

PXA270 Base Board BOM



Item	Part ordering number	Description	Package	Designator	Quantity
1	BR1225	Battery holder		B700	1
2	100uF 63V	Capacitor	EC_5/10_NS	C700,C701	2
3	10uF 10V	Tantalum capacitor	3216(A)	C302, C308, C309, C310, C311, C401, C504, C505, C507, C508, C509, C510, C617, C622, C706, C707, C709, C710, C712, C714, C718, C720, C722, C723, C812, C817	26
4	1000nF 1000V	Capacitor		C415	1
5	220uF 35V	Capacitor	EC_5/10_NS	C702	1
6	470uF 16V	Capacitor	CEL3,5/8/11	C402,C403	2
7	100uF 10V	Tantalum capacitor	SMD D	C200,C205,C413,C606,C609	5
8	4,7uF 16V	Ceramic capacitor	SMD A	C201,C202,C203,C303	4
9	100nF 16V X5R	Resistor	0603	C204,C206,C207,C300,C301,C304,C305, C306,C307,C312,C313,C314,C315,C400, C408,C409,C410,C411,C412,C414,C416, C417,C500,C501,C502,C503,C506,C603, C604,C605,C607,C608,C616,C618,C619, C621,C703,C704,C705,C708,C711,C713, C715,C716,C717,C719,C721,C800,C801, C802,C803,C804,C805,C806,C807,C808, C809,C810,C811,C813,C814,C815,C816	63
10	15pF 10V X5R	Resistor	0603	C600,C601,C602,C610,C611,C612	6
11	68pF 10V X5R	Resistor	0603	C404,C405,C406,C407	4
12	AA-3A4/3G/KLH330	Triple led in holder		D200	1
13	B360	Schottky diode	SMB	D703	1
14	HDD_LED (led smd)	Green led	0805	LD401	1
15	SM4002	Schottky diode		D700,D701	2
16	Transil 60V	Zener diode	SMB	D702	1
17	74LVC245APW	Octal bus transceiver	TSSOP20	U601,U603,U812	3
18	ADV7125KSTZ140	Digital-to-analog converter	LQFP48	U500	1
19	DS1339U-3,3	Serial real-time clock	USOP8	U702	1
20	ICL3243CAZ	Transceiver	SSOP28	U600	1

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21	LM1117-3.3	Low-dropout linear regulator	SOT223	U703,U704	2
22	LM2599S-5.0	Power converter	TO-263_7	U700	1
23	MIC2026-2YM	Dual channel power switch	8-leadSOP	U400,U701	2
24	SN65220DBVR	USB port transient	SOT23-6	U401,U402,U403,U602,U604	5
25	74LVC16245ADGG	Transceiver	TSSOP48	U801,U802,U807,U808,U810	5
26	SN74LVC08ADBR	Quadruple 2-input	SSOP14	U803	1
27	SN74LVC1G04DBVR	Single inverter	SOT23-5	U300,U805	2
28	SN74LVC1G08DBVR	Single 2-input gate	SOT23-5	U809	1
29	SN74LVC32ADBR	Quadruple 2-input	SSOP14	U800,U804,U806,U811	4
30	1-788624-1	VGA connector		K500,K501	1
31	47041-8001	Molex connector, JTAG		J603	1
32	67155-0002	Molex CF connector		J301	1
33	1473005-1	DIMM Female connector	SODIMM200	K200	1
34	DB9-M-RA	RS232 connector	DRA9_M_NS	J601	1
35	Power connector 2.1/5.5	Power connector	DC-PWR,PJ102B	J700	1
36	JTAG Header 10x2 (2,54mm)	ARM-ICE, HDR20		J604	1
37	Header13x2 (2,54mm)	Display connector		J500	1
38	Header3x2 (2,54mm)	Serial BT connector		J609	1
39	Header3x2 (2,54mm)	SSP connector		J611	1
40	Header1x4 (2,54mm)	Backlight connector		J501,J502,J608	3
41	Header1x4 (2,54mm)	Infra port connector		J610	1
42	Header 3 pin (2,54mm)	USB header		J400,J401	2
43	Header 2x22(IDE) (2mm)	IDE		J302	1
44	KMB-SMT-5S-S-30	Mini USB		K402	1
45	KUSBL-AS-2-N-W	2xUSB connector		K400	1
46	MINI-DIN6-RA	PS2 connector		J606,J607	2
47	315027068130871	PCMCIA Slot		J300	1
48	305027000102000	PCMCIA Ejector		J300	1
49	RJ45-RA-SHIELD	RJ45 connector		K401	1
50	SDCMF-10915W010	SD card holder		K300	1
51	SJ3523-SMT	JACK Stereo 3.5	SJ35_NS	J602,J605	2
52	33uH/2A/4Asat_NS	Inductor	L127_NS	L703	1

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53	BLM21PG221SN1D	Inductor	0805	L200,L201,L400,L401,L402,L403,L404,L500,L502,L503,L600,L700,L701,L702,L704	15
54	Q-0.032768-SMQ32S-12.5-30	Crystal	SMQ32S	X700	1
55	0R	Resistor	0603	R400,R403,R423,R424,R501,R502,R503,R509,R612,R704	10
56	100K	Resistor	0603	R401,R402,R414,R416,R422,R431,R432,R603,R604,R605,R606,R702,R703	13
57	100R	Resistor	0603	R418,R419,R420,R421,R425,R426,R427,R428	8
58	10K	Resistor	0603	R204,R214,R220,R221,R300,R301,R302,R303,R304,R305,R306,R307,R308,R309,R310,R311,R312,R313,R314,R316,R318,R319,R320,R321,R507,R600,R607,R608,R609,R610,R706,R708,R709,R800,R801	35
59	15K	Resistor	0603	R407,R408,R409,R410	4
60	1K	Resistor	0603	R200,R201,R224,R413,R415,R417,R510,R512	8
61	22R	Resistor	0603	R405,R406,R411,R412,R602	5
62	4k7	Trimer	Trim SMD 4315 case	R511	1
63	560R	Resistor	0603	R500	1
64	75R	Resistor	0603	R429,R430,R504,R505,R506	5
65	EXB28V330J	Chip resistor array	0804	R203,R205,R206,R208,R209,R210,R211,R212,R213,R215,R216,R217	12
66	PBSW_VERTICAL (KSM0633B)	Pushbutton		B200,B201	2
67	SI2314EDS-T1-E3	N-channel	SOT-23	T600,T601,T602,T603	4
68	TG110-S050N2	Ethernet magnetci module	SOIC16	TR400	1
69	PCB DIMM Base Board 270	Printed circuit board			1
70	CR1225	Battery		B700	1
71	M2x8 mm	PCMCIA Bold and screw			2