

Quantity	Comment	Footprint	Description	Designator
2	10uF	C0603	CAP, MLCC, -F, -V, MATERIAL, -%, 0201	C28, C31
2	22uF	C0603	CAP, MLCC, -F, -V, MATERIAL, -%, 0201	C2, C7
10	100nF	C0603	CAP, MLCC, -F, -V, MATERIAL, -%, 0201	C1, C3, C4, C5, C6, C23, C24, C27, C29, C30
2	470uF	C_EL_8	CAP, THD, ELEC,	C25, C26
1	LM2596HVS	D2PAK_5		U5
1	1N5822	D_SMA	DIODE, SCHOTTKY, 40V, 3A	D8
2	1N4148	D_SOD80	DIODE, FAST SWTICHING, 0.2A	D6, D7
1	HDRF4	HDRR_F_1X4	CONN, HEADER, Female, pitch: 2.54mm, 4POS	J6
1	3.3uH	L_7	INDUCTOR, 3.3uH, 8A (Irms), 10mOhm	LP2
1	LED805BLU	LED0805BLU	LED, SMD, 0805, BLUE	D10
3	CONN_TB2	MSTB_2	CONN, PHOENIX MSTB, 5-G, 5.08mm pitch	J5, J7, J9
2	CONN_TB4	MSTB_4	CONN, PHOENIX MSTB, 5-G, 5.08mm pitch	J1, J3
1	STM32F051C8T6T R	QFG50_48	No Description Available	U1
1	120R	R0603	RESISTOR, SMD	R2
5	10K	R0603	RESISTOR, SMD	R1, R3, R9, R22, R23
10	2.2K	R0603	RESISTOR, SMD	R4, R5, R6, R7, R8, R10, R11, R12, R18, R19
1	SP3485	SO_8	RS-485 Transceiver, 3.3V	U2
1	AMS1117	SOT223_4		U6
1	PUSHBUTTON	SWPBS_SPST_6X3 X2	SWITCH, PUSH BUTTON, TACTILE, SMD, SPST, 6X3.5X2.5mm	SW1
1	XTL_8MHz	XTL_2_11X5	Crystal MOST POPULAR ABL HC49 PACKAGE	X1