40 Position Header	_	CN HDR40POS0.1		
CN HDR 40POS	Connector Connector Header	ß	TH	CN HDR40POS	
S2B-PH-K-S(LF)(SN)	Through Hole, Right Angle 2 position	J10, J11, J12	JST_S2B-PH-K- S(LF)(SN)	S2B-PH-K-S(LF)(SN)	:
61300411121	Connector Header Through Hole 4 position 0.100 (2.54mm)	J13	WURTH_61300411121	61300411121	
PA4342.332NLT	Inductor Power Shielded/Molded Wirewound 3.3uH 20%100KHz 11A 11.8mOhm DCR4040 T/R	L1	IND_PA4342.332NLT	PA4342.332NLT	
XT60	XT60 CONNECTORS	PI	Amass_XT60PW-M	XT60 Connector	
	P-Channel 40 V 85A				
IPD65P04P4-07	(Tc) 88W (Tc) Surface Mount PG-TO252-3- 313	Q1, Q2	DPAK (TO-252)	MOSFET IPD85P04P4- 07	:
TN2130K1-G	N-Channel 300 V 85mA (Tj) 360mW (Tc) Surface Mount TO- 236AB (SOT23)	Q3, Q4, Q5, Q6	SOT95P237X112-3N	MOSFETN-CH TN2130K1-G	
100k	Default Resistor Symbol	R1, R2	0805	RES 100k 1/8W - 1%	:
0	Default Resistor	R3, R4, R5, R25	0805	RES 0 JUMPER 0603	
53.6k	Symbol Default Resistor	R6	0805	RES 56.2k 1/10W	
	Symbol Default Resistor	-			
10.2k	Symbol RESSMD 47K OHM	R7	0805	RES 10.2k 1/8W	
47k	1%1/8W0603	R8	0805	RES 47k 1/8W - 1%	
150	Default Resistor Symbol	R9, R14, R16, R18, R20	0805	RES 150.0 1/8W	
1k	Default Resistor Symbol	R10	0805	RES 1.1k 1/8W	
10k	RESSMD 10KOHM	R11, R12	0805	RES 10k 1/8W - 1%	
	1%1/8W0603 RESSMD1KOHM1%		0603		
1k	1/8W 0603 RES SMD 10K OHM	R13, R15		RES 1k 1/8W	
10k	5% 1/8W 0603	R17, R23	0603	RES 10k 1/8W - 5%	
YC248-JR-070RL	No Description Available	R19, R24	RES_YC248_4X1P6_YA G-M	YC248-JR-070RL	
4.7k	Default Resistor Symbol	R21, R22	0805	RES 4.7k 1/8W - 1%	
SWS IDE SWA	Slide Switch SPDT	64	awa ibe awa	OWO IDE CAME	
SWSLIDE SMALL	Surface Mount, Right Angle		SWSLIDESWALL	SWSLIDE SWALL	
SN74LVC4245APWR	24-TSSOP-40 ~ 85 No Description	U		SN74LVC4245APWR	
TP962933ODRLR	Available	U1	SOT5X3-8_DRL_TEX	TPS62933ODRLR	
		U2	SOIC127P599X175-8N	NE555DR	
NE555DR					
NE555DR A4988_STEPPER_MOT OR_DRIVER_CARRIER		us	MODULE_A4988_STEP PER_MOTOR_DRIVER_ CARRIER PQRN50P700X700X10	A4988_STEPPER_MOT OR_DRIVER_CARRIER	









