

PSEB, MICROPROCESSOR
PL-R8U1FA3221Z DCN 56903

Rev B
APPROVAL *W. M. A.* DATE *1/21/06*

PANASONIC AVIONICS CORPORATION

PARTS LIST

LF DCS RELEASED Date **JAN 26 2006**

Rev B Initials KA

Panasonic Avionics Corporation
26200 Enterprise Way
Lake Forest, CA 92630
Cage Code 1UL05

Item	Qty	Reference	Value	Rating	Tol	Footprint	Saf	Description	ACS Part Number	Vendor	Part Number
1	1	N/A	N/A	N/A	N/A	N/A		PCB, PSEB, MICROPROCESSOR	R5UG208Z	PANASONIC	R5UG208Z
2	2	C111 C132	100uF	35V	20%	AE Case D		CAPACITOR, ALUMINUM ELECTROLYTIC	C107255001	PANASONIC	EEVHA1V101XP
3	2	C203 C204	330uF	10V	20%	AE Case G		CAPACITOR, ALUMINUM ELECTROLYTIC	C337252001	SANYO	10SVP330MX
4	1	C178	470uF	16V	20%	OTHER		CAPACITOR, ALUMINUM ELECTROLYTIC	C477253001	NICHICON	UUX1C471MNL1GS
5	45	C2 C4 C86 C87 C137 C138 C149 C151 C171 C180 C188 C516 C550 C627 C648 C745 C746 C747 C823 C824 C826 C858 C937 C944 C945 C946 C962 C963 C968 C1007 C1009 C1010 C1025 C1040 C1042 C1048 C1057 C1058 C1067 C1100 C1152 C1158 C1160 C1247 C1459	1000pF	50V	10%	CC1005_0402		CAPACITOR, CERAMIC CHIP	C102155001	PANASONIC	ECJ0EB1H102K
6	4	C1471 C1472 C1473 C1474	1000pF	50V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C102155004	PANASONIC	ECJ1VB1H102K
7	6	C675 C1104 C1148 C1149 C1156 C1384	100pF	25V	10%	CC1005_0402		CAPACITOR, CERAMIC CHIP	C101154001	PANASONIC	ECJ0EB1E101K
8	3	C62 C63 C552	10pF	50V	+/- .5pF	CC1608_0603		CAPACITOR, CERAMIC CHIP	C100155001	PANASONIC	ECJ1VC1H100D
9	4	C759 C760 C761 C762	180pF	50V	5%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C181155001	PANASONIC	ECJ1VC1H181J
10	7	C147 C148 C165 C166 C891 C1469 C1470	18pF	50V	5%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C180155001	PANASONIC	ECJ1VC1H180J
11	1	C1484	2200pF	50V	10%	CC1005_0402		CAPACITOR, CERAMIC CHIP	C222155003	PANASONIC	ECJ0EB1H222K
12	4	C38 C182 C523 C1336	2200pF	50V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C222155001	PANASONIC	ECJ1VB1H222K
13	2	C501 C502	22pF	50V	5%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C220155001	PANASONIC	ECJ1VC1H220J
14	2	C556 C659	270pF	50V	5%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C271155001	PANASONIC	ECJ1VC1H271J
15	1	C1229	33pF	50V	5%	CC1005_0402		CAPACITOR, CERAMIC CHIP	C330155002	PANASONIC	ECJ0EC1H330J
16	6	C58 C59 C60 C61 C553 C554	4.7pF	50V	+/-0.25pF	CC1005_0402		CAPACITOR, CERAMIC CHIP	C4R7155001	MURATA	GJM1555C1H4R7CB01D
17	19	C144 C982 C986 C989 C991 C992 C1093 C1101 C1112 C1113 C1116 C1117 C1137 C1138 C1145 C1146 C1155 C1166 C1213	4700pF	50V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C472155001	PANASONIC	ECJ1VB1H472K
18	10	C145 C156 C157 C181 C987 C1102 C1144 C1147 C1153 C1163	470pF	50V	5%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C471155002	PANASONIC	ECJ1VC1H471J
19	2	C1216 C1217	47pF	50V	5%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C470155001	PANASONIC	ECJ1VC1H470J
20	1	C1410	6800pF	50V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C682155001	PANASONIC	ECJ1VB1H682K
21	3	C162 C183 C1468	68pF	50V	5%	CC1005_0402		CAPACITOR, CERAMIC CHIP	C680155002	PANASONIC	ECJ0EC1H680J
22	2	C65 C66	68pF	50V	5%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C680155001	PANASONIC	ECJ1VC1H680J

