































	Description	Designator	Footprint	LibRef	Quantity
	1	C1, C2, C5, C6, C7, C9, C10, C11, C13,			1
		CB, CTB, CTT, CTS, CT4, CT5, CT8, CT9, C27, C23, C25, C32, C36, C201, C204, C205, C206, C300, C301, C302, C303, C304, C305, C307, C308, C309, C310, C311, C418, C432, C501, C701, C703, C706, C801			
		C25, C32, C36, C201, C204, C205.			
		C206, C300, C301,			
		C305, C307, C308,			
		C309, C310, C311, C418, C432, C501,			
10.6	Canacitor	C701, C703, C706, C801	C0805	Can	4
iour	Capacitor		Cueus	Смр	*
		28, C16, C20, C22, C24, C28, C31, C33, C34, C35, C202, C203, C401, C403, C405, C406, C409, C411, C412, C414, C415, C417, C422, C425, C427, C428, C422, C431, C433, C500, C601, C602, C603, C702, C600			
		C202, C203, C401,			
		C409, C411, C412,			
		C422, C425, C427,			
		C428, C429, C431,			
		O602, O603, C702,			
100nF 100nF	Capacitor	C800 C12, C17	0603	Cap	3:
100nF 1nF	Capactor	C12, C17 C28	0603	Cap	
18pF	Capacitor	C29, C30	0603	Сар	
10nF	Capacitor	C200, C313	0603	Cap	
82nF	Capacitor	C312, C314	0603	Cap	
3,9nF	Capacitor	C315	0603	Cap	
0.22ur 5:F	Capacitor	C700	C0805	Can	
	High Performance				
ned	Chip LED, Red High Performance	D1, D400	2.0x1.25X0.8	HSMZ-C170	-
blue	Chip LED, Blue	D2	2.0X1.25X0.8	HSMZ-C170	
MBR0520	Schottky Rectifier High Performance	D300	SOD123	10BQ015	
yellow	Chip LED. Yellow	D401	2.0X1.25X0.8	HSMZ-C170	
green	High Performance Chip LED, Green	D402	2.0x1.25X0.8	HSMZ-C170	
,	High Performance Chip LED, Green High Performance Chip LED, White				
ener En er ov	ursp LED, White	D403	2.0X1.25X0.8 PLCC6	HSMZ-C170 RGBLED_PLC08	
RGBLED_PLCO8		D700			l
74AHC1G32	Single 2 input OR gate	IC400, IC403	SOT353-5AN	TINYLOGIC NC7S08	
				Faeched	<u> </u>
74AHC1G04	Single INV gate	IC402	90T353-5AN	TINYLOGIC NC7508	
MCP1824-T330	3.3V LDO Votage regulator	IC404, U202, U701	SOT23-5BM		
mur 1024-1330			∞123-0dM	MCP1824-T330 Failchild	- '
74AHC1G08	Single 2 input AND gate	IC405	SOT353-5AN	Harchid TINYLOGIC NC7S08 Harchid	
	Single tristate driver			Hallehild Tilyon Octo	
74AHC1G240	Single tristate driver gate	IC500, IC501	SOT353-5AN	TINYLOGIC NC7S08	:
		JP1, P200, P400, P403, P404, P407, P408, P409, P410, P411, P700			
MHDR2X5	Header, 5-Pin, Dual	P408, P409, P410,		MHDR2X5	l
	row	r+11, P700 L1, L400, L401,	stagger2X5_1.27		1
10uH	Inductor 1457859	L1, L400, L401, L402, L403, L600	0805 INDC4516AN	Inductor	
2,2uH Inductor 22uH	Inductor	12		Inductor Museta 4x4mm	
1167707		L300	COIL_megalarge	Inductor	
Battery	Header, 2-Pin Hirose_30pin_0.5m	P2	HDR1X2	Header 2	,
neose_30pin_topsid e_DF12-30DS		P3, P4, P401, P402	m Super_U.Sm	hirose_30pin_0.55	
Speaker	Header, 2-Pin	PS PS	HDR1X2	Header 2	
Header 6	Header, 6-Pin	P6	HDR1X6	Header 6	
Header 6 hrose_30pm_botto mside_DF12(4.0)- 30DP	Hirose_30pin_0.5m		Hirose_30pin_0.5m		
	m	P7, P8, P405, P406	m	hirose_30pin_0.55	<u> </u>
MOTOR	Header, 3-Pin N-channel	P500	MHDR1X3	Header 3	
	Enhancement Mode MOSFET			RSH1M3	
BSH103	HEXEL Power	Q1	90T23-3L		
IRF7201	MOSFET	Q300	SONSuper8	IRF7201	
100K	Resistor	R1, R2	0402	Res2_1	
		R3, R28, R29, R30,			
		R413, R414, R415, R416, R417, R419			
		R423, R424, R425,			
		R438, R437, R442,			
		R443, R445, R451, D463, D467, D469			
		R704, R803, R804,			
OR .	Resistor	R805, R806, R808	0402	Res1, Res2_1	3
		R21, R22, R23,			
		R27, R200, R204,			
		R411 R420 R421			
		R411, R420, R421, R422, R428, R429,			
		R411, R420, R421, R422, R428, R429, R430, R431, R432, R438, R439, R440			
		R411, R420, R421, R422, R428, R429, R430, R431, R432, R438, R439, R440, R441, R444, R453, R460, R860, R861			
