

Designator	Quantity	Footprint	Value	Manufacturer	PartNumber	Description
C34, C37	2	0603_O	12pF	Samsung	CL10C120JB8NNNC	
C32, C33	2	0603_O	18pF	Samsung	CL10C180JB8NNNC	
C56,C58	2	0603_O	18pF	Samsung	CL10C180JB8NNNC	
C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C30, C31, C35, C36, C38, C39, C40, C63, C65, C66, C67, C69, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C108, C110, C112, C113, C114, C115, C116, C117, C118, C119, C120, C122, C123, C124, C125, C126, C127, C128, C130, C132, C134, C135, C136, C137, C138, C141, C142, C143, C144, C145, C146, C147, C148, C150, C152, C153, C154	112	0402_O	100nF	Samsung	CL05B104K05NNNC	
C48,C53,C55,C59,C61	5	0402_O	100nF	Samsung	CL05B104K05NNNC	
C41,C42,C43,C44,C45,C46,C47,C49,C50,C51,C52,C54,C57,C60	14	0402_O	100nF	Samsung	CL05B104K05NNNC	
C62, C64	2	0402_O	1uF	Samsung	CL05A105K05NNNC	
C121, C131	2	0402_O	2.2uF	Samsung	CL05A225MP5NNNC	
C109, C133, C140, C151, C156,C96,C111	7	0603_O	10uF	Samsung	CL10A106KQ8NNNC	
C68, C70, C71	3	TAJA	10uFx16v	Samsung	TCSCS1C106KAAR	Tantal TAJA
C139, C149, C155, C157, C158	5	0805_O	22uF 6,3V	Samsung	CL21A226MQQNNNE	
L1, L2, L3, L4, L5, L6, L7, L8, L9, L11, L12, L13, L14	13	0402_O	120 Ohm	Murata	BLM15AG121SN1D	Ferrite Beads 500mA
L16, L17	2	CDRH2D14	3.3uH	Sumida	CDRH2D14NP-3R3NC	
L10, L15	2	CDRH4D28	2.2uH	Sumida	CDRH4D28NP-2R2NCTR-ND	
J1,J2	2	ILHB1206ER601V		Vishay		
Q1	1	sol23			BC857A,215	
R42, R43, R44, R45, R46, R48, R49, R50, R51	9	0402_O	0	Vishay	CRCW04020000Z0ED	not mounted
R72,R73,R76,R77,R79,R80,R81,R82	8	0402_O	0	Vishay	CRCW04020000Z0ED	not mounted
R54,R57	2	0402_O	22	Vishay	CRCW040222R0JNED	
R89	1	0402_O	43,2_1%	Vishay	CRCW040243R2FKED/VISHAY	
R83, R84	2	0402_O	49,9_1%	Vishay	CRCW040249R9FKED/VISHAY	
R6, R24	2	0402_O	240	Vishay	CRCW0402240RJNED/VISHAY	
R21	1	0402_O	332_1%	Vishay	CRCW0402332RFKED/VISHAY	
R86	1	0402_O	487_1%	Vishay	CRCW0402487RFKED/VISHAY	
R31, R32	2	0402_O	510	Vishay	CRCW0402510RJNED/VISHAY	
R35, R36, R37, R38, R39,R68,R69,R70	8	0402_O	4k7	Vishay	CRCW04024K70JNED/VISHAY	
R55	1	0402_O	4k7	Vishay	CRCW04024K70JNED/VISHAY	
R59,R60	2	0402_O	4k7	Vishay	CRCW04024K70JNED/VISHAY	
R62	1	0402_O	4k99_1%	Vishay	CRCW04024K99FKED	
R58	1	0402_O	10k	Vishay	CRCW040210K0JNED/VISHAY	
R34,R15	2	0402_O	10k	Vishay	CRCW040210K0JNED/VISHAY	
R14, R52, R53	3	0402_O	47K	Vishay	CRCW040247K0JNED/VISHAY	

R40, R41, R85, R90, R91	5	0402_O	121k_1%	Vishay	CRCW0402121KFKED/VISHAY	
R61	1	0402_O	1M	Vishay	CRCW04021M00JNED	
R87, R93, R97, R100, R105, R113, R117, R118	8	0603_O	0	Samsung	RC1608J0RCS	
R74, R75	2	0603_O	0	Samsung	RC1608J0RCS	not mounted
R92, R94	2	0603_O				not mounted
R102, R116	2	0603_O	1k	Samsung	RC1608J102CS	
R111, R112, R63	3	0603_O	1k	Samsung	RC1608J102CS	
R101	1	0603_O	2k	Samsung	RC1608J202CS	
R65, R66, R67, R71	4	0603_O	4k7	Samsung	RC1608F472CS	
R98, R114, R115	3	0603_O	10K	Samsung	RC1608J103CS	
R64, R106-110	6	0603_O	10K	Samsung	RC1608J103CS	
R96, R99, R103	3	0603_O	20k	Samsung	RC1608J203CS	
R104	1	0603_O	30k	Samsung	RC1608J303CS	
R95	1	0603_O	63,4k	Panasonic	ERJ-3EKF6342V	
U2	1	BGA528+100	SPEAr1340	ST	SPEAr1340	
U1, U3	2	BGA96C80P16X9_1400X900X80	MT41J128M16JT	Micron	MT41J128M16HA-125G:D	
U4	1	TSSOP48		Micron	MT29F16G08CBACAWP:C	
U5	1	QFN48		Micrel	KSZ9021RN	
U6	1	TSSOP56		TI	DS90CF383BMT/NOPB	
U9	1	QFN12	ST2S08B	ST	ST2S08BPQR	
U7, U8	2	DFN8	ST1S10	ST	ST1S10PUR	
Y1	1	ABM2-24M	24.000MHz	Abracon Corporation	ABM2-24.000MHZ-D4Y-T	
Y2	1	ECX-71	32768KHz	ECS Inc	ECS-.327-12.5-38	
Y3	1	ABM2-25M	25.000MHz	Abracon Corporation	ABM2-25.000MHZ-D4Y-T	