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23	190	C1 C57 C90 C92 C94 C97 C99 C101 C103 C105 C106 C108 C118 C130 C152 C154 C155 C507 C514 C517 C526 C528 C534 C537 C543 C544 C546 C547 C583 C585 C586 C587 C590 C591 C595 C597 C599 C604 C606 C608 C609 C611 C613 C616 C617 C618 C621 C623 C625 C628 C630 C633 C638 C640 C642 C714 C715 C718 C720 C721 C723 C727 C730 C734 C736 C738 C741 C777 C818 C819 C822 C828 C843 C846 C848 C850 C852 C853 C862 C875 C878 C880 C897 C899 C901 C904 C906 C908 C910 C911 C912 C917 C918 C922 C925 C926 C931 C933 C936 C938 C940 C942 C959 C960 C965 C966 C988 C1002 C1004 C1013 C1014 C1016 C1017 C1023 C1024 C1027 C1030 C1031 C1035 C1036 C1037 C1039 C1041 C1044 C1045 C1049 C1051 C1053 C1056 C1068 C1078 C1079 C1081 C1082 C1115 C1123 C1125 C1130 C1131 C1132 C1178 C1179 C1181 C1184 C1192 C1193 C1198 C1221 C1223 C1230 C1232 C1236 C1245 C1260 C1262 C1267 C1268 C1269 C1274 C1276 C1277 C1313 C1315 C1316 C1321 C1324 C1328 C1329 C1330 C1332 C1333 C1335 C1337 C1341 C1397 C1398 C1399 C1400 C1401 C1402 C1403 C1404 C1447 C1448 C1449 C1450 C1451 C1452 C1482 C1483	.01uF	16V	10%	CC1005_0402		CAPACITOR, CERAMIC CHIP	C103153001	PANASONIC	ECJ0EB1C103K
24	17	C1087 C1091 C1109 C1110 C1111 C1140 C1161 C1162 C1164 C1165 C1171 C1173 C1174 C1175 C1176 C1211 C1214	.022uF	25V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C223154001	PANASONIC	ECJ1VB1E223K
25	1	C1284	.033uF	25V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C333154001	PANASONIC	ECJ1VB1E333K
26	6	C133 C134 C135 C136 C886 C973	.047uF	16V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C473153001	PANASONIC	ECJ1VB1C473K