106	Resistor	R411, R420, R421, R422, R428, R429, R430, R431, R432, R438, R439, R440, R441, R444, R453, R500, R800, R801, R802	0402	Res2, Res2_1	3:
10K 560K	Resistor Resistor	163, PLZ-PC3, PC3-16,	0402 0402	Res2_Res2_1 Res2	3
10K 560K 880K	Resistor Resistor Resistor	R6, R7 R8	0402 0402 0402	Res2, Res2_1 Res2 Res2	36
		R6, R7 R8	0402 0402 0402		3:
		R6, R7 R8 R9, R15, R16, R446, R447, R448, R454	0402 0402 0402 0402		30
		R6, R7 R8 R9, R15, R16, R446, R447, R448, R454 R17, R20	0402 0402 0402 0402		3:
680K 100R 4K7 6K5 47R		R6, R7 R8 R8, R15, R16, R446, R447, R448, R454 R17, R20 R31 R201	0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1	38
680K 100R 4K7 6K5 47R		R8, R7 R8 R9, R15, R18, R446, R447, R448, R454 R17, R20 R31 R201 R202, R302, R807	0402 0402 0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res1, Res2_1	3:
680K 100R 4K7 6K5 47R 11K		R8, R7 R8 R9, R15, R16, R446, R447, R448, R454 R17, R20 R31 R201 R202, R302, R807	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1	3:
680K 100R 4K7 6K5 47R		R8, R7 R8 R9, R15, R18, R446, R447, R448, R454 R17, R20 R31 R201 R202, R302, R807	0402 0402 0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res1, Res2_1	38
100R 4K7 6K5 47R 11K 11K 90,1K		R8, R7 R8 R9, R15, R18, R446, R447, R448, R454 R17, R20 R31 R201 R202, R302, R807 R301 R301 R303	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res1, Res2_1	36
100R 4K7 6K5 47R 11K 11K 90,1K	Pasistor	R8, R7 R8 R9, R15, R18, R446, R447, R448, R454 R17, R20 R31 R201 R202, R302, R807 R301 R301 R303	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res1, Res2_1	3:
880K 100R 4K7 4K7 5K5 47R 1K 11K 30,1K 30,1K 25/Chm 22,65K	Resistor	R6, R7 R8 R8 R9 R150, R151, R160, R446, R447, R448, R477, R20 R31 R201 R201 R300 R301 R300 R301 R300 R301 R300 R301 R308 R412, R418, R448, R456, R456, R456, R706	0402 0402 0402 0402 0402 0402 0402 0402	Res2 1 Res2_1	30
880K 100R 44K7 8K5 47R 1K 11K 30,1K 25mChm 2,55K	Resistor	R6, R7 R8 R8 R846, R15, R16, R446, R47, R448, R454 R17, R20 R31 R202, R302, R807 R300 R300 R300 R300 R300 R300 R300 R3	0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402	Res2 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1	3:
880K 100R 4K7 6K5 6K5 11K 11K 30,1K 25mChm 25mChm 26KNM) 47K 45K1	Resistor	R6, R7 R8 R8 R9, R15, R15, R16, R446, R447, R448, R457, R200 R317, R201 R201 R201 R202, R302, R807 R301 R300 R301 R300 R317, R418, R449, R450, R455, R456, R700 R700	0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402	Res2 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1	31
880K 100R 4467 8K5 47R 11K 11K 30,1K 25mChm 2,55K 0R(NM) 47K 5Rt 2RA	Resistor	R6, R7 R8 R8 R846, R15, R16, R446, R47, R448, R454 R17, R20 R31 R202, R302, R807 R300 R300 R300 R300 R300 R300 R300 R3	0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402 0402	Res2 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1	31
880K 100R 4467 8K5 47R 11K 11K 30,1K 25mChm 2,55K 0R(NM) 47K 5Rt 2RA	Resistor	R8, R7 R8 R8 R8, TKIS, K18, R8 R446, R447, R448, R454 R17, R20 R31 R201 R202, R302, R807 R300 R300 R300 R301 R303 R301 R304 R306 R306 R307 R406 R706 R706 R706	0402 0402 0402 0402 0402 0402 0402 0402 0402 1206 0402 0402 0402 0402 0402 0402	Res2 Res2_1 Res2_	31
886K 100R 4K7 8K5 1K7 1K7 1K7 1K 100,1K7 256KChm 06(pW4) 47K 256KChm 47K 26KChm 88K1 26KCh	Resistor	R8, R7 R8 R8 R8, TKIS, K18, R8 R446, R447, R448, R454 R17, R20 R31 R201 R202, R302, R807 R300 R300 R300 R301 R303 R301 R304 R306 R306 R307 R406 R706 R706 R706	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1	3:
