

NeoGeoAES3_5-BOM

Qty	Reference	Value	Mouser	Alternative	Comment
41	BF1-BF32, BF51-BF56, BF301-BF303	ZBF253D	80-B-06-R-25		
19	C1, C2, C4-C8, C11, C12, C20, C24, C25, C32, C34, C35, C41, C49, C113, C301	10uF	667-ECA-1CM100I		
1	C3	68pF	810-FG28C0G2A680JNT6		
7	C9, C10, C36-C39, C46	470uF/16v	647-UVR1C471MPD1TA		
2	C13, C14	272M	80-MMK5272K63J01TA18		
3	C22, C23, C66	1nF	810-FG28C0G1H102JNT6		C66 Not Fitted
3	C26-C28	0.1uF	810-FG28C0G1H104JNT0		
1	C29	100pF (82p)	810-FG28C0G1H101JNT6		
2	C30, C45	0.01uF	810-FG28C0G1H103JNT0		
1	C31	39pF (30pF)	810-FG28C0G1H390JNT6		
6	C33, C42, C58-C60, C201	100pF	810-FG28C0G1H101JNT6		
1	C43	47pF	810-FG28C0G1H470JNT6		
3	C44, C50, C70	10nF	810-FG28C0G1H103JNT0		
1	C47	2200uF/6.3v	667-EEU-FC0J222S		
1	C48	150pF	810-FG28C0G1H151JNT6		
27	C51, C63, C101-C112, C114-C125, C127	100nF	810-FG28C0G1H104JNT0		
2	C52, C54	30pF(CH)	80-C322C300K3G5TA		
1	C53	6pF	810-FG28C0G1H060DNT6		
1	C55	20pF(CH)	80-C317C200J5G		
2	C56, C67	220pF	810-FG28C0G1H221JNT0		
1	C57	331pF	810-FG28C0G1H331JNT6		
2	C61, C62	221pF	810-FG28C0G1H221JNT0		
1	C64	10pF(CH)	810-FG28C0G1H100DNT6		
1	C65	39pF (CH)	810-FG28C0G1H390JNT6		
1	C126	100uF	667-ECA-1CM101I		
1	CN1	CTRL1			Use Original
1	CN2	CTRL2			Use Original
1	CN3	DIN-8			Use Original
2	CN4, CN5	AXC90020	587-395-100-524-204		
1	CN6	Memory Card Interface			Use Original
5	CR1-CR5	CRE401		https://github.com/mourix/CRE401	
2	D1, D2	SR340	583-SR340-T		Not Fitted when 5v Circuit
2	D3, D4	FC52M-5		LV2209	Use Original
1	D5	LED	604-WP7113ID5V		
2	D11, D12	1S1588			Not Fitted when 9v Circuit
1	D13	RD5.6A			Not Fitted when 9v Circuit
1	J1	BERR			
1	J2	CUT DOG			
1	J3	SMK S-G8043			
1	J4	POWER JACK	490-PJ-102B		
1	JP3	J3			
1	JP4	J4			
1	L1	47uH			
1	L2	47uH			
1	L3	180uH			Not Fitted when 5v Circuit, Use Original
1	NTSC1	Link Wire			Fit if NTSC
1	PAL1	Link Wire			Fit if PAL
1	PAL2	Link Wire			Fit if PAL
1	Q11	C1815			Not Fitted when 9v Circuit
1	Q12	A1015			Not Fitted when 9v Circuit
1	Q13	A1442			Not Fitted when 9v Circuit
2	Q101, Q102	2SC1815	610-2SC1815		
16	R1-R3, R32, R36-R43, R45, R54, R55, R301	1K	594-5063JD1K000FT		
3	R4-R6	8.2K	594-5063JD8K200FT		
3	R7, R11, R15	3.9K	594-5063JD3K900F		
3	R8, R12, R16	2.2K	594-5063JD2K200FT		
4	R9, R13, R17, R66	470	594-5063JD470R0FT		
3	R10, R14, R18	220	594-5063JD220R0F		
3	R19-R21	150	594-5063JD150R0FT		
4	R28, R57, R68, R303	10K	594-5063JD10K1%TR		
1	R29	47	594-5063JD47R00F		
2	R30, R31	4.7K	594-5063JD4K700F5		
2	R33, R34	10	594-5063JD10R00FT		
3	R46, R49, R53	27K	594-5063JD27K00FT		
2	R47, R48	47K	594-5063JD47K00FT		
4	R50-R52, R75	3K	594-5063JD3K000F		
1	R56	820	594-5063JD820R0FT		
3	R58-R60	6.8K	594-5063JD6R800F5		
6	R62-R65, R401, R501	75	594-5063JD75R00FT		
2	R70, R72	1M	594-5063JD1M000FT		
1	R71	10	594-5063JD10R00FT		
1	R74	220K	594-5063JD220K0F		
2	R76, R78	1K	594-5063JD1K000FT		R78 Not Fitted when 9v Circuit
1	R77	0.18			Not Fitted when 9v Circuit

