

Quantity	Description	Position
1.00	PCB AXIS 88/89/296 HW PLATF E1	006
1.00	BATTERY HOLDER NOPB 1066	B1
1.00	BATTERY 3V LI CR2032	B2
7.00	CAP 10UF 10V CER Y5V NOPB 1206	C1-2, C31, C212-215
3.00	CAP 47UF 10V TAN +20% NOPB B	C10-11, C35
101.00	CAP 100NF 16V CER Y5V NOPB 0402	C12, C14-21, C26-29, C33-34, C36-40, C44-56, C60, C62, C73, C76-77, C81-85, C98-107, C113-115, C118-132, C136-137, C141-142, C145-153, C163-164, C166, C168-171, C175, C187, C237-244
1.00	CAP 33PF 25V CER C0G +5% NOPB 0402	C203
1.00	CAP 22PF 25V CER C0G +5% NOPB 0402	C204
6.00	CAP 1UF 10V CER X7R +10% NOPB 0805	C22-23, C25, C61, C216-217
1.00	CAP 100UF 63V ELYT 20% NOPB SMD	C3
1.00	CAP 10UF 25V CER Y5V NOPB 1206	C30
2.00	CAP 4.7NF 3000V CER NOPB RAD M=5	C4, C8
2.00	CAP 100NF 50V CER X7R 10% NOPB 0805	C41, C66
1.00	CAP 10NF 50V CER X7R 10% NOPB 0603	C42
1.00	CAP 100NF 100V CER X7R NOPB 1206	C43
15.00	CAP 10NF 16V CER X7R 10% NOPB 0402	C5, C7, C24, C32, C57-58, C65, C74, C86-87, C110-112, C172-173
1.00	CAP 220UF 50V ELYT LESR NOPB SMD	C6
1.00	CAP 1.5NF 16V CER X7R 5% NOPB 0402	C75
7.00	CAP 1NF 16V CER X7R +10% NOPB 0402	C9, C59, C78-80, C221-222
1.00	IC ETRAX FS ASIC NOPB PBGA256 E2	D1
1.00	IC USB POWER SWITCH NOPB SO8	D11
1.00	IC RTC CONTROLLER PCF8563 NOPB SMD	D13
2.00	IC 78Q2120C08/09 PHY NOPB LQFP64	D15, D35
2.00	IC SDRAM 2MX16X4 100MHZ NOPB TSOPII	D16-17
1.00	IC LM70 TEMP SENSOR NOPB MSOP8	D18
4.00	IC Q3245 BUS SWITCH NOPB TSSOP20	D2-3, D19, D33
1.00	IC NC7SZ14P5 NOPB SC70	D24
1.00	IC RESET DUAL 3.3/VAR NOPB SOT23-6	D39
1.00	IC NAND FLASH 256MBIT X8 NOPB TSOP	D4
2.00	IC RS485 DRIVER 3V NOPB SO8	D7, D12
2.00	IC REG SW 1.5V 1A NOPB TSOT6	D8, D14
4.00	IC RS232 DRIVER 3V NOPB SSOP28	D9, D26, D28, D30
1.00	RES PTC 2A NOPB SMD	F1
1.00	CONN DC JACK 1.0MM NOPB HOLE	J2
4.00	PIN HEADER 2X13 STR 2MM NOPB	J3-6
2.00	IND 4U7H 2.1A NOPB 1812	L1, L3
2.00	FERRITE 200R@100MHZ 200MA NOPB 0805	L11-12
2.00	FERRITE 220R@100MHZ 2A NOPB 0805	L2, L5
1.00	IND 100uH 1.7A NOPB SMD	L4
2.00	FERRITE 60R@100MHZ 6A NOPB 1806	L6, L13
4.00	FERRITE 600R@100MHZ 200MA NOPB 0603	L7-10
1.00	X-TAL 32.768KHZ 6PF NOPB SMD	P1