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27	509	C6 C16 C17 C18 C19 C20 C21 C22 C23 C25 C26 C27 C28 C29 C33 C45 C46 C52 C70 C73 C82 C85 C88 C91 C93 C95 C98 C100 C102 C104 C107 C109 C112 C113 C119 C150 C153 C159 C160 C168 C169 C170 C176 C177 C179 C193 C194 C195 C196 C197 C198 C199 C200 C201 C220 C222 C223 C506 C508 C509 C515 C518 C522 C524 C529 C530 C535 C536 C538 C539 C540 C541 C542 C545 C551 C557 C561 C563 C564 C565 C566 C567 C568 C569 C570 C571 C572 C573 C574 C575 C576 C577 C578 C579 C580 C581 C582 C584 C588 C589 C592 C593 C594 C596 C598 C600 C601 C602 C603 C605 C607 C610 C612 C614 C615 C619 C620 C622 C624 C626 C629 C631 C632 C634 C635 C636 C637 C639 C641 C643 C646 C647 C649 C650 C651 C652 C667 C672 C673 C674 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 C703 C704 C705 C706 C707 C708 C709 C710 C711 C712 C713 C716 C717 C719 C722 C724 C725 C726 C728 C731 C732 C733 C735 C737 C739 C740 C742 C743 C744 C748 C750 C751 C767 C770 C774 C778 C782 C783 C786 C787 C788 C789 C790 C791 C793 C794 C795 C796 C797 C798 C799 C800 C803 C804 C805 C806 C807 C808 C809 C810 C811 C812 C814 C820 C821 C844 C847 C849 C851 C855 C856 C857 C859 C860 C863 C872 C873 C874 C876 C877 C879 C881 C883 C884 C885 C887 C889 C890 C893 C894 C895 C898 C900 C902 C903 C905 C907 C909 C913 C914 C915 C916 C919 C920 C921 C923 C924 C927 C928 C929 C930 C932 C934 C935 C939 C941 C943 C958 C961 C964 C969 C970 C971 C975 C977 C978 C979 C980 C981 C993 C995 C1000 C1001 C1003 C1005 C1006 C1008 C1011 C1012 C1015 C1018 C1019 C1020 C1021 C1022 C1026 C1028 C1029 C1032 C1033 C1034 C1038 C1043 C1046 C1047 C1050 C1052 C1054 C1055 C1059 C1066 C1069 C1076 C1077 C1080 C1085 C1088 C1089 C1092 C1094 C1095 C1096 C1097 C1098 C1099 C1106 C1107 C1108 C1114 C1118 C1119 C1120 C1122 C1126 C1127 C1128 C1129 C1135 C1141 C1142 C1143 C1150 C1151 C1154 C1157 C1159 C1167 C1168 C1169 C1180 C1182 C1183 C1185 C1186 C1187 C1188 C1189 C1194 C1195 C1196 C1197 C1199 C1200 C1204 C1205 C1208 C1209 C1215 C1218 C1219 C1220 C1222 C1224 C1225 C1226 C1227 C1228 C1231 C1233 C1234 C1235 C1238 C1243 C1246 C1251 C1253 C1254 C1255 C1256 C1257 C1258 C1259 C1261 C1263 C1264 C1265 C1266 C1270 C1272 C1273 C1275 C1278 C1279 C1280 C1281 C1282 C1283 C1285 C1286 C1288 C1289 C1290 C1291 C1292 C1293 C1294 C1295 C1296 C1297 C1298 C1299 C1300 C1301 C1302 C1303 C1304 C1305 C1306 C1307 C1308 C1309 C1310 C1311 C1312 C1314 C1317 C1318 C1319 C1320 C1322 C1323 C1325 C1326 C1327 C1331 C1334 C1338 C1349 C1354 C1361 C1387 C1388 C1389 C1390 C1391 C1392 C1394 C1395 C1396 C1419 C1421 C1422 C1423 C1425 C1426 C1427 C1428 C1429 C1430 C1431 C1432 C1433 C1434 C1435 C1436 C1437 C1439 C1440 C1441 C1444 C1445 C1476 C1477 C1478 C1479 C1480 C1481 C1488 C1489 C1490 C1491 C1492	.1uF	10V	10%	CC1005_0402		CAPACITOR, CERAMIC CHIP	C104152002	PANASONIC	ECJ0EB1A104K
28	2	C972 C974	.1uF	16V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C104153001	PANASONIC	ECJ1VB1C104K

