



Comment	Description	Designator	Footprint	LibRef	Quantity
Header 10	Header, 10-Pin	8-Bit I/O_1, 8-Bit I/O_2	SIP10_LyingMother	Header 10	2
Header 10X2		16-Bit I/O	SIP10_LyingMotherX2	Header 10X2	1
Header 18X2		32Bit I/O	SIP18_LyingMotherX2	Header 18X2	1
Header 16	Header, 16-Pin	1602	SIP16	Header 16	1
AMS1117-3.3		AMS-3.3	SOT-223	AMS1117	1
Buzzer		Buzzer	BUZZER2	Buzzer	1
PNP		Buzzer.pnp	SOT-23	PNP	1
1K	Resistor	Buzzer.R2	0603	Res1	1
10UF	Capacitor	C1, C4	ws_3225_1	Cap2	2
104	Capacitor	C2, C3, C_V3_1, C_V3_2, C_V3_3, C_V3_4, C_V3_5, C_V3_6, C_V3_7, C_V3_8, C_V3_9, C_V3_10, C_V3_11, C_V3_12, C_V3_13, C_V3_14, C_V3_15, C_V3_114, RST.C	0603	Cap	19
EPM1270T144		EPM1270T144C5N_1	TQFP144	EPM1270T144	1
SMD110-1812		FUSE	SMD-1812	SMD050-1812	1
Header 16X2	Header, 16-Pin, Dual row	IO_B0, IO_B1, IO_B2, IO_B3	DIP16X2	Header 16X2	4
Joystick		Joystick	Joystick	Joystick	1
JTAG		JTAG	ISP_10	JTAG	1
Header 4X2		Jump	Header 4X2	Header 4X2	1
LED_0805		Led1, Led2, Led3, Led4, PWR LED	0805_LED	LED_0805	5
2K	Resistor	Led-R1, Led-R2, Led-R3, Led-R4	0603	Res1	4
Header 3	Header, 3-Pin	ONE_WIRE	SIP3	Header 3	1
50MHz		Osc1	oscillators750	oscillators750	1
XHz		Osc2	oscillators750	oscillators750	1
Header 2	Header, 2-Pin	P?	SIP2	Header 2	1
5V	Power5	Power5	PWR_5V	Power5	1
10K	Resistor	R1, R3, RSET.R	0603	Res1	3
4.7k	Resistor	R5	0603	Res1	1
4.75K	Resistor	R12	0603	Res1	1
KEY2		RST.KEY	KEY_2	KEY2	1
Switch		S1	SWITCH2-1	switch2-1	1
SMBJ5.0A	SMBJ5.0A	SMBJ5.0A	SMBJ	SMBJ5.0A	1