Quantity	Description	Position
1.00	X-TAL 12.000MHZ 3.2X2.5MM NOPB SMD	P2
6.00	TRANS N MOSFET FDV301 NOPB SOT23	Q1-3, Q6, Q8-9
1.00	TRANS NPN PMBT3904 NOPB SOT23	Q16
2.00	TRANS PNP BC857C HI GAIN NOPB SOT23	Q4-5
1.00	TRANS NPN BC847C HI GAIN NOPB SOT23	Q7
2.00	RES 1K 1/16W 25V 1% NOPB 0402	R1, R27
1.00	RES 330K 1/16W 25V 1% NOPB 0402	R130
4.00	RES 1K 1/4W 1% NOPB 1206	R132-135
1.00	RES 330R 1/16W 25V 1% NOPB 0402	R139
2.00	RES 3K3 1/16W 25V 1% NOPB 0402	R15, R176
9.00	RES 1K5 1/16W 25V 1% NOPB 0402	R2, R17, R20, R51, R65, R87, R90, R118, R277
5.00	RES 47K 1/16W 25V 1% NOPB 0402	R21, R127-129, R131
1.00	RES 2K2 1/16W 25V 1% NOPB 0402	R229
1.00	RES 39K 1/16W 25V 1% NOPB 0402	R231
1.00	RES 8K2 1/16W 25V 1% NOPB 0402	R24
1.00	RES 560R 1/16W 25V 1% NOPB 0402	R25
16.00	RES NET 22RX4 1% NOPB 0603X4	R29-34, R37-38, R40, R175, R182-185, R189-190
3.00	RES 220R 1/16W 25V 1% NOPB 0402	R3, R23, R244
1.00	RES 22R 1/16W 25V 1% NOPB 0402	R39
28.00	RES 4K7 1/16W 25V 1% NOPB 0402	R4, R8, R10, R13-14, R18, R22, R28, R35-36, R42, R53, R67, R77-78, R88, R102-104, R120, R122, R174, R195-197, R214, R225, R230
1.00	RES 5K6 1/16W 25V 1% NOPB 0402	R41
2.00	RES 15K 1/16W 25V 1% NOPB 0402	R43-44
8.00	RES 49R9 1/16W 25V 1% NOPB 0402	R45-48, R58-59, R61, R69
22.00	RES 39R 1/16W 25V 1% NOPB 0402	R49-50, R52, R54-57, R60, R62-64, R66, R68, R70-76, R81, R107
17.00	RES NET 4K7X4 5% NOPB 0603X4	R5, R82-83, R86, R93, R96-99, R105-106, R108-113
6.00	RES 100K 1/16W 25V 1% NOPB 0402	R6, R11, R114-115, R136-137
22.00	RES 10K 1/16W 25V 1% NOPB 0402	R7, R9, R12, R16, R19, R26, , R84, R89, R91-92, R100-101, R117, R121, R123-126, R167-168, R173, R199
1.00	RES 470K 1/16W 25V 1% NOPB 0402	R80
2.00	RES 470R 1/16W 25V 1% NOPB 0402	R85, R226
5.00	PIN HEADER 1X2 STR 2.54MM NOPB	S1, S3-4, S7, S9
1.00	SWITCH 1POL TACT 3.1MM NOPB SMD	S13
2.00	SWITCH BUTTON MOMENTARY NOPB SMD	S5-6
5.00	DIOD 40V 1A SCHOTTKY NOPB SOD123	V1-5
4.00	DIOD ZENER 3.6V 5% NOPB SOT23	V10, V12-14
2.00	DIOD BAR43 SCHOTTKY NOPB SOT23	V23-24
2.00	LED GREEN NOPB 1206	V6, V11
1.00	LED YELLOW NOPB 1206	V7
1.00	IC LM2678ADJ REG SW 5A NOPB TO263-7	V8
1.00	DIOD DE5S4M SCHOTTKY NOPB SMD	V9

Bill of Materials – AXIS 88 Developer Board

Quantity	Description	Position
1.00	TERMINAL BLOCK 10P RA 2.50MM NOPB	X11
1.00	CONN SD STAND OFF 1.8MM NOPB SMD	X3
1.00	CONN USB TYPE A SINGLE UPRIGHT NOPB	X4
2.00	CONN MODULAR JACK W FILTER NOPB	X5, X12
3.00	CONN DSUB 9P MALE RA NOPB 8.08MM	X7-9