



Creative
CT6670
2198

DOC REV A00

PARTS	VALUE	PACKAGE	QTY	Note
FB1, FB2, FB6, FB7	600R@100MHZ, >=0.5A	1206	4	
FB3, FB4, FB5	70R@100MHZ, >=0.5A	1206	3	
RA3, RA5, RA6, RA8, RA9, RA10, RA11, RA12, RA13, RA14, RA15, RA16, RA17, RA18, RA19, RA20, RA21, RA22, RA23, RA24, RA25, RA26, RA27, RA28, RA29, RA30, RA31, RA32, RA33, RA34, RA35, RA36, RA37	22R	0603	33	
R32, R34, R38, R51, R67, R68, R70, R71, R83, R84, R85, R86, R97, R98, R101, R102, R111, R112, R116, R117, R118, R159	22R	0603	22	
RA1, RA2, RA4, RA7	47R	0603	4	
R25, R33, R36, R45, R46, R47, R48, R49, R66, R69, R87, R104, R153, R154, R156, R157, R158	47R	0603	17	
R2, R3, R5, R9, R14, R16, R17, R18, R20, R37, R43, R52, R54, R55, R56, R57, R58, R59, R60, R62, R63, R64, R65, R72, R73, R74, R76, R79, R80, R89, R91, R92, R93, R95, R96, R121, R122, R124, R126, R147, R164, R167, R168	4.7kR	0603	43	
R1	1kR	0603	1	
R99	110R	0603	1	
R35	117R	0603	1	
R100	196R	0603	1	
R11, R40, R41, R42	75R	0603	4	
R148	47.5R	1206	1	
R162	332R	1206	1	
R4, R6, R7, R8, R10, R13, R15, R19, R53, R61, R75, R77, R78, R80, R81, R82, R90, R94, R119, R120, R123, R125	DNP	0603	22	
C2, C5, C6, C7, C8, C14, C15, C22, C23, C25, C26, C27, C29, C30, C31, C32, C33, C34, C36, C40, C49, C55	100nF 25V X7R	0603	22	
C11, C12, C18, C19, C24, C48	1nF 25V X7R	0603	6	
C150	100pF 50V C0G	0603	1	
C13, C20	22pF 50V NP0/C0G	0603	2	*1
C3, C4, C16, C17, C35, C37, C42, C43, C44, C45	4.7uF 6.3V X7R	1206	10	*2
C39	22uF 16V TANTALUM	7343	1	
C1, C10, C38	4.7uF 10V TANTALUM	3216	3	
U1	ICS5342-3	PLCC68	1	
U3	500-0009-01	QFP256	1	
U8, U9	500-0010-01	QFP208	2	
U31	74AC244	SOT[C20-W	1	*4
U10	PIS3384Q	QSO-P-24	1	*5
U4, U5, U6, U7, U11, U12, U13, U14, U15, U16, U17, U18	VT514264-25	SOJ40	12	*6
D1	LX8587	TD-263-3	1	*7
D1, D2, D3	BAV99	SOT23-3	3	*8
Y1	14.318MHz	HC49UP	1	
J1	10090926-P154VLF	10090926-P4	1	*9
J2	ICD15S13E6GX00LF	ICD15S13E6G+	1	*10
J3	61203421721	61203421721	1	*11

Note 1. Value may vary between different manufacturing runs if another Y1 model was used.

Note 2. Can be replaced with higher value/higher voltage.

Note 3.

Note 4.

Note 5.

Note 6. Can be replaced with V53C16258HK22 V53C16258HK25 VT514264-25 M11B416256A-25J

SM81C256K16CJ-25 etc.

Note 7.

Note 8.

Note 9. Not original P/N

Note 10. Not original P/N

Note 11. Not original P/N