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29	4	C500 C829 C1084 C1343	.1uF	250V	10%	CC3216_1206		CAPACITOR, CERAMIC CHIP	C104157002	MURATA	GRM31CR72E104KW03L
30	2	C131 C1340	.1uF	25V	+80/-20%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C104154001	PANASONIC	ECJ1VF1E104Z
31	1	C503	.22uF	16V	+80/-20%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C224153001	PANASONIC	ECJ1VF1C224Z
32	23	C120 C121 C122 C123 C124 C125 C126 C127 C128 C560 C670 C766 C845 C998 C1242 C1249 C1380 C1381 C1382 C1405 C1406 C1457 C1458	100uF	6.3V	20%	CC3225_1210		CAPACITOR, CERAMIC CHIP	C107151001	MURATA	GRM32ER60J107ME20L
33	42	C5 C24 C35 C43 C44 C47 C49 C50 C51 C64 C72 C167 C512 C527 C558 C559 C562 C658 C664 C665 C668 C669 C769 C772 C779 C780 C781 C784 C785 C801 C802 C813 C892 C1240 C1248 C1271 C1345 C1346 C1347 C1348 C1409 C1461	10uF	6.3V	20%	CC2012_0805		CAPACITOR, CERAMIC CHIP	C106151002	PANASONIC	ECJ2FB0J106M
34	39	C30 C31 C53 C54 C55 C56 C74 C75 C76 C77 C184 C504 C513 C533 C555 C657 C660 C661 C662 C663 C666 C671 C764 C765 C768 C771 C773 C775 C994 C1086 C1090 C1136 C1139 C1170 C1172 C1191 C1210 C1212 C1460	1uF	10V	10%	CC1608_0603		CAPACITOR, CERAMIC CHIP	C105152001	PANASONIC	ECJ1VB1A105K
35	12	C187 C189 C190 C505 C832 C1353 C1462 C1463 C1464 C1465 C1466 C1467	1uF	25V	10%	CC2012_0805		CAPACITOR, CERAMIC CHIP	C105154002	MURATA	GRM216B31E105KA75D
36	1	C1485	1uF	50V	10%	CC3225_1210		CAPACITOR, CERAMIC CHIP	C105155001	PANASONIC	ECJ4YB1H105K
37	54	C13 C14 C40 C41 C42 C67 C68 C69 C89 C96 C116 C117 C139 C140 C163 C164 C172 C205 C532 C548 C549 C644 C645 C729 C749 C815 C816 C817 C825 C827 C864 C865 C866 C867 C868 C869 C870 C871 C882 C967 C996 C997 C999 C1070 C1133 C1134 C1177 C1190 C1201 C1239 C1241 C1244 C1252 C1446	22uF	6.3V	20%	CC3216_1206		CAPACITOR, CERAMIC CHIP	C226151001	PANASONIC	ECJ3YB0J226M
38	2	C34 C48	3.3uF	10V	10%	CC3216_1206		CAPACITOR, CERAMIC CHIP	C335152001	PANASONIC	ECJ3YB1A335K
39	6	C141 C142 C143 C146 C983 C1103	4.7uF	6.3V	10%	CC3216_1206		CAPACITOR, CERAMIC CHIP	C475151001	PANASONIC	ECJ3YB0J475K
