





































Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	Header, 2-Pin	1V0, 1V8, 3V3, 5V	HDR1X2	Header 2	7
PUSHBUTTON	SWITCH, PUSH BUTT	BTN0, BTN1, USB	SWPBS_SPST_6X	SWPBS_SPST_6X	3
100uF		C1, C12, C19, C20	1206_C	1206_10uF_(106)_10	7
4.7uF		C2, C3, C10, C13	0805_C	0805_4.7uF_(475)_1	11
470nF		C4, C5, C6, C7, C9	0402_C	0402_470nF_(474)_1	23
100nF		C8, C45, C47, C48	1206_C	1206_100nF_(104)_1	22
47uF		C11, C26	1206_C	1206_10uF_(106)_10	2
10uF		C42, C82	0603_C	0603_10uF_(106)_10	2
NC		C43, C46, C72, C7	0402_C	0402_470nF_(474)_1	6
22uF		C51, C53, C59	0805_C	0805_22uF_(226)_20	3
3.3nF		C54, C56, C62	0805_C	0805_3.3nF_(332)_1	3
10uF		C55, C57, C60, C6	1206_C	1206_10uF_(106)_10	4
1nF		C61, C80, C81, C8	0805_C	0805_1nF_(102)_10	4
20pF		C86, C87	0805_C	0805_20pF_(200)_5	2
Green		D1, D2, LED0, LED	0805_LED_S1	0805	6
SMAJ5.0CA	TVS	D3, D4, D5	SMA(DO-214AC)	SMA(DO-214AC) S	3
NC	TVS	D10	SMA(DO-214AC)	SMA(DO-214AC) S	1
120Ω@100MHz		FB1, FB2, FB3	0805_L	0805_600Ω_25%_10	3
HDMI_A	CONN, HDMI, Rec	HDMI_A	CONN_HDMI_A		1
DC_POWER_JAC	CONN, PWR JACK	J1	JAC_PWR2MM	CONN_PWR_JAC	1
SDCARD	SD MICRO exist in J2	J2	SDMICRO_AT	SOCKET_SDMICR	1
HDRF6	CONN, HEADER, J3, J4	J3, J4	HDR_F_1X6	HDR_F_1X6	2
#NAME?	Header, 10-Pin	J_FT_AC, J_FT_AI	HDR1X10	Header 10	2
#NAME?	Header, 4-Pin	J_FT_PWR	HDR1X4	Header 4	1
JTAG Header	Header, 7-Pin, Dual	JTAG_STD	HDR2X7	Header 7X2	1
252012CDMCD52	Inductor	L1, L2, L3	INDPM2520X120N	252012CDMCD52	3
Header 6X2	Header, 6-Pin, Dual	PMOD1, PMOD2	HDR2X6	Header 6X2	3
Header 10X2	Header, 10-Pin, Dual	PMOD4+	HDR2X10	Header 10X2	1
TLV62130RGTR	Power Supply	PS1, PS2, PS3	QFN50P300X300X	TLV62130RGTR	3
PWR SEL	Header, 3-Pin	PWR_SEL	HDR1X3	Header 3	1
33Ω		R1, R55, R59	0603_R	0603_33Ω_(33R0)_1	3
100KΩ		R2, R3, R4, R31, R	1206_R	1206_100KΩ_(1003)	9
4.7KΩ		R5, R9, R16, R17,	1206_R	1206_4.7KΩ_(4701)	6
330Ω		R6, R12, R32, R35	0805_R	0805_330Ω_(3300)	8
20KΩ		R7, R8, R10, R11,	0805_R	0805_20KΩ_(2002)	8
47Ω		R13, R67, R79, R8	0805_R	0805_47Ω_(47R0)_1	10
1KΩ		R15, R20, R23	1206_R	1206_1KΩ_(1001)_1	3
22Ω		R21, R24, R25, R2	1206_R	1206_22Ω_(22R0)_1	7
10KΩ		R28, R29, R33, R3	1206_R	1206_10KΩ_(1002)	13
4.99KΩ		R34	0805_R	0805_4.99KΩ_(499)	1
56.2KΩ	56.2k	R36	0805_R	0805_56KΩ_(5602)	1
18KΩ		R38	0805_R	0805_18KΩ_(1802)	1
1MΩ		R40, R49, R89	0805_R	0805_1MΩ_(1004)_1	3
18.7KΩ	18.7k	R41	0805_R	0805_18KΩ_(1802)	1
0Ω NC		R42, R43, R45, R4	0805_R	0805_0Ω_(0R0)_1%	4
15KΩ		R44	0805_R	0805_15KΩ_(1502)	1
0Ω NC		R50, R51, R52, R5	0603_R	0603_0Ω_(0R0)_1%	8
NC		R87, R88	0805_R	0805_1MΩ_(1004)_1	2
SlideSwitch	SWITCH, SLIDE, S	SW0, SW1, SW_P	SWSLIDT_SPDT_S	SWSLIDT_SPDT_S	3
XC7Z010-1CLG40	667 MHz Zynq700	U1	CLG400	XC7Z010-1CLG400	1
W25Q128JVS1QTR	Flash ROM	U2	SOIC-8_208mil	W25Q128JVS1QTR	1
SGM706-SYS8	MCU Supervisor	U3	SOIC-8_150mil	EEPROM/AT24C29	1
ESP-PSRAM-64H	PSRAM, 150mil SO	U4, U5, U6, U7, U8	SOIC-8_150mil	EEPROM/AT24C29	8
CH330N	PSRAM, 150mil SO	U12	SOIC-8_150mil	EEPROM/AT24C29	1
CH375B	USB	U13	SOIC-28_300mil	CH376S_[C14166]	1
USB A 2.0 x2	Connector	USB_PS2	672983090	672983090	1
CONN_USB_MICR	CONN, USB, MICR	USB_UART	USB_MICRO_B_B	CONN_USB_MICR	1
40MHz	CRYSTAL 40.00 M	X1, X2	XTL_4_3225	XTL_4_40MHz_32	2
NC	CRYSTAL 40.00 M	X3	XTL_4_3225	XTL_4_40MHz_32	1
12MHz		Y1	SMD-5032_2P	SMD-5032_2P 11.0	1