

A1200+ (BOM Csv)

Count	Name	Value	Desc	Mfr	Part Number	Supplier	SPN	Footprint
14	C[1-3],C5,C7,C[10-11],C26,C32,C36,C49,C58,C[60-61]	100 nF	3 Pin Capacitor	Murata	NFM21PC104R1E3D		FN 1686518	NFM21
15	C4,C20,C[22-23],C[27-28],C33,C[37-39],C[44-47],C57	100nF/50V	100nF/50V Ceramic Capacitor 0805	MURATA	GCM21BR72A104KA37L		FN 2470440	805
3	C6,C52,C55	220µF/35V	Capacitor Alu Elec 220µF/35V	Panasonic	EEEFK1V221P		FN 9695877	Panasonic Cap Size F
1	C8	1µF/50V	1µF/50V Ceramic Capacitor 0805	Murata	GRM21BR71H105KA12L		FN 1735541RL	C0805
3	C9,C16,C29	10µF/16V	10µF/16V Ceramic Capacitor 0805	Murata	GRM219R61C106KA73D		FN 1845747	C0805
3	C12,C[34-35]	220nF/50V	220nF/50V Ceramic Capacitor 0805	Murata	GRM21BR71H224KA01L		FN 8820139RL	C0805
4	C13,C17,C30,C40	6800pF/250V	Ceramic Capacitor 0805	Kemet	C0805X682JAGACAUTO	Farnell	2471761	805
3	C14,C21,C50	100µF/35V	100µF 35V Capacitor Hybrid Polymer	Panasonic	EEHZK1V101XP	Mouser	667-EEH-ZK1V101XP	Panasonic Cap Size D8
2	C15,C31	3900pF/200V	Ceramic Capacitor 0805	Kemet	C0805C392J2GACAUTO	Farnell	2426890	805
4	C[18-19],C[24-25]	100nF/50V	100nF/50V Ceramic Capacitor 0805	AVX	08055C104KAZ2A		FN 7569564	C0805
6	C41,C48,C51,C[53-54],C56	100nF	3 Pin Capacitor	Murata	NFM21PC104R1E3D		FN 1686518	NFM21
2	C[42-43]	22pF/100V	22pF/100V Ceramic Capacitor 0805	AVX	08051A220JAT2A		FN 317500	805
1	C59	470nF/25V	470nF/25V Ceramic Capacitor 0805	Kemet	C0805C474J3RACAUTO		FN 2478263	805
1	D1	30V / 200mA	Small Signal Schottky Diode	ON SEMICONDUCTOR	BAT54		FN 1467516	SOT-23
1	F1		10A/250VAC Cartridge 5x20 Fuse Holder	WURTH ELEKTRONIK	696105003002		FN 2471679	696105003002
1	I1	10 mA	Constant Current Regulator	ON Semiconductor	NSI50010YT1GOSCT-ND			SOD-123
2	J[1-2]		RCA Connector PCB Black	CUI	RCJ-041	Mouser	490-RCJ-041	RCJ-04x
1	J3		DB-25 Female Right Angle	MultiComp	8LCM025S-304B-XX	Farnell	1099296	DB25-FEMALE-RA
1	J4		D-Sub Standard Connectors 25P MALE RIGHT ANGLE	NorComp	182-025-113R531		MS 636-182-025-113R531	DB25-MALE-RA
1	J5		DB-23 Female Right Angle					DB23-FEMALE-RA
1	J6		AC Power Entry Module	Qualtek	770W-X2/10	Mouser	562-770W-X2/10	770W-X2/10
1	J7		Box Header 34 Pins 2.54mm pitch	Harting	09 18 534 7324	Farnell	1096992	BOX-2x14
1	J8		31 Pin FPC connector 1.25mm Pitch	Molex	39-53-2315	Mouser	538-39-53-2315	39-53-2315
2	J9,J13		Board to Board & Mezzanine Connectors 40P 1.27 SMC Male R/A SMT Type	HARWIN	M55-7104042R		855-M55-7104042R	M55-7104042R
3	J[10-12]		FH-Board To Board Connector	TE Connectivity	5146897-1	Mouser	571-5146897-1	Free Height (FH) Plug 64
2	J[14-15]		Floppy Power Connector	TE CONNECTIVITY	171825-4	Farnell	1654622	171825-4
2	J[16-17]		Wire-To-Board Connector, 2.54 mm, 3 Contacts, Header	Molex	22-23-2031	Farnell	1462950	FanHeader
1	J18		5 Pin SIL	AMP - TE CONNECTIVITY	825433-5	Farnell	1187826	825433-5
1	J19		Header Through Hole 22 position 2.00mm		57102-F08-11ULF	Digi-Key	609-5095-ND	Header-22-2mm-TH
1	J20		Compact Flash Socket	TE Connectivity	1-1734451-1			CompactFlashSocket
1	J21		Header Through Hole 22 position 2.00mm		57102-F08-11ULF	Digi-Key	609-5095-ND	Header-44-2mm-TH
1	J22		Amiga 1200 Edge Connector					EdgeConnector_150_1.27mm
3	JP[1-3]		3 Pin Jumper					Jumper_3_2.54
1	L1	0.95 µH	chip ferrite bead	TE CONNECTIVITY	BMB2A0600BN3		FN 2329425	805
1	PSU1	5V 30W	AC to DC power supply	Mean Well	IRM-30-5		2815513	IRM-30
2	Q[1-2]		MOSFET, N Channel, 2.7A, 60V	International Rectifier	IRLML0060TRPBF		FN 1783927	SOT-23
1	Q3	7.1A / 12V	MOSFET Transistor, P Channel	Vishay	SI2333CDS-T1-GE3		FN 1779259	SOT-23
3	Q[4-6]	60V 1.6A	MOSFET Transistor, P Channel	Vishay	SI2309CDS-T1-GE3		FN 1779264	SOT-23
16	R[1-3],R10,R17,R[21-22],R24,R30,R32,R[36-37],R40,R47,R63,R82	10K	Resistor Thick Film 0.1W 1%					R0805
11	R4,R23,R29,R33,R35,R38,R55,R60,R64,R73,R85	1K	Resistor Thick Film 0.1W 1%					R0805
26	R[5-9],R[11-16],R18,R[26-27],R[44-45],R48,R57,R62,R72,R[74-78],R81	4K7	Resistor Thick Film 0.1W 1%					R0805
2	R19,R25	360R	Resistor Thick Film 0.1W 1%					R0805