40	38	C71 C78 C79 C80 C81 C83 C84 C129 C186 C202 C212 C525 C653 C654 C655 C656 C752 C753 C754 C756 C757 C758 C763 C792 C830 C834 C976 C1202 C1203 C1206 C1207 C1250 C1287 C1344 C1453 C1454 C1455 C1456	47uF	16V	20%	CC3225_1210		CAPACITOR, CERAMIC CHIP	C476153001	MURATA	GRM32ER61C476ME15L
41	4	C173 C174 C192 C213	1500uF	4V	20%	AE Case E		CAPACITOR, CONDUCTIVE POLYMER TYPE	C158251001	SANYO	4SVPCL1500M
42	10	C158 C175 C519 C520 C521 C854 C1083 C1342 C1486 C1487	1000pF	2000V	10%	CC4520_1808		CAPACITOR, HIGH VOLTAGE MLC CHIP	C102159004	TDK	C4520X7R3D102KT
43	1	C191	10uF	16V	10%	CC3225_1210		CAPACITOR, MULTILAYER CERAMIC CHIP	C106153001	PANASONIC	ECJ4YB1C106K
44	3	C161 C185 C214	68uF	4V	20%	OTHER		CAPACITOR, POLYMERIZED ORGANIC	C686251001	SANYO	4SVP68M
45	1	FOR P5	SLCF512JU(I)	N/A	N/A	N/A		CF CARD, 512MB COMPACT FLASH MEMORY	M040000001	SIMPLETECH	SLCF512JU(I)
46	1	J11	6318228-1	0.5A 50V	N/A	SMT		CONNECTOR, 0.8MM PITCH MINI PCI CONNECTOR	J200000018	AMP	6318228-1
47	1	P2	98464-G61-50LF	N/A	N/A	2mm 2x25 MH		CONNECTOR, 2mm SHROUDED STACKER 2x25 MALE HORIZONTAL	J130000011	FCI - BERG	98464-G61-50LF
48	1	J8	HSJ7061-01-410	N/A	N/A	OTHER		CONNECTOR, 3.5mm DIA AUDIO JACK	J320000002	HOSIDEN	HSJ7061-01-410
49	1	P5	ICM-MA50H-SS52- 1143	.5A	N/A	OTHER		CONNECTOR, CF CARD MA TYPE HEADER, 50-PIN, NORMAL TYPE - STANDOFF 1.64mm	J400000006	JST	ICM-MA50H-SS52-1143
50	1	J7	1376408-1	2.5V	N/A	SODIMM HORZ		CONNECTOR, DDR SODIMM SOCKET 0.6MM-PITCH 200-POS	J200000010	AMP	1376408-1
51	1	J5	ODD62F5R7N00	5A	N/A	DB62HD-FH		CONNECTOR, DSUB HD 62-PIN FEMALE HORIZONTAL W/ PUSH-ON FASTENERS	J720000050	POSITRONIC	ODD62F5R7N00
52	1	J6	ODD78F5R7N00	5A	N/A	DB78HD-FH		CONNECTOR, DSUB HD 78-PIN FEMALE HORIZONTAL	J720000051	POSITRONIC	ODD78F5R7N00
53	1	P7	B3B-PH-K-S-GW	2A	N/A	2mm HDR 1x3 MV		CONNECTOR, HEADER 2mm 1x3 PIN SHROUDED MALE VERTICAL	J130000018	JST	B3B-PH-K-S-GW
54	1	P4	QSE-060-01-L-D-A-K	2A	N/A	HDR 120-PIN MV		CONNECTOR, HI-SPEED HEADER 120-PIN MALE VERTICAL	J130000056	SAMTEC	QSE-060-01-L-D-A-K
55	1	P6	U.FL-R-SMT(10)	60VAC	N/A	OTHER		CONNECTOR, ULTRA-MINIATURE COAX	J410000008	HIROSE	U.FL-R-SMT(10)

