



POWER Header 2-Pr BAT	Comment	Description	Designator	Footprint	LibRef	Quantity
	POWER	Header, 2-Pin	BAT	HDR1X2	Header 2	1
19F	22pF		C1, C2	C 0603_L	С	2
100mF	6pF		C3, C4	C 0603_L	С	2
4.7uF	1uF		C5, C6	C 0603_L	С	2
4.7uF	100nF		C7, C9, C58	C 0603_L	С	3
C10, C11, C12, C13, C14, C15, C16, C17, C18, C16, C17, C18, C16, C17, C18, C19, C20, C21, C22, C23, C24, C24, C23, C24, C23, C24, C24, C24, C24, C24, C24, C24, C24	4.7uF		C57, C59, C61, C63, C64, C66,	C 0603_L	С	12
C75, C77, C79	104		C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C56, C60, C62, C64, C76, C76, C76, C76, C78, C78, C78, C78, C78, C78, C78, C78	C 0603_L	С	52
10UF	47uF			C 0805_L	С	6
22	10uF			C 0603 L	С	2
223				_		
10						
TN4148				_		
SS34	1N4148					
RJ45 FPC-40P-0.5mm					_	
RGBLCD FPC-40P-0.5mm IO, IO2, J3 FPC-TOP40 FPC-40 3 Header6 Header, 3-Pin, Dual row ID						
Header6		EDC 40D 0 5mm				
Beatler	RGBLCD				FFC-40	3
BUTTON_DIP3	Header6		JTAG	HDR2.54-LI-6P	Header 3X2	1
TuH L1, L2, L3 NR3015 L 3 220R, 2,0A,0,05DC R L4 L 0603 L 1 USB_ID Header, 3-Pin P1 HDR2,54-Li-3P Header 3 1 Header 4 Header, 3-Pin P5 HDR2,54-Li-3P Header 3 1 LAN8720A ETH PHY PHY QFN24 4M_N LAN8720 1 1M R1, R59 R 0603_L R 2 0R R2, R4 R 0603_L R 2 10K R3, R8, R9, R10, R11, R12, R15, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R51, R57, R58 R 0603_L R 20 12.1K R5, R6, R51, R57, R58 R 0603_L R 2 2 12.1K R5, R6, R51, R57, R58 R 0603_L R 2 2 12.1K R5, R6, R51, R57, R58 R 0603_L R 2 2 100K R13, R14 R 0603_L R 2 2 22K R16, R27 R 0603_L R 2 2 <t< td=""><td>BUTTON_DIP3</td><td></td><td>K1</td><td>BTN8.8*4.6</td><td>BUTTON_DIP3</td><td>1</td></t<>	BUTTON_DIP3		K1	BTN8.8*4.6	BUTTON_DIP3	1
L4	1uH		L1, L2, L3	NR3015	L	3
Name	220R,2.0A,0.05DC					4
Header 4	R		L4	L 0003	L	1
UARTO Header, 3-Pin P5 HDR2.54-Li3P Header 3 1 1 LAN8720A ETH PHY PHY QFN24 444 N LAN8720 1 1 1	USB_ID	Header, 3-Pin	P1	HDR2.54-LI-3P	Header 3	
LAN8720A ETH PHY	Header 4	Header, 4-Pin	P2, P3	HDR2.54-LI-4P	Header 4	2
TIM R1, R59 R 0603_L R 2 2 0R 2 R3, R8, R9, R10, R11, R12, R15, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R51, R67, R58 R58 R58, R51, R67, R58 R58 R58, R51, R57 R58 R58 R59, R54 R59, R54 R59	UART0	Header, 3-Pin	P5	HDR2.54-LI-3P	Header 3	1
