

AMIGA 2000 EATX B.O.M.							
QTY	DESCRIPTION	VALUE	BOARD IDs	PACK	EACH	TOTAL	
	Main PCB	Green			£39.95		
47	Resistor 0805	1K		W	£0.05	£2.35	
2	Resistor 1206	1R		W	£0.05	£0.10	
2		10R		W	£0.05	£0.10	
6		22R		W	£0.05	£0.30	
24		47R		W	£0.05	£1.20	
6		68R		W	£0.05	£0.30	
1		200R		W	£0.05	£0.05	
2		330R		W	£0.05	£0.10	
2		360R		W	£0.05	£0.10	
2		390R		W	£0.05	£0.10	
5		470R		W	£0.05	£0.25	
11		1K		W	£0.05	£0.55	
2		1K2		W	£0.05	£0.10	
1		2K7		W	£0.05	£0.05	
14		4K7		W	£0.05	£0.70	
1	6K2		W	£0.05	£0.05		
14	10K		W	£0.05	£0.70		
3	30K		W	£0.05	£0.15		
2	47K		W	£0.05	£0.10		
2	470K		W	£0.05	£0.10		
1	Resistor 1206 1/2W	1R		W	£0.10	£0.10	
1		47R		W	£0.10	£0.10	
2	Resistor Network 6 pin - Bussed	470R		W	£0.40	£0.80	
6		1K		W	£0.40	£2.40	
1		10K		W	£0.40	£0.40	
1	Resistor Network 8 pin - Bussed	4K7		W	£0.40	£0.40	
1	Resistor Network 9 pin - Bussed	4K7		W	£0.65	£0.65	
5	Resistor Network 10pin SIP - Bussed	1K		W	£0.55	£2.75	
1		2K7		W	£0.55	£0.55	
2		3K3		W	£0.55	£1.10	
2		4K7		W	£0.55	£1.10	
1		10K		W	£0.55	£0.55	
2	Resistor Network 8pin SIP - Isolated	47R		W	£0.40	£0.80	

1	Resistor Network 10pin SIP - Isolated	1K		W	£0.55	£0.55	
47	Capacitor 0805	1000pF		W	£0.25	£11.75	
1	Capacitor 1206	20pF		W	£0.30	£0.30	
1		22pF		W	£0.30	£0.30	
2		47pF		W	£0.30	£0.60	
10		100pF		W	£0.30	£3.00	
1		270pF		W	£0.30	£0.30	
51		1000pF		W	£0.30	£15.30	
2		3900pF		W	£0.45	£0.90	
2		6800pF		W	£0.45	£0.90	
4		0.01uF		W	£0.45	£1.80	
4		0.047uF		W	£0.45	£1.80	
62		0.1uF		W	£0.45	£27.90	
10		0.22uF		W	£0.45	£4.50	
1		0.33uF		W	£0.45	£0.45	
1		1uF		W	£0.50	£0.50	
3		10uF		W	£0.50	£1.50	
3	Capacitor SMD	4.7uF		W	£0.20	£0.60	
7		22uF		W	£0.20	£1.40	
18		47uF		W	£0.20	£3.60	
5		220uF		W	£0.75	£3.75	
4		470uF		W	£0.80	£3.20	
60	Capacitor 1206 Feedthrough	100pF		W	£0.45	£27.00	
13	Ferrite Bead 1206	80R		W	£0.25	£3.25	
4	Fuse 1206	4A		W	£0.60	£2.40	£136.70
3	Transistor SOT-23	MMBT3904		Y	£0.25	£0.75	
2		MMBT3906		Y	£0.25	£0.50	
1		DS1813		Y	£3.95	£3.95	
2		MMBFJ211		Y	£0.50	£1.00	
2	Diode SOD-323	1N4148		Y	£0.15	£0.30	
4	Diode SOD-123F	S1MWF-7		Y	£0.55	£2.20	
1	Diode SOT-23	BAT54C		Y	£0.35	£0.35	
1	Voltage Regulator TO-263-3	MC7905		Y	£1.85	£1.85	
4	Integrated Circuit SOIC	74AHCT244		Y	£0.50	£2.00	

2		74AHCT245		Y	£0.60	£1.20	
1		74F258		Y	£1.00	£1.00	
2		74FCT821T		Y	£2.85	£5.70	
2		74HCT00		Y	£0.50	£1.00	
1		74HCT04		Y	£0.45	£0.45	
4		74HCT08		Y	£0.60	£2.40	
1		74HCT14		Y	£0.55	£0.55	
2		74HCT32		Y	£0.60	£1.20	
2		74HCT74		Y	£0.45	£0.90	
1		74HCT138		Y	£0.50	£0.50	
1		74HCT157		Y	£0.60	£0.60	
6		74HCT245		Y	£0.80	£4.80	
2		74HCT373		Y	£0.70	£1.40	
1		74LS38		Y	£1.20	£1.20	
1		74LS148		Y	£2.25	£2.25	
1		SN75188DR		Y	£0.80	£0.80	
1		SN75189DR		Y	£0.80	£0.80	
1		LF347		Y	£0.80	£0.80	
1		LM339		Y	£0.50	£0.50	
1		RTC62423		Y	£12.50	£12.50	
1	SRAM TSOP-1-48_18.4x12mm	AS6C1616-55TIN		Y	£15.00	£15.00	
1	Crystal Oscillator	28.37516MHz		Y	£4.95	£4.95	£73.40
2	DIP Socket	40 way		X	£1.20	£2.40	
1		42 way		X	£2.25	£2.25	
4		48 way		X	£1.40	£5.60	
1		64 way		X	£7.50	£7.50	
1	PLCC Socket	84 way		X	£3.25	£3.25	
1	Connector	DB9 Stacked M/M		X	£4.75	£4.75	
1		DB15 Female HD		X	£1.65	£1.65	
1		DB25 Stacked M/F		X	£8.95	£8.95	
3		Header 2 x 1		X	£0.50	£1.50	
1		Header 3 x 1		X	£0.50	£0.50	
1		Header 6 x 1		X	£0.95	£0.95	
3		Jumper		X	£0.25	£0.75	
1		Header 10 x 2		X	£3.95	£3.95	
1		Header 17 x 2		X	£3.95	£3.95	
1		Fan Header		X	£0.35	£0.35	
1		3.5mm Jack Socket		X	£2.25	£2.25	
1		ATX-24 Power		X	£5.50	£5.50	
1		5-pin DIN		X	£1.45	£1.45	

1	Battery Holder - 20mm			X	£1.65	£1.65	£59.15
5	Card Edge Connector	EISA 36 Pin		Z	£2.95	£14.75	
3		ISA 62 Pin		Z	£4.95	£14.85	
5		ZORRO 100 Pin		Z	£8.95	£44.75	
1		CO-PRO 86 Pin		Z	£8.45	£8.45	£82.80
2	Custom Chip	8520A CIA		N	£30.00	£60.00	
1		MC68000 CPU		N	£10.00	£10.00	
1		ROM		N	£15.00	£15.00	
1		5719 GARY		N	£25.00	£25.00	
1		8362 DENISE		N	£25.00	£25.00	
1		8364R7 PAULA		N	£25.00	£25.00	
1		8372A FAT AGNUS		N	£75.00	£75.00	
1	BLUSTER - Modern BUSTER clone chip	5721 BUSTER		N	£45.00	£45.00	£280.00
1	Video Hybrid		Modern Equivalent		£30.00	£30.00	
	Crystal Oscillator Socket		Optional X1		£2.50		
BUILD NOTES							
For NTSC use 28.63636MHz crystal oscillator and put a solder blob on J102							
NTSC Oscillators available - £6.95							
Component locator and design files are at https://github.com/jasonsbeer/Amiga-2000-EATX							
Please note - this board has not yet been tested by me, so mistakes on the BOM are possible.							
Amiga Test Kit - Bootable floppy disk version of the Amiga test disk £4.95 (price is for media and UK postage / packing - software is free)							
Amiga Test Kit - ADF file for Gotek etc. FOC (sent by email)							
Amiga DiagROM - Diagnostic ROM for A500 / A2000 etc. £9.95							
Please Note - I am not the author of this software and am unable to offer any support.							
PRICES							
Component Pack Prices: W = £119.95, X = 54.95, Y=£69.95, Z=79.95, W+X+Y+Z = £299.00, W+Y+X+Z+Board = £325.00							
All components also available individually - prices on request							
USEFUL TOOLS							
IC Leg Straightener - £9.95							
Component Lead Bending Tool - £4.95							
Budget Side Cutters 127mm - £4.95							
Knipex Side Cutters 125mm - £29.95							
48W Temperature Controlled Soldering Station - £29.95							
60/40 Solder 0.7mm 50g - £4.95							
Digital Multimeter with leads - £6.95							

Illuminated Headband Magnifier - £29.95							
Logic Probe - £27.95							
All kits and individual components are now available to purchase on https://retrofix.co.uk							
Prices and specifications subject to change without notice E&OE							
graham@retrofix.co.uk							
7th October 2023							