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56	1	Y5	13MHz	18pF	30ppm	HC-49SMT		CRYSTAL, AT CUT FUNDAMENTAL	Y130501001	ECLIPTEK	E1SGA18-13.000M TR
57	1	Y2	24.576MHz	11pF	15ppm	HC-49SMT		CRYSTAL, QUARTZ AT-CUT FUNDAMENTAL	Y245501003	SMI	SX5147-24.5760MHz
58	1	Y1	14.7456MHz	18pF	15ppm	HC-49SMT		CRYSTAL, SD3	Y147501003	KYUSYU DENTSU	SD3 14.7456MHZ
59	1	Y3	27MHz	18pF	30ppm	DMX-38		CRYSTAL, SMD TYPE RESONATOR	Y270501002	KDS	DMX-38 27.000MHz
60	12	D521 D522 D523 D524 D525 D526 D527 D528 D529 D530 D531 D532	PGB1010603MR	24V	N/A	0603		DIODE, ESD SUPPRESSOR	D400300010	LITTELFUSE	PGB1010603MR
61	1	D515	1N4148W-7-F	N/A	N/A	SOD-123		DIODE, FAST SWITCHING	D200200003	DIODES INCORPORATED	1N4148W-7-F
62	3	D6 D500 D504	PURE GREEN	1.4mcd	N/A	LED3216_1206		DIODE, LED PURE GREEN FLAT LENS	D500100001	STANLEY	BG1101W-TR
63	2	D513 D514	BAT54S	N/A	N/A	SOT-23		DIODE, SCHOTTKY BARRIER	D200100002	FAIRCHILD SEMICONDUCTOR	BAT54S
64	1	D533	MBR0540T1G	.5A, 40V	N/A	SOD-123		DIODE, SCHOTTKY POWER RECTIFIER	D100200010	ON SEMICONDUCTOR	MBR0540T1G
65	1	D516	MBRS340T3G	3A, 40V	N/A	DO-214AB_SMC		DIODE, SCHOTTKY POWER RECTIFIER	D100200001	ON SEMICONDUCTOR	MBRS340T3G
66	11	D1 D505 D506 D507 D508 D509 D510 D517 D518 D519 D520	DAN217-T146	80V	N/A	SC-59		DIODE, SERIES CONNECTED DUAL	D200300002	ROHM	DAN217-T146
67	4	D2 D3 D4 D5	1SMB5920BT3G	6.2V, 3W	N/A	DO-214AA_SMB		DIODE, SILICON ZENER	D400100001	ON SEMICONDUCTOR	1SMB5920BT3G
68	54	FB3 FB4 FB6 FB7 FB8 FB9 FB11 FB12 FB13 FB14 FB500 FB501 FB502 FB503 FB504 FB505 FB506 FB507 FB508 FB509 FB510 FB511 FB512 FB513 FB514 FB516 FB518 FB519 FB520 FB522 FB523 FB524 FB525 FB526 FB527 FB528 FB529 FB532 FB533 FB534 FB535 FB536 FB537 FB538 FB543 FB544 FB545 FB546 FB547 FB548 FB549 FB550 FB551 FB552	BLM18PG181SN1D	1.5A	N/A	LC1608_0603		FILTER, CHIP FERRITE BEAD	L500000011	MURATA	BLM18PG181SN1D
69	1	FB553	BLM18PG300SN1D	1000mA	25%	LC1608_0603		FILTER, CHIP FERRITE BEAD	L500000016	MURATA	BLM18PG300SN1D
70	1	FB531	BLM18PG600SN1D	500mA	N/A	LC1608_0603		FILTER, CHIP FERRITE BEAD	L500000001	MURATA	BLM18PG600SN1D
71	3	FB5 FB16 FB521	BLM41PG600SN1L	6A	N/A	LC4516_1806		FILTER, CHIP FERRITE BEAD	L500000003	MURATA	BLM41PG600SN1L
72	16	FL3 FL4 FL5 FL6 FL7 FL8 FL9 FL10 FL500 FL501 FL503 FL508 FL510 FL511 FL512 FL513	100pF	2A, 50V	N/A	FLTR_3218		FILTER, EMI	L580000007	PANASONIC	ELKE101FA
73	9	FL2 FL11 FL502 FL504 FL505 FL506 FL507 FL509 FL514	.01uF	2A, 50V	N/A	FLTR_3218		FILTER, EMI L-C-L TYPE	L580000002	PANASONIC	ELKE103FA
