

W5100S-PICO-Mining.PrjPcb

#	Quantity	Designator	Comment	Description	Footprint
1	4	C1, C2, C9, C10	10uF/16V	MLCC-0805(2012)	CAP-0805
2	13	C3, C4, C5, C6, C17, C18, C19, C20, C21, C23, C24, C25, C26	0.1uF	MLCC-0603(1608)	CAP-0603
3	1	C7	1nF/2KV	MLCC-1808(4520)	CAP-1808
4	1	C8	470uF/16V	AL-CAP D: 8.0mm SMD	CAP-8.3EC
5	4	C11, C12, C13, C14	4.7nF/2KV	Ceramic Disk Capacitor D: 10.5mm	CK45-E3DD472ZYGNA
6	2	C15, C16	18pF	MLCC-0603(1608)	CAP-0603
7	1	C22	1uF	MLCC-0603(1608)	CAP-0603
8	11	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D13	SS14	DIODE SCHOTTKY 40V 1A SMA	DO-214AC/SMA
9	2	D11, D12	SMBJ58CA (SMB)		DO-214AA/SMB(TVS)
10	10	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10	Header Socket Dip 20x1_2.54mm	THT Vertical Header Socket WR-PHD, Pitch 2.54 mm, Single Row, 20 pins	IDC-1X20(SOCKET)
11	2	J11, J12	Pin Header Dip 20x1_2.54mm	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 20 pins	IDC-1X20
12	1	J13	2.54mm 1x3 Pin Header DIP	2.54mm 1x3 Pin Header DIP	idc-1x3
13	12	L1, L2, L3, L5, L6, L7, L8, L9, L10, L11, L12, L13	IND-0805	Inductor 0805(2012)	IND-0805
14	1	L4	HH-1M2012-121JT	Inductor 0805(2012)	IND-0805
15	3	L14, L15, L16	HH-1M1608-121JT	Inductor 0603(1608)	IND-0603
16	10	LD1, LD2, LD3, LD4, LD5, LD6, LD7, LD8, LD9, LD10	Green	LED-0603	LED-0603-GREEN
17	2	LD11, LD12	RED	LED-0603	LED-0603-RED
18	1	P1	Pin Header Dip 9x1_2.54mm	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 9 pins	LCD(PIN HEADER9X1_2.54)
19	1	P2	RJC-191R	PoE RJ45	RJC-191R
20	78	R1, R2, R3, R4, R10, R11, R12, R15, R16, R18, R20, R21, R25, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R54, R56, R59, R62, R64, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R98, R99, R103, R105, R106, R107, R108, R109, R110, R111, R112, R113, R128, R129, R130	NC	Chip Resistor 0603(1608)	RES-0603
21	11	R5, R6, R7, R8, R49, R50, R51, R52, R94, R95, R134	1K	Chip Resistor 0603(1608)	RES-0603
22	13	R9, R14, R19, R24, R53, R58, R63, R68, R96, R101, R126, R135, R136	300R	Chip Resistor 0603(1608)	RES-0603
23	17	R13, R17, R22, R23, R26, R55, R57, R60, R61, R65, R66, R67, R	10K	Chip Resistor 0603(1608)	RES-0603
24	3	R114, R132, R133	4K7	Chip Resistor 0603(1608)	RES-0603
25	4	R115, R116, R118, R119	3R3	Chip Resistor 0603(1608)	RES-0603
26	2	R117, R120	330R	Chip Resistor 0603(1608)	RES-0603

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27	4	R121, R122, R123, R124	49.9R/1%	Chip Resistor 0603(1608)	RES-0603
28	1	R125	12K/1%	Chip Resistor 0603(1608)	RES-0603
29	1	R127	1M	Chip Resistor 0603(1608)	RES-0603
30	1	R131	0R	Chip Resistor 0603(1608)	RES-0603
31	2	SW1, SW2	ITS-1107(SMD)	TACT Switch (SMD)	IT-1107(SMD)
32	1	U1	LM1117-3.3	800mA Low-Dropout Linear Regulator, 4-pin SOT-223, Pb-Free	SOT-223
33	1	U2	W5100S	WIZnet Hardwired TCP/IP Chip	LQFP48(0.5/9.0)
34	1	U3	PICO	Raspberry pi pico	PICO
35	1	U4	AG9705-2BR	POE module	AG9705-2BR
36	1	Y1	25MHz	X-tal 25MHz,3.2x2.5 SMD, CL=18pF	OSC-82J0626