

Comment	Description	Designator	Footprint	LibRef	Quantity
15pF	Capacitor	C1, C2, C3, C4	0603C	CAP	4
1000P	Capacitor	C5, C6, C7, C8, C11, C12, C13, C14, C16, C25, C26, C35, C40, C41, C42, C43, C44, C45, C46, C48, C49, C50, C52, C54, C55, C57, C58, C59, C60, C61, C62, C63, C65, C66, C67, C68, C69, C70, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93	0603C	Cap	60
0.1uF	Capacitor	C9	0603C	CAP	1
0.01u	Capacitor	C10, C15	0603C	Cap	2
0.1u	Capacitor	C17, C18, C19, C20, C21, C22, C23, C24, C27, C28, C29, C30, C31, C32, C33, C34, C36, C37, C38, C39, C47, C51, C53, C56, C64, C71	0603C	Cap	26
MMBD7000	BAT54S	D1, D2, D3, D4, D6	sol23	BAT54S	5
A4		D5	SOT23	A4	1
1N4148	High Conductance Fast Diode	D7, D8, D9	DO-35	Diode 1N4148	3
		J1	hd20	HEADER 10X2	1
不焊	Jumper	J2	SIP2	JUMPER	1
Header 5X2	Header, 5-Pin, Dual row	J3	HDR2X5	Header 5X2	1
DB25 7L	Receptacle Assembly, 25 Position, Right Angle	J4	DSUB1.385-2H25A	D Connector 25	1
7L	Receptacle Assembly, 9 Position, Right Angle	J5	DSUB1.385-2H9	D Connector 9	1
LQH31CN101K03L	Inductor	L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53	1206	Inductor	54
Header 10H	Header, 10-Pin, Right Angle	P1	HDR1X10H	Header 10H	1
Header 2H	Header, 2-Pin, Right Angle	P2, P4, P6, P8, P10, P12	HDR1X2H	Header 2H	6
SMA	RF Coaxial PLB Connector, MMCK Thru-Hole, Vertical Mount Plug, 50 Ohm Impedance	P3	MMCKX2.54-V5	COAX-M	1
Header 12H	Header, 12-Pin, Right Angle	P5	HDR1X12H	Header 12H	1
Header 3H	Header, 3-Pin, Right Angle	P7	HDR1X3H	Header 3H	1
Header 7H	Header, 7-Pin, Right Angle	P9	HDR1X7H	Header 7H	1
2mm间距	Header, 6-Pin, Dual row	P11	HDR2X6	Header 6X2	1
Header 8H	Header, 8-Pin, Right Angle	P13, P14	HDR1X8H	Header 8H	2
Header 4H	Header, 4-Pin, Right Angle	P15	HDR1X4H	Header 4H	1
CJU01N60		Q1, Q2, Q3, Q4, Q5, Q6	TO229P1010X238-3N	MOSFET N	6
9013	NPN Bipolar Transistor	Q7	TO-226-AA	NPN	1
4.7K	Resistor, (NoValue), (NoValue) Resistor	R1, R4, R5, R9	0603	Res2	4
390R		R2	0603	RES2	1
1.5K %1	Resistor	R3	0603	Res2	1
1K 1%	Resistor	R6	0603	Res2	1
330R	Resistor	R7	0603	Res2	1
33R	Resistor	R8	0603	Res2	1
1K	Isolated Resistor Network	R10	SSOP16_N	Res Pack4	1
2K	Resistor	R11, R12, R15	0603	Res2	3
220R	Resistor	R13, R14	0603	Res2	2
STM32F103RCT6		U1	LQFP64	STM32F103R4	1
ULN2003L	High-Voltage, High-Current Darlington Array	U2, U8	L16_N	ULN2003L	2
EPM240T100C5N	MAX II 3.3/2.5V CPLD, 80 Kx, 240 Logic Elements, 100-Pin Plastic TQFP, Commercial Temperature, Speed Grade 5, Pb-Free	U3	TQFP100_N	EPM240T100C5N	1
25AA02E48-I/SN	2K SPI Bus Serial EEPROM with EU1-48 Node Identity, 8-Pin SOIC, Industrial Temperature	U4	SOIC-SN8_N	25AA02E48-I/SN	1
LM1117-3.3	Voltage Regulator	U5	D2PAK_N	Volt Reg	1
MAX3232CUE	3.0V TO 5.5V, Low-Power up to 1Mbps, True RS-232 Transceiver Using Four 0.1 External Capacitor	U6, U7	TSSOP16_N	MAX3232CUE	2
32.768KHz	Crystal	XT1	XTAL	CRYSTAL	1
8MHz	Crystal	XT2	XTAL	CRYSTAL	1