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1	R20	10	Resistor Thick Film 0.1W 1%					R0805
1	R28	100	Resistor Thick Film 0.1W 1%					R0805
5	R31,R51,R54,R56,R59	68R	Resistor Thick Film 0.1W 1%					R0805
4	R34,R39,R[42-43]	330R	Resistor Thick Film 0.1W 1%					R0805
12	R41,R[52-53],R[65-71],R[79-80]	470	Resistor Thick Film 0.1W 1%					R0805
1	R46	1M	Resistor Thick Film 0.1W 1%					R0805
2	R[49-50]	200R	Resistor Thick Film 0.1W 1%					R0805
2	R58,R61	470R	Resistor Thick Film 0.1W 1%					R0805
1	R83	10R	Resistor Thick Film 0.1W 1%					R0805
4	R84,R[88-89],R91	27R	Resistor Thick Film 0.1W 1%					R0805
3	R[86-87],R90	100R	Resistor Thick Film 0.1W 1%					R0805
1	SW1		Toggle Switch SPDT	Multicomp	1MS1T2B4M7RE	Farnell	9473297	ToggleSwitchPCB_Vertical
7	TP[1-7]		Test Point	MultiComp	TEST-1(BK)	Farnell	1702000	TestPoint
3	U[1-2],U14		Dual JFET-input Operational Amplifier	Texas Instruments	OPA1642AIDGKT	Farnell	2323354	MSOP8_MC
1	U3		Schmitt-Triggrer Inverter	ON SEMICONDUCTOR	M74VHC1GT14DTT1G	Farnell	2534358	SOT-23-5
6	U[4-5],U18,U22,U25,U27		Single 2-input Positive-AND Gate	Texas Instruments	SN74LVC1G08DBVT		FN 1236324	SOT-23-5
1	U6		Dual Non Volatile Digi-Pot	Analog Devices	AD5142ABRUZ10		584-AD5142ABRUZ10	TSSOP-20-B6.3-P0.65
2	U7,U12		Amiga 8520 CIA	3M	8444-11B1-RK-TP	Farnell	1183029	PLCC-44
2	U8,U10		Photo FET Optocoupler	On Semiconductor	H11F1SM	Farnell	2825064	H11F1SM
1	U9		RS-232 Transceiver	Texas Instruments	SN65C3243DBR	Farnell	2496635	SSOP-28-P0.65-B5.3
1	U11		Amiga Audio Chip	3M	8452-11B1-RK-TP	Farnell	2673908	PLCC-52
1	U13		Amiga 1200 Keyboard Controller	3M	8444-11B1-RK-TP	Farnell	1183029	PLCC-44
1	U15	4.0V	Power-On Reset	Texas Instruments	LP3470M5-4.00/NOPB	Farnell	2492283	SOT-23-5
1	U16		Amiga 1200 GAL					PLCC-20-5X5-P50
1	U17		Amiga Graphics Controller	3M	8484-11B1-RK-TP	Farnell	1183033	PLCC-84
1	U19		Amiga 1200 Memory Controller					QFT-128_0.8
1	U20		Amiga 1200 Gayle Chip					PLCC-84
2	U21,U24		a 62408 rom in a DIL socket	Mill-Max Manufacturing Co	117-43-642-41-005000	Digi-Key	ED90229-ND	DIP Socket 42
1	U23	12V	DC-DC Convertor 12V 10W	Meanwell	SKM10E-12	Digikey	1866-4632-ND	SKM10E
1	U26		Amiga DMA Controller	3M	8484-11B1-RK-TP	Farnell	1183033	PLCC-84
1	X1	3MHZ	Crystal HC49 SMD	Abracon LLC	ABLS-LR-3.000MHZ-T	Digi-Key	535-10158-1-ND	HC49
1	X2							OscSocket