R R2, R4 R 0603_L R 0603_L R 22 R3, R8, R9, R10, R11, R12, R15, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R51, R67, R58 R6, R52 R 0603_L R 22 R23, R24, R25, R26, R51, R67, R58 R52 R 0603_L R 22 R24, R25, R26, R51, R67, R58 R52 R 0603_L R 22 R26, R51, R57, R58 R52 R 0603_L R 22 R26, R51, R57, R58 R52 R 0603_L R 22 R54, R52, R54, R55, R54, R55, R54, R55, R55, R55	LAN8720A	ETH PHY	PHY	QFN24 4x4_N	LAN8720	1
R3, R8, R9, R10, R11, R12, R15, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R51, R57, R58 12.1K R5, R6, R52 R 0603_L R 2 10R R13, R14 R 0603_L R 2 22K R16, R27 R 0603_L R 2 20K R28, R30, R31, R 0603_L R 3 200K R34 R 0603_L R 3 4	1M		R1, R59	R 0603_L	R	2
R11, R12, R15, R17, R18, R19, R20, R21, R20, R21, R22, R23, R24, R25, R26, R51, R67, R58 R6, R52 R 0603_L R 22	0R		R2, R4	R 0603_L	R	2
12.1K R5, R6, R52 R 0603_L R 3 10R R13, R14 R 0603_L R 2 22K R16, R27 R 0603_L R 2 2 R 76, R27 R 0603_L R 2 2 R 76, R27 R 0603_L R 2 2 R 76, R28, R30, R31, R 0603_L R 3 2 R 8 R34 R 0603_L R 3 2 R 8 R34 R 0603_L R 3 4 R 8 R34 R 0603_L R 3 4 R 8 R34 R 8 R 8 R 8 R 8 R 8 R 8 R 8 R 8 R 8 R	10K		R11, R12, R15, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R51, R57,	R 0603_L	R	20
10R R13, R14 R 0603_L R 2 22K R16, R27 R 0603_L R 2 22K R16, R27 R 0603_L R 2 25K R28, R30, R31, R33 R0603_L R 4 200K R34 R 0603_L R 1 47K R35, R36, R37, R38, R39 R 0603_L R 1 47K R35, R36, R37, R38, R39 R 0603_L R 3 49.9R R50, R60, R61 R 0603_L R 3 49.9R R53, R54, R55, R54, R55, R56 KEY_M RESET TSW DIP-6*6*5 KEY_M 1 5D-MICRO-TF SD_MICRO,TF TF_CARD SD_MICRO-TF SD_MICRO-TF 1 1 W250256 W250128 U2 SOP8W_N W250128 1 W250256 W250128 U2 SOP8W_N W250128 1 MT29F4G08 256MB NAND FLASH U3 TSOP48 K9F2G08U0C 1 MT29F4G08 USB2UART U5 SOP16_N CH340G 1 MP2144 U6, U7, U8 SOT23-8L MP2144 3 USB_AB MICROUSB USB, USB_DEBUG USB_MICRO_E USB_AB 2 25Mhz 3225Mb + 无滅而振振 Y1 OSC 3225-4P XTAL_ 3225 1 1 12Mhz 3225Mb + 无滅而振振 Y2 OSC 3215-2P XTAL 1 1	12.1K			R 0603_L	R	3
22K				_		2
100K R28, R30, R31, R 0603_L R 4 4 200K R34 R 6003_L R 1	22K			R 0603_L	R	2
R34	100K		R28, R30, R31,	R 0603 L	R	4
47K R35, R36, R37, R 0603_L R 55 510R R50, R80, R81 R 0603_L R 33 49.9R R50, R80, R81 R 0603_L R 33 49.9R R53, R54, R55, R 0603_L R 4 510R RESET TSW DIP-6'6'5 KEY_M 1 510R RESET TSW DIP-6'6'5 KEY_M 1 520-MICRO-TF SD-MICRO-TF 1 520-MICRO-TF SD-MICRO-TF 1 520-MICRO-TF SD-MICRO-TF 1 520-MICRO-TF SD-MICRO-TF 1 520-MICRO-TF 1 520-MICRO-T						
R	ZUUK			K 0603_L	к	1
