





















Comment	Description	Designator	Footprint	LibRef	Quantity
0		A0, A1, R25, R26, R27 R53, R57, R95, R99	CH0805R	Resistor	
10uF		C1 C2, C68, C74, C122,	CH1206C	Capacitor	
1uF		C131, C139	CH0805C	Capacitor	
12p 3p		C3, C8 C4, C7, C47	CH0805C CH0805C	Capacitor Capacitor	
10p		C5	CH0805C	Capacitor	
47uF	+	C6 C9, C16, C23, C39, C42, C45, C57, C58,	CH1206C	Capacitor	
		C42, C45, C57, C58,			
100n		C59, C60, C61, C62, C69, C75, C85, C86, C87, C88, C94, C97,	CH0805C	Capacitor	
		C87, C88, C94, C97, C128, C133, C141.			
		C143, C144, C145 C10, C20, C25, C38,			
1n		C64, C134 C11, C15, C17	CH0805C	Capacitor	
33pF	_	C11, C15, C17 C12, C18, C21, C24,	CH0805C	Capacitor	-
100pF		C26, C28, C30, C34	CH0805C	Capacitor	
470pF 10pF	+	C13, C19, C31, C149 C14, C22, C27	CH0805C CH0805C	Capacitor Capacitor	
330pF 180pF		C29, C32	CH0805C	Capacitor Capacitor	
10n		C35, C37, C41, C92,	CH0805C	Capacitor	
8p2	+	C116, C123 C36	CH0805C	Capacitor	
4.7uF 68p		C40, C89 C43, C49, C104	CH0805C	Capacitor Capacitor	
10uF		C44, C96 C46, C56, C66, C99.	CH0805C	Capacitor	
100p		C46, C56, C66, C99, C119, C129, C130,	CH0805C	Capacitor	
4.7n		C48, C78, C110, C111 C120, C137	CH0805C	Capacitor	
33p		C50, C51, C52, C53, C54, C55	CH0603C	Capacitor	
330p		C63 C67	CH0805C	Capacitor	
2.2uF 47p		C65, C135 C70, C72, C76	CH0805C CH0805C	Capacitor Capacitor	
20pF			CHIROSC	Capacitor	Ľ
4.7n 22uF	 	C77, C121, C138 C79, C95, C105, C107	CH1206C	Capacitor	
220F 470p	+	C124, C140 C80	CH1206C	Capacitor	
30p		C81	CH1206C	Capacitor	
36p 47p	_	C82 C83	CH1206C CH1206C	Capacitor Capacitor	
22p 22n/89n	_	C84 C90	CH1206C	Capacitor	—
33p/89p 22p/78p		C91	CH0805C CH0805C	Capacitor Capacitor	
100p	T	C93 C112 C113	CH0603C	Capacitor	ľ
15p		C115, C147 C98, C101	CH0805C	Capacitor	
110p 27p	+	C100 C102, C108	CH0805C CH0805C	Capacitor Capacitor	-
15p		C103, C106 C114	CH0603C CH0603C	Capacitor	
1uF 1n	+	C114 C117	CH0603C	Capacitor	
2.2uF		C118	CH0603C	Capacitor	
100p 100n		C125 C126, C127	CH1210C CH0603C	Capacitor Capacitor	
220p 470p		C136 C142	CH0805C CH1210C	Capacitor Capacitor	
PE42641		D1, D2	16-QFN (3x3)	PE42641	
BAV99 AMS117-ADJ	+	D3, D4, D5, D6 DA1, DA2, DA3	S0T23_132 S0T223	BAV99 AMS117	
BLM21PG121SN1D BLM21		FB1, FB2, FB3 FB4, FB5, FB6	CH0805L CH0805L	FB-1	
IM06	_	KI	IMD6	IM06-V1	
G6S-2_DUBL 0.68uH		K2, K3, K4	G6S-2_DUBL L1210	G6S-2_DUBL TRANS	
1uH		L1, L2, L3 L4, L14, L19, L20, L24	L1210	TRANS, Inductor ring	
TuH T2nH	+	L5, L25 L6, L8	katuhka katuhka	Inductor ring Inductor ring	
10nH 0.047uH		L7 L9, L10, L11	katuhka	Inductorring	
92nH/8nH	+	L12, L13	L-FNC_V3 L1210	TRANS	
180nH		L15, L17 L16	L1210	TRANS TRANS	
22nH 4.7nH		L22	L1210 L1210	TRANS	
1nH 300	-	L23 R1, R5	L1210 CH1206R	TRANS Resistor	-
0 / 13.2x NOE / 13.3x		R2	CH0805R CH0805R	Resistor Resistor	
18	-	R4	CH1206R	Resistor	
10k		R6, R7, R8, R9, R13, R23, R24, R28, R58	CH0805R	Resistor	
