



























Designator BT1	Footprint	Quantity 1	Value
C1	CAPC1005N	1	10uF
C2, C3, C4, C5, C6	CAPC1005N	5	100nF
C7. C8. C9. C10.			
E14, C15, C16,			
C17, C18, C19,			
C37, C38, C39,			
C40, C41, C42, C43, C44, C45,			
C46, C47, C48,			
E56	CAPC1005N	32	100nF
C23, C26	TC7343-2917	2	220uF
		2	47uF
			100pF 1uF
C31, C32			12pF
C33, C34, C35,			
C36, C51, C52, C53, C54, C57,			
C58	CAPC1005N	10	1uF
D9, D11, D13,			
D15, D17, D19,	OVSBBGBCC3 SI		
D27, D29, D31	DE DE	16	
D2, D4, D6, D8,			
D16, D18, D20,			
D22, D24, D26, D28, D30, D32	PLCC4	16	
D33, D34, D37	LED_0603	3	
D38 D39		1	
	TY_NR	2	4.7uH
	-	_	
LCD1 LS1, LS2, LS3,		1	
LS4, LS5, LS6,			
LS7, LS8, LS9, LS10, LS11, LS12,			
LS13, LS14, LS15.	1145 6 7500		
LS16 P1, P2, P6, P7, P8,	AMS_S_SPIN	16	
P9, P10, P11	HDR1X2	8	
P3		1	
P4	54	1	
nr.	Samtec-SSW-116-		
		2	
Q1, Q2, Q3, Q4,	33W-100-01-X-D		
Q5, Q6, Q7, Q8,			
Q12, Q13, Q14,			
Q15, Q16, Q17,			
D21. O22. O23.			
Q24, Q25, Q26,			
O30. O31. O32.			
Q33, Q34, Q35,			
Q36, Q37, Q38, D39. Q40. Q41.			
Q42, Q43, Q44,			
Q45, Q46, Q47, D48	SOT95P230-3N	48	
Q49	SOT-6	1	
	SOIC127P600-	,	
	OAN		
R7, R8, R10, R11,			
K13, K14, K16, R17, R19, R20,			
R22, R23, R25,			
R26, R28, R29, R31, R32, R34,			
R35, R37, R38,			
R44, R46, R47	RESC1608N	32	91R
R3, R6, R9, R12,			
R24, R27, R30,			
R33, R36, R39,	DESC1600N		150R
R49, R50, R53,	WESC 1000M	16	JUK
R54, R55, R56,			
R60, R61, R62,			
R63, R64, R65, R66, R67, R68,			
100, NO7, KDO,			
R87, R88, R89,		22	10k
R90	RESC1608N		
	RESC1608N RESC1608N	5	470R
R90 R51, R52, R82,		5	309k
R90 R51, R52, R82, R83, R84 R69	RESC1608N	5 1 1	
R90 R51, R52, R82, R83, R84 R69 R70 R71, R72, R76,	RESC1608N RESC1608N RESC1608N	1	309k 1.4M
R90 R51, R52, R82, R83, R84 R69 R70 R71, R72, R76, R77	RESC1608N RESC1608N RESC1608N	1 1 4	309k 1.4M 100k
R90 R51, R52, R82, R83, R84 R69 R70 R71, R72, R76,	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	1	309k 1.4M 100k 47k
R90 R51, R52, R82, R83, R84 R69 R70 R71, R72, R76, R77	RESC1608N RESC1608N RESC1608N	1 1 4 2	309k 1.4M 100k
R90 R51, R52, R82, R83, R84 R69 R71, R72, R76, R77 R73, R78	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	1 1 4 2	309k 1.4M 100k 47k 887k
R90 R51, R52, R82, R83, R84 R69 R71, R72, R76, R77 R73, R78	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	1 1 4 2	309k 1.4M 100k 47k 887k 1.3M
R90 (R91 (R92 (R92 (R93 (R93 (R93 (R94 (R94 (R94 (R94 (R94 (R94 (R94 (R94	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	1 1 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M
R90 (R90 (R90 (R90 (R90 (R90 (R90 (R90 (	RESC160BN  RESC160BN  RESC160BN  RESC160BN  RESC160BN  RESC160BN  RESC160BN  RESC160BN  RESC160BN	1 1 4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
R90	RESC160BN	1 4 2 2 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
R90	RESC160BN	1 1 4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
R90	RESC1608N	1 1 4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
890 891 892 882, 883, 884 888, 884 888 888 888 888 888 888 8	RESC1608N CESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
R90 R90 R90 R90 R82, R82, R82, R82, R82, R84 R83, R84 R87, R72, R76, R77, R72, R76, R77, R78 R77, R78 R85 R86 R81 L11, U2 U3	RESC160BN CESC160BN RESC160BN RESC160BN RESC160BN CESC160BN RESC160BN	1 1 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
890 851, 852, 882, 884, 884, 884, 884, 884, 884, 88	RESC1608N CL-S8-128-01T CVP-AN100_L MSOP-10 SOT23-3N	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
990 895, 852, 882, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 883	RESC160BN RESC16	1 1 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
990 990 990 990 990 990 990 990 990 990	RESCIGON RES	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
990 895, 852, 882, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 884, 883, 883	RESC160BN RESC16	1 1 2 2 1 1 4 4 2 2 1 1 1 4 4 2 2 1 1 1 1	309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
	11	11	11