74	1	F503	5A	72VDC	N/A	3216_1206	SAF	FUSE, INRUSH WITHSTAND TYPE MINIATURE SMT CHIP	F103200001	SOC CORPORATION	11CT 5AR08B4
75	1	F1	0.50A	60V	N/A	SMD	SAF	FUSE, POLYSWITCH	F201200001	RAYCHEM	SMD050F-2
76	5	F2 F3 F500 F501 F502	MICROSM050F-2	0.50A, 13.2V	N/A	SMT	SAF	FUSE, POLYSWITCH RESETTABLE	F209100002	RAYCHEM	MICROSM050F-2
77	3	VR1 VR2 VR3	LP3965EMP-ADJ/NOPB	ADJ	N/A	SOT-223-5		IC, 1.5A FAST ULTRA LOW DROPOUT LINEAR REGULATOR	U061300007	NATIONAL SEMICONDUCTOR	LP3965EMP-ADJ/NOPB
78	1	IC515	CYW256OXCT	2.5V/3.3V	N/A	SSOP-28		IC, 12 OUTPUT BUFFER FOR 2 DDR AND 3 SDRAM DIMMS	U020100001	CYPRESS SEMICONDUCTOR	CYW256OXCT
79	3	IC537 IC542 IC546	GTL2002D-T	N/A	N/A	SO-8		IC, 2-BIT BI-DIRECTIONAL LOW VOLTAGE TRANSLATOR	U030700026	PHILIPS SEMICONDUCTORS	GTL2002D-T
80	2	IC541 IC543	TC7S08F	2V-6V	N/A	SOT23-5		IC, 2-INPUT AND GATE	TC7S08F	TOSHIBA	TC7S08F
81	1	IC513	AT24C08AN-10SU-1.8	1.8V	N/A	SO-8		IC, 2-WIRE SERIAL EEPROM	U070400006	ATMEL	AT24C08AN-10SU-1.8
82	2	IC547 IC548	NC7SB3257P6X_NL	4V-5.5V	N/A	SC70-6		IC, 2:1 MULTIPLEXER/DEMULTIPLEXER BUS SWITCH	U120400008	FAIRCHILD SEMICONDUCTOR	NC7SB3257P6X_NL
83	2	IC11 IC23	MT48LC8M32B2B5-7IT	3.3V	N/A	BGA-90		IC, 256MB SDRAM 8M x 32	U070100012	MICRON	MT48LC8M32B2B5-7IT
84	1	IC25	CY2305SC-1	3.3V	N/A	SO-8		IC, 3.3V ZERO DELAY BUFFER	U120200018	CYPRESS SEMICONDUCTOR	CY2305SC-1
85	1	IC6	LM4549AVH/NOPB	3V/5V	N/A	SQFP-48		IC, AUDIO CODEC FOR PC SYSTEMS	U030700013	NATIONAL SEMICONDUCTOR	LM4549AVH/NOPB
86	1	IC3	BGB203/1/S03	3.4V	N/A	HLLGA48		IC, BLUETOOTH RADIO MODULE WITH BASEBAND CONTROLLER	U030200001	PHILIPS SEMICONDUCTORS	BGB203/1/S03
87	1	IC46	HIP6004ECBZ-T	5V/12V	N/A	SOL-20		IC, BUCK AND SYNCHRONOUS-RECTIFIER CONTROLLER	U061000001	INTERSIL	HIP6004ECBZ-T
88	1	IC29	LTC1144CS8#TRPBF	N/A	N/A	SO-8		IC, CMOS SWITCHED-CAPACITOR VOLTAGE CONVERTER	U061300024	LINEAR TECHNOLOGY	LTC1144CS8#TRPBF

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89	1	IC39	FAN1655MTFX_NL	3A	N/A	TSSOP-16		IC, DDR BUS TERMINATION REGULATOR	U071500001	FAIRCHILD SEMICONDUCTOR	FAN1655MTFX_NL
90	2	IC7 IC13	SN65LBC184D	N/A	N/A	SO-8		IC, DIFFERENTIAL TRANSCEIVER WITH TRANSIENT VOLTAGE SUPPRESSION	U060800002	TEXAS INSTRUMENTS	SN65LBC184D
91	1	IC28	TL062CD	N/A	N/A	SO-8		IC, DUAL LOW POWER 15mV MAX OFFSET VOLTAGE	U060100001	TEXAS INSTRUMENTS	TL062CD
92	3	IC53 IC512 IC516	LM3526MX-H/NOPB	2.7V-5.5V	N/A	SO-8		IC, DUAL PORT USB POWER SWITCH AND OVER-CURRENT PROTECTION	U061000002	NATIONAL SEMICONDUCTOR	LM3526MX-H/