1k		R73, R74, R75 R10, R21, R60	CH0805R	Resistor	
51k 220R	+	R11	CH0805R	Resistor	
220R		R12	CH0805R CH0805R	Resistor	
				Resistor Resistor	
		R14, R16, R18, R19 R15	CHUBUSK		
120R		R14, R16, R18, R19 R15 R17 R20, R59	CH0805R CH0805R CH0805R	Resistor Resistor	
120R 4.7k 33+33		R17 R20, R59	CH0805R CH1206R	Resistor Resistor	
120R 4.7k 33+33		R17 R20, R59 R22, R71, R72 R30, R31, R32, R33,	CH0805R	Resistor	
120R 4.7k 33+33 1k		R17 R20, R59 R22, R71, R72 R30, R31, R32, R33, R34, R45 R46, R48, R50, R62,	CH0905R CH1206R CH0603R	Resistor Resistor Resistor	
120R 4.7k 333+33 1k		R17 R20, R59 R22, R71, R72 R30, R31, R32, R33, R34, R45 R46, R48, R50, R62, R68, R80, R89, R90, R92	CH0805R CH1206R CH0603R CH0805R	Resistor Resistor Resistor	
120R 4.7k 33+33 1k		R17 R20, R59 R22, R71, R72 R30, R31, R32, R33, R34, R45 R46, R48, R50, R62, R68, R80, R89, R90, R92 R47, R65, R88	CH0905R CH1206R CH0603R	Resistor Resistor Resistor	
120R 4.7k 333+33 1k 300 18 100 10K		817 R20, R59 922, R71, R72 R30, R31, R32, R33, R34, R45 R46, R48, R50, R62, R66, R80, R89, R90, R92 R47, R65, R83 R49, R79, R91 R49, R79, R91 R51, R81, R93	CH0805R CH1206R CH0603R CH0805R CH0805R CH0805R CH0805R CH0805R RES: 3296W	Resistor Resistor Resistor Resistor Resistor Resistor Resistor ADJ resistor	
120R 4.7k 33+33 1k 300 18 100 10K 55.1k		917 920, R59 922, R71, R72 830, R31, R32, R33, 824, R45 944, R48, R50, R62, R66, R80, R89, R90, R92 847, R65, R83 849, R79, R91 R51, R81, R93 R54, R56, R96, R98 855, R85, R75	CH0805R CH1206R CH0603R CH0805R	Resistor Resistor Resistor Resistor Resistor Resistor	
120R 4.7k 333+33 1k 300 18 100 10K		917 R20, R59 922, R71, R72 R30, R31, R32, R33, R34, R45 R46, R48, R50, R62, R66, R80, R89, R99, R92 R47, R65, R88 R49, R79, R91 R51, R81, R93 R54, R56, R96, R98	CH0805R CH1206R CH0603R CH0605R CH0805R CH0805R CH0805R RES- 3296W CH0805R CH0805R CH0805R CH0805R	Resistor Resistor Resistor Resistor Resistor Resistor ADJ resistor Resistor Resistor Resistor Resistor Resistor Resistor	
1208 4.7k 33-33 1k 18 100 100 10K 5.1k 5.1k 50°		917 920, R59 R22, R71, R72 R30, R31, R32, R33, R34, R45 P46, R48, R50, R62, R67, R86, R89, R89, R90, R77, R65, R88 R49, R79, R91 P51, R81, R93 R54, R56, R96, R98 R55, R85, R97 R65, R88	CH0005R CH1006R CH0603R CH0605R CH0603R CH0603R	Resistor	
120R 4.7k 33.3-33 1k 1k 18 100 10K 5.1k 5.1k 5.0 0 0		\$17 \$20, 859 \$22, 871, 872 \$30, 831, 832, 833, \$24, 845 \$46, 848, 850, 862, 866, 888, 899, 890, 892 \$47, 865, 888 \$49, 879, 891 \$51, 881, 893 \$54, 856, 898, 898 \$55, 885, 876, 878 \$55, 885, 876, 878 \$55, 885, 876, 878	CH8005R CH1206R CH10603R CH3005R CH3003R CH3003R CH3003R CH3003R CH3003R CH3003R	Resistor	
1208 4.1% 333-33 1k. 300 18 100 10K 5.1% 50° NOE 0 0 18 300 5.1%		817 220, ISS9 922, IST1, 872 920, ISS9 922, IST1, 872 920, ISS1, ISS2, ISS3, I	CH900SR CH960SR CH960SR CH960SR CH960SR CH900SR	Secistor Secistor Secistor Resistor	