1000R 4K7	Resistor	Risk, RY Risk,	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res1_Res2_1 Res2_1	3
1500R 4K7	Resistor	786, R7 987 988, R7 988 989 989 989 989 989 989 989 989 98	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res2_1 Res1_Res2_1 Res2_1	3/3
1000R 4K7	Passister Passis	Risk, RY Risk,	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1	3:
1500R 4K7 1500R 4K7 KK7 KK7 150K5 47R KK 151K 30,11K 30,1K	Passister Passis	Res, RCP RES	0402 0402 0402 0402 0402 0402 0402 0402	Read2_1 Read2_	3:
9890K 4K7 4K7 4K7 4K7 4K7 4K7 4K7 4	Passister Passis	868, R7 987 888 889 889 889 889 889 889 889 88	0402 0402 0402 0402 0402 0402 0402 0402	Read2_1 Read2_	3
1500R 4K7 1500R 4K7 KK7 KK7 150K5 47R KK 151K 30,11K 30,1K	Passister Passis	Res, RCP RES	0402 0402 0402 0402 0402 0402 0402 0402	Read2_1 Read2_	313
9660C 100R 467 467 467 468 478 58 58 58 58 58 58 58 58 58	Passister Resister Resis	60, R7 90, R18	0402 0402 0402 0402 0402 0402 0402 0402	Read 7 Read 1 Read 1 Read 1 Read 2 Read 3 Read 2 Read 3 Read 2 Read 3 Read 2 Read 3 Re	30
0660C 100R	Passister	868, R7 987 888 889 889 889 889 889 889 889 88	0402 0402 0402 0402 0402 0402 0402 0402	Read2_1 Read2_	30 30 30 30 30 30 30 30 30 30 30 30 30 3
0660C 100R	Passister	606, R7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0402 0402 0402 0402 0402 0402 0402 0402	Read2_1 Read2_	30
5500 STORY STATE OF S	Passister Resister Resis	606, R7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0402 0402 0402 0402 0402 0402 0402 0402	Read2_1 Read2_	2
5500 STORY STATE OF S	Plassider Plassi	868, R7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0402 0402 0402 0402 0402 0402 0402 0402	Nest2, 1 Nes	3
5500 STORY STATE OF S	Plassider Plassi	868, R7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0402 0402 0402 0402 0402 0402 0402 0402	Nest2, 1 Nes	2
9500K 9500K 9500K 9607 9605 9605 9605 9605 9605 9605 9605 9607 9605 9607 9606 9607 9606 9607 9606 9607 9606 9607 9606 9607 9606 9607 9606 9607 9606 9606	Plassider Plassi	88, R7 (1975) R84, P147, P148, R84, P147, P148, R84, P147, P148, R84, P147, P148, P147, P1	0402 0402 0402 0402 0402 0402 0402 0402	Resiz 1 Resiz	3
9660K 900R 900R 900R 900S 900S 900S 900S 900S	Resident Res	868, R7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Re	
9660K 900R 900R 900R 900S 900S 900S 900S 900S	Processor Proces	98, R7 (1997) (1	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Re	
9660K 900R 900R 900R 900S 900S 900S 900S 900S	Passaber Passab	868, R7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0402 0402 0402 0402 0402 0402 0402 0402	Read 1 Re	3
9660K 900R 900R 900R 900S 900S 900S 900S 900S	Processor Proces	98, R7 (1997) (1	0-002 0-002	Res2_1 Re	
9660K 900R 900R 900R 900R 900R 900R 900R 90	Passaber Passab	988, R7 (1975) 1988 (1975) 198	0402 0402 0402 0402 0402 0402 0402 0402	Res2_1 Re	
9660K 900R 900R 900R 900R 900R 900R 900R 90	Photosiser Photos	98. R.P. 198. THIS THIS 198. THIS 1	0-002 0-002	Res2_1 Re	
9660K 900R 900R 900R 900R 900R 900R 900R 90	Photosiser Photos	98. R.P. 198. THIS THIS 198. THIS 1	0-002 0-002	Res2_1 Re	
9660K 900R 900R 900R 900R 900R 900R 900R 90	Processor Parameter	98. R.P. 198. THIS THIS 198. THIS 1	0-002 0-002	Res2_1 Re	
6000 6000 6000 6000 6000 6000 6000 600	Processor Parameter	186. RP 187. RPIR. RPIR. RPIR. RPIR. RPIR. RPIR. RPIR. RPIR. RAME, RAME, RPIR.	0402 0402 0402 0402 0402 0402 0402 0402	Read 2,1 Read 3,1 Rea	
960K 950R 967 966 967 966 968 97R 1K	Placement Parameter Parame	98. R.P. 198. THIS THIS 198. THIS 1	0-002 0-002	Res2_1 Re	