S50,R80,R81 R 0603_L R 3	47K			R 0603_L	R	5
49.9R RS3, R54, R55. R 0603_L R 4 4 KEY_M RESET TSW DIP-6'6'5 KEY_M 1 1 SD-MICRO-TF SD,MICRO,TF TF_CARD SD-MICRO-TF SD-MICRO-TF 1 1 mue972 U1 LDFP_216 LQFP_216 1 1 W250256 W250256 W2502128 U2 SOP8W_N W250128 1 1 MT29F4G08 PLASH U3 TSOP48 K9F2G08U0C 1 1 CH340G USB2UART U5 SOP16_N CH340G 1 1 W2144 U6, U7, U8 SOT23-8L MP2144 3 USB-AB MICRO-TB U5B, U5B, U5B_DEBUG USB-MICRO_B USB-AB 2 2 MT2-TB U5B, U5B_DEBUG USB-MICRO_B U5B-AB 2 2 MT2-TB U5B-MICRO_B U5B-AB 2 2 MT3-TB U5B-MICRO_B U5B-MICRO_B U5B-AB 2 2 MT3-TB U5B-MICRO_B U5B-M	510R			R 0603_L	R	3
KEY_M RESET TSW DIP-6'6'5 KEY_M 1	49 9R		R53, R54, R55,	R 0603 I	R	4
SD-MICRO-TF SD-MICRO,TF TF_CARD SD-MICRO-TF SD-MICRO-TF Truc972 U1				_		
muc972 U1 LOFP_216 LOFP_216 1 W25Q256 W25Q128 U2 SOP8W_N W25Q128 1 MT29F4G08 256MB NAND FLASH U3 TSOP48 K9F2G08U0C 1 CH340G USB2UART U5 SOP16_N CH340G 1 MP2144 U6, U7, U8 SOT23-8L MP2144 3 USB-AB MIcroUSB USB, USB_DEBUG USB-MICRO_B USB-AB 2 25Mhz 3225kirj + Tiwalik Y1 OSC 3225-4P XTAL_3225 1 12Mhz 3225kirj + Tiwalik Y2 OSC 3225-4P XTAL 1 12Mhz 3225kirj + Tiwalik Y3 OSC 3225-4P XTAL_3225 1		00 14000 ===				
W25Q256 W25Q128 U2 SOP8W_N W25Q128 1		SD,MICKO,TF	_			
MT29F4G08		MOLOTOTO				
SUP48 RSP-208UUC 1 CH340G						
MP2144 U6, U7, U8 SOT23-8L MP2144 3 USB-AB MicroUSB USB, USB_DEBUG USB-MICRO_B USB-AB 2 25Mhz 3225贴片无源品版 Y1 OSC 3225-4P XTAL_3225 1 12Mhz 3225贴片无源品版 Y2 OSC 3215-2P XTAL 1 12Mhz 3225贴片无源品版 Y3 OSC 3225-4P XTAL_3225 1		FLASH				
USB-AB MicroUSB USB, USB_DEBUG USB-MICRO_B USB-AB 2 25Mhz 3225kif 无源晶振 Y1 OSC 32254P XTAL_3225 1 32.768KHz 普通晶振 Y2 OSC 3215-2P XTAL 1 12Mhz 3225kif 无源晶振 Y3 OSC 3225-4P XTAL_3225 1	CH340G	USB2UART	U5	SOP16_N	CH340G	
25Mhz 3225贴片无源晶振 Y1 OSC 32254P XTAL_3225 1 32.768KHz 普通晶振 Y2 OSC 3215-2P XTAL 1 12Mhz 3225贴片无源晶振 Y3 OSC 32254P XTAL_3225 1	MP2144		U6, U7, U8	SOT23-8L	MP2144	3
32.768KHz 普通晶板 Y2 OSC 3215-2P XTAL 1 12Mhz 3225贴片无源晶板 Y3 OSC 3225-4P XTAL_3225 1	USB-AB	MicroUSB	USB, USB_DEBUG		USB-AB	2
32.768KHz 普通晶振 Y2 OSC 3215-2P XTAL 1 12Mhz 3225kh 未添品振 Y3 OSC 3225-4P XTAL_3225 1	25Mhz	3225贴片无源晶振	Y1	OSC 3225-4P	XTAL_3225	1
12Mhz 3225贴片无源晶振 Y3 OSC 3225-4P XTAL_3225 1	32.768KHz		Y2	OSC 3215-2P	XTAL	1
25MHz Crystal Oscillator Y5 OSC HC-49S XTAL 1	12Mhz	3225贴片无源晶振	Y3	OSC 3225-4P	XTAL_3225	1
	25MHz	Crystal Oscillator	Y5	OSC HC-49S	XTAL	1