

RESISTORS

8	RLED resistor for LED	R9, R21, R28, R45, R52, R69, R76, R93		
8	680Ω 1%	R7, R23, R26, R47, R50, R71, R74, R95	KOA Speer metal film MF1/4DC6800F	660-MF1/4DC6800F
8	820Ω 1%	R11, R24, R25, R48, R49, R72, R73, R96	KOA Speer metal film MF1/4DC8200F	660-MF1/4DC8200F
24	47k 1%	R4, R5, R6, R18, R19, R20, R29, R30, R31, R42, R43, R44, R53, R54, R55, R66, R67, R68, R77, R78, R79, R90, R91, R92	KOA Speer metal film MF1/4DC4702F Xicon 271-47K-RC	660-MF1/4DC4702F 271-47K-RC
8	100k 1%	R8, R14, R35, R38, R59, R62, R83, R86	KOA Speer metal film MF1/4DC1003F Yageo MF0207FTE52-100K Xicon 271-100K-RC	660-MF1/4DC1003F METALL 100K 271-100K-RC
24	150k 1%	R1, R2, R3, R15, R16, R17, R32, R33, R34, R39, R40, R41, R56, R57, R58, R63, R64, R65, R80, R81, R82, R87, R88, R89	KOA Speer metal film MF1/4DC1503F Xicon 271-150K-RC	660-MF1/4DC1503F 271-150K-RC
8	470k 1%	R12, R13, R36, R37, R60, R61, R84, R85	KOA Speer metal film MF1/4DC4703F Xicon 271-470K-RC	660-MF1/4DC4703F 271-470K-RC
8	1M 1%	R10, R22, R27, R46, R51, R70, R75, R94	KOA Speer metal film MF1/4DC1004F Xicon 271-1.0M-RC	660-MF1/4DC1004F 271-1.0M-RC

CAPACITORS

8	470pF	C1, C7, C10, C15, C18, C23, C26, C31	TDK COG (NP0) FK28C0G1H471J	810-FK28C0G1H471J
16	10nF (=0.01uF)	C2, C4, C6, C8, C9, C11, C14, C16, C17, C19, C22, C24, C25, C27, C30, C32	TDK COG (NP0) FK28C0G1H103J Epcos MKT B32529C103J TDK COG (NP0) 5% 5mm FK22C0G2J103J	810-FK28C0G1H103J 871-B32529C103J 810-FK22C0G2J103J
8	22nF (=0.022uF)	C3, C5, C12, C13, C20, C21, C28, C29	TDK COG (NP0) FK24C0G1H223J Epcos MKT B32529C223J	810-FK24C0G1H223J 871-B32529C223J

SEMI'S

40	1N4148	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40		
8	BC547	Q1, Q5, Q12, Q13, Q20, Q21, Q28, Q29		

24 BC557 Q2, Q3, Q4, Q6, Q7, Q8, Q9, Q10,
Q11, Q14, Q15, Q16, Q17, Q18,
Q19, Q22, Q23, Q24, Q25, Q26,
Q27, Q30, Q31, Q32