120R 4.1% 334:33 11k 11k 118 300 100 100 100 100 100 100 100 100 100		\$17 \$20, 859 \$22, 871, 872 \$30, 831, 832, 833, \$24, 845 \$46, 848, 850, 862, 866, 888, 899, 890, 892 \$47, 865, 888 \$49, 879, 891 \$51, 881, 893 \$54, 856, 898, 898 \$55, 885, 876, 878 \$55, 885, 876, 878 \$55, 885, 876, 878	CH900SR CH12048 CH9603R CH960SR CH900SR CH900SR CH900SR CH900SR CH900SR CH900SR CH900SR CH900SR CH9003R	Resistor	
120R 4.1% 333+33 1k. 18 100 100 10K 5.1k. 50° 10K 9.11k. 100 10K 9.11k. 10K 9.11k. 10K 9.11k. 10K 9.11k. 10K 9.11k. 10K 9.11k. 10K. 10K. 10K. 10K. 10K. 10K. 10K. 10K		817 220, ISS9 922, 2877, 872 923, ISS9, IS	CH000SR CH060SR CH060SR CH060SR CH000SR CH000SR CH000SR CH000SR CH000SR CH1200R CH060SR CH1200R CH060SR CH060S	Besistor Resistor	
4.7k 334-33 11k 300 18 100 10K 5.1k 50' NOE 0 18 300 5.5.1k 50' NOE 0 18 300 5.5.1k 85979533 85979503		817 220, 1559 822, 1871, 872 820, 1873, 872 820, 1831, 872 823, 1831, 872, 873, 874, 874, 874, 874, 874, 874, 874, 874	CH000SR CH1204R CH0603R CH000SR CH000SR CH000SR CH000SR CH000SR CH000SR CH000SR CH000SR CH0003R CH0003	Resistor Res	
120R 4.1% 33433 1k 300 18 100 100 10K 5.1k 50° NOE 0 18 300 5.1k 85 W 8553 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19		817 220, ISS9 922, 2877, 872 923, ISS9, IS	CH800SR CH100SR CH800SR CH800SR CH800SR CH800SR CH800SR ES 2729W CH800SR ES 2729W CH800SR SS 500SR SS 500	Resistor Res	
2008 4. 7x 33.33 11x 11s 11s		817 200, ISS9 920, ISS9 92	CH0005R CH1004R CH0603R CH0603R CH0603R CH0605R CH0005R GH0005R SE3 2790W CH0005R GE3 2790W CH0005R CH0005R CH0005R CH0005R CH0003R SE3 2790W SE	Redutor Reduto	
2008 4. A. R. A. R. A. R. A. R. A. R. A. A. A. R. A. A. A. R. A.		817 200, ISS9 920, ISS9 92	CH800SR CH900SR CH900SR CH900SR CH900SR CH900SR CH900SR SS 1794W CH900SR SS 1794W CH900SR SS 1794W SS 2794W S	Resistor Res	
2208 4. ft. 7. d.		817 S20, ISS9 R22 S20, ISS9 R24 S20, ISS9 R2	0-980058 0-1012068 0-980058 0-980	Recistor Becistor Decistor Becistor Bec	
1208 4.4 78. 33-33 19. 18. 1000 18. 1000 18. 1000 100 1		927 200 899 877 872 200 873 873 873 873 873 873 873 873 873 873	0-980058 0117,004 040,0058 0-9800	Beddoor Bendoor Bendoo	
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2208 (4 R. 2020 (1 R.		927 200 899 877 872 200 873 873 873 873 873 873 873 873 873 873	0-980008 0-910008 0-900008 0-900008 0-900009 0-9000009 0-9000009 0-9000009 0-9000009 0-900000009 0-90000000000	Bestinary Best	
1208 H. A. T.		927 200 699 1972 2	0-980008 0-112067 0-980008 0-980008 0-980009 0-9800	Recision Recisi	
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1208 4 4 78 13-13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		927 20 20 20 20 20 20 20 20 20 20 20 20 20	0-90008 0-9	Bedder Be	
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