

## NeoGeoAES3\_5

Reference	Value	Footprint	Comment	Qty
BF1-BF32, BF51-BF56, BF301-BF303	ZBF253D	1_NeoGeoLibrary:BF-2.5mm		41
C1, C2, C4-C8, C11, C12, C20, C24, C25, C32, C34, C41, C49, C113, C301	10uF	1_NeoGeoLibrary:CAP2-2.5mm		18
C3	68pF	1_NeoGeoLibrary:CAP3-5mm		1
C9, C10	470uF	1_NeoGeoLibrary:CAP1-5mm		2
C13, C14	272M	1_NeoGeoLibrary:CAP3-5mm		2
C22, C23, C66	1nF	1_NeoGeoLibrary:CAP3-5mm		3
C26-C28	0.1uF	1_NeoGeoLibrary:CAP3-5mm		3
C29	100p (82p)	1_NeoGeoLibrary:CAP3-5mm		1
C30, C45	0.01uF	1_NeoGeoLibrary:CAP3-5mm		2
C31	39pF (30pF)	1_NeoGeoLibrary:CAP3-5mm		1
C33, C42, C58-C60, C201	100pF	1_NeoGeoLibrary:CAP3-5mm		6
C35	10uf	1_NeoGeoLibrary:CAP2-2.5mm		1
C36-C39, C46	470uF/16v	1_NeoGeoLibrary:CAP1-5mm		5
C43	47pF	1_NeoGeoLibrary:CAP3-5mm		1
C44, C50, C70	10nF	1_NeoGeoLibrary:CAP3-5mm		3
C47	2200uF/6.3v	1_NeoGeoLibrary:CAP4-Large		1
C48	150pF	1_NeoGeoLibrary:CAP3-5mm		1
C51, C63, C101-C112, C114-C125, C127	100nF	1_NeoGeoLibrary:CAP3-5mm		27
C52, C54	30pF(CH)	1_NeoGeoLibrary:CAP3-5mm		2
C53	6pF	1_NeoGeoLibrary:CAP3-5mm		1
C55	20pF(CH)	1_NeoGeoLibrary:CAP3-5mm		1
C56, C67	220pF	1_NeoGeoLibrary:CAP3-5mm		2
C57	331pF	1_NeoGeoLibrary:CAP3-5mm		1
C61	221pF	1_NeoGeoLibrary:CAP3-5mm		1
C62	221	1_NeoGeoLibrary:CAP3-5mm		1
C64	10pF(CH)	1_NeoGeoLibrary:CAP3-5mm		1
C65	39pF (CH)	1_NeoGeoLibrary:CAP3-5mm		1
C126	100nF	1_NeoGeoLibrary:CAP2-2.5mm		1
CN1	CTRL1	1_NeoGeoLibrary:CN1-2		1
CN2	CTRL2	1_NeoGeoLibrary:CN1-2		1
CN3	DIN-8	1_NeoGeoLibrary:CN3		1
CN4, CN5	AXC90020	1_NeoGeoLibrary:CN4-5		2
CN6	5535653-1	1_NeoGeoLibrary:CN6	5535653-1	1
CR1-CR5	CRE401	1_NeoGeoLibrary:R_Array_SIP10		5
D1, D2	SR340	1_NeoGeoLibrary:Diode-Big	Not Fitted when 5v Circuit	2
D3, D4	FC52M-5	Package_TO_SOT_THT:SOD-70_P2.54mm		2
D5	LED	1_NeoGeoLibrary:LED		1
D11, D12	1S1588	1_NeoGeoLibrary:Diode	Not Fitted when 9v Circuit	2
D13	RD5.6A	1_NeoGeoLibrary:Diode_RD	Not Fitted when 9v Circuit	1
H1-H14	~	1_NeoGeoLibrary:MARK		14
H16	~	1_NeoGeoLibrary:HOLE2		1
H17, H18	~	1_NeoGeoLibrary:HOLE		2
J1	BEER	1_NeoGeoLibrary:J2		1
J2	CUT DOG	1_NeoGeoLibrary:J2		1
J3	SMK S-G8043	1_NeoGeoLibrary:J3		1
J4	POWER JACK	1_NeoGeoLibrary:J4		1
JP3	J3	1_NeoGeoLibrary:J2		1
JP4	J4	1_NeoGeoLibrary:J2		1
L1	47uH	1_NeoGeoLibrary:L1		1
L2	47uH	1_NeoGeoLibrary:Inductor		1
L3	180uH	1_NeoGeoLibrary:Inductor-Large	Not Fitted when 5v Circuit	1
NTSC1	0	1_NeoGeoLibrary:PAL		1
PAL1	0	Resistor_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P5.08mm_Vertical		1
PAL2	0	1_NeoGeoLibrary:PAL		1
Q11	C1815	1_NeoGeoLibrary:Transistor	Not Fitted when 9v Circuit	1
Q12	A1015	1_NeoGeoLibrary:Transistor	Not Fitted when 9v Circuit	1
Q13	A1442	1_NeoGeoLibrary:Q15	Not Fitted when 9v Circuit	1
Q101, Q102	2SC1815	1_NeoGeoLibrary:Transistor		2
R1-R3, R32, R36-R43, R45, R54, R55, R301	1KΩ	1_NeoGeoLibrary:Resistor1-5mm		16
R4-R6	8.2KΩ	1_NeoGeoLibrary:Resistor1-5mm		3
R7, R11, R15	3.9KΩ	1_NeoGeoLibrary:Resistor1-5mm		3
R8, R12, R16	2.2KΩ	1_NeoGeoLibrary:Resistor1-5mm		3
R9, R13, R17, R66	470Ω	1_NeoGeoLibrary:Resistor1-5mm		4
R10, R14, R18	220Ω	1_NeoGeoLibrary:Resistor1-5mm		3
R19-R21	150Ω	1_NeoGeoLibrary:Resistor1-5mm		3
R28, R57, R68, R303	10KΩ	1_NeoGeoLibrary:Resistor1-5mm		4
R29	47Ω	1_NeoGeoLibrary:Resistor1-5mm		1

R30, R31	4.7KΩ	1_NeoGeoLibrary:Resistor1-5mm		2
R33, R34	10Ω	1_NeoGeoLibrary:R76		2
R46, R49, R53	27KΩ	1_NeoGeoLibrary:Resistor1-5mm		3
R47, R48	47KΩ	1_NeoGeoLibrary:Resistor1-5mm		2
R50-R52, R75	3KΩ	1_NeoGeoLibrary:Resistor1-5mm		4
R56	820Ω	1_NeoGeoLibrary:Resistor1-5mm		1
R58-R60	6.8KΩ	1_NeoGeoLibrary:Resistor1-5mm		3
R62-R65, R401, R501	75Ω	1_NeoGeoLibrary:Resistor1-5mm		6
R70, R72	1MΩ	1_NeoGeoLibrary:Resistor1-5mm		2
R71	10Ω	1_NeoGeoLibrary:Resistor1-5mm		1
R74	220KΩ	1_NeoGeoLibrary:Resistor1-5mm		1
R76, R78	1K	1_NeoGeoLibrary:R76	Not Fitted when 9v Circuit	2
R77	0.18	1_NeoGeoLibrary:R77	Not Fitted when 9v Circuit	1
R79, R82	510	1_NeoGeoLibrary:R76	Not Fitted when 9v Circuit	2
R80	470	1_NeoGeoLibrary:R76	Not Fitted when 9v Circuit	1
R81	100	1_NeoGeoLibrary:R76	Not Fitted when 9v Circuit	1
R83	150	1_NeoGeoLibrary:R83	Not Fitted when 9v Circuit	1
R101, R102	100K	1_NeoGeoLibrary:Resistor1-5mm		2
R302	30KΩ	1_NeoGeoLibrary:Resistor1-5mm		1
R402, R502	51KΩ	1_NeoGeoLibrary:Resistor1-5mm		2
R403, R503	15KΩ	1_NeoGeoLibrary:Resistor1-5mm		2
R5814, R5863	0	1_NeoGeoLibrary:PAL		2
RA1	4.7ΩX4	1_NeoGeoLibrary:R_Array_SIP5		1
RN1	22ΩX4	1_NeoGeoLibrary:RN2		1
RN2	22Ω	1_NeoGeoLibrary:RN2		1
RV1	Headphone Slic	1_NeoGeoLibrary:RV1		1
SW1	RESET SWITCH	1_NeoGeoLibrary:SW1		1
SW2	POWER SWITCH	1_NeoGeoLibrary:SW2		1
T1	SH-302	1_NeoGeoLibrary:T1		1
TC1	0-50p	1_NeoGeoLibrary:TC		1
TP1	TestPoint	1_NeoGeoLibrary:TestPoint_Pad_D1.5mm		1
TP2	TestPoint	TestPoint:TestPoint_THTPad_D1.5mm_Drill0.7mm		1
U1, U2, U17, U18	uPD43256AGU	1_NeoGeoLibrary:43256		4
U3	HD68HC000P	1_NeoGeoLibrary:68000		1
U4	NEO-C1	1_NeoGeoLibrary:NEO-C1		1
U5	NEO-G0	1_NeoGeoLibrary:NEO-G0		1
U6, U7	uPD4364CX-12	1_NeoGeoLibrary:DIP-28_W7.62mm		2
U8, U80	74HC04	1_NeoGeoLibrary:DIP-14_W7.62mm		2
U9, U10	74LS273	1_NeoGeoLibrary:DIP-20_W7.62mm		2
U11	74LS05	1_NeoGeoLibrary:DIP-14_W7.62mm		1
U12	74LS06	1_NeoGeoLibrary:DIP-14_W7.62mm		1
U13	NEO-B1	1_NeoGeoLibrary:NEO-B1		1
U14	PST518B	1_NeoGeoLibrary:PST518B		1
U15	74LS244	1_NeoGeoLibrary:DIP-20_W7.62mm		1
U16	TC531000AP	1_NeoGeoLibrary:DIP-28_W15.24mm		1
U19, U20	CXK5864P-35	1_NeoGeoLibrary:DIP-28_W7.62mm		2
U21	LSPC2	1_NeoGeoLibrary:LSPC2		1
U22	NEO-D0	1_NeoGeoLibrary:NEO-G0		1
U23	HM6116ASP-2K	1_NeoGeoLibrary:DIP-24_W7.62mm		1
U24	Z80CPU	1_NeoGeoLibrary:DIP-40_W15.24mm		1
U26	YM3016D	1_NeoGeoLibrary:DIP-16_W7.62mm		1
U27	YM2610	1_NeoGeoLibrary:68000		1
U28, U29	PC4741	1_NeoGeoLibrary:DIP-14_W7.62mm		2
U32	CXA1145P	1_NeoGeoLibrary:DIP-24_W10.16mm		1
U33	74AS04	1_NeoGeoLibrary:DIP-14_W7.62mm		1
U34	NEO-E0	1_NeoGeoLibrary:NEO-G0		1
U35	74LS259	1_NeoGeoLibrary:DIP-16_W7.62mm		1
U36	27C1024	1_NeoGeoLibrary:DIP-40_W15.24mm		1
U37	LM2576T-5	Package_TO_SOT_THT:TO-220-5_Vertical	Not Fitted when 5v Circuit	1
U38	74HC32	1_NeoGeoLibrary:DIP-14_W7.62mm		1
U39	CX23065A	1_NeoGeoLibrary:CX23065A		1
X1	24.167829MHz	1_NeoGeoLibrary:Crystal		1
X2	3.579545MHz	1_NeoGeoLibrary:Crystal		1