2	R79, R82	510			Not Fitted when 9v Circuit
1	R80	470			Not Fitted when 9v Circuit
1	R81	100			Not Fitted when 9v Circuit
1	R83	150			Not Fitted when 9v Circuit
2	R101, R102	100K	594-5063JD100K0FT		
1	R302	30K	594-5063JD30K00F		
2	R402, R502	51K	594-5063JD51K00F		
2	R403, R503	15K	594-5063JD15K00F5		
2	R5814, R5863	Link Wire			Fitted if either 5814 or 5863 link for RAM
1	RA1	4.7Kx4	652-4605X-1LF-4.7K		
2	RN1, RN2	22x4	652-4608X-2LF-22		
1	RV1	Headphone Slider (0-1K)		Alps Alpine RS20H12AC002	Use Original
1	SW1	RESET SWITCH		https://a.aliexpress.com/_EwBClut	Use Original
1	SW2	POWER SWITCH			Use Original
1	T1	SH-302	80-SH-302		
1	TC1	0-50p		Mouser 594-2222-808-23279 ?? 4p	Use Original
4	U1, U2, U17, U18	43256	870-62C256AL-25ULI	JEDEC 62256 (32k x 8) SRAM	Use Original
1	U3	HD68HC000P			Use Original
1	U4	NEO-C1			Use Original
1	U5	NEO-G0			Use Original
2	U6, U7	4364	913-AS7C164A-15PCN	JEDEC 6264 (8k x 8) SRAM	Use Original
2	U8, U80	74HC04	595-SN74HC04N		
2	U9, U10	74LS273	595-SN74LS273N		
1	U11	74LS05	595-SN74LS05N		
1	U12	74LS06	595-SN74LS06N		
1	U13	NEO-B1			Use Original
1	U14	PST518B	579-MCP120-450GI/TO		Use Original
1	U15	74LS244	595-SN74LS244N		
1	U16	TC531000AP			Use Original
2	U19, U20	5864 / 5814		JEDEC 6116 (2k x 8) SRAM 35ns	Use Original
1	U21	LSPC2			Use Original
1	U22	NEO-D0			Use Original
1	U23	6116		JEDEC 6116 (2k x 8) SRAM 35ns	Use Original
1	U24	Z80CPU			Use Original
1	U26	YM3016D			Use Original
1	U27	YM2610			Use Original
2	U28, U29	PC4741	968-UPC4741G2-E1-A		Use Original
1	U32	CXA1145P		CXA1645 or CXA2075 needs adapte	Use Original
1	U33	74AS04	595-SN74AS04N		
1	U34	NEO-E0			Use Original
1	U35	74HC259	595-SN74HC259N		
1	U36	27C1024			Use Original
1	U37	LM2576T-5	926-LM2576T-5.0/NOPB	https://www.aliexpress.com/item/10	Not Fitted when 5v Circuit
1	U38	74HC32	595-SN74HC32N		
1	U39	CX23065A			Use Original or could be removed along
1	X1	24.167829MHz			Use Original or 24 Mhz and CX23065A n
1	X2	3.579545MHz	815-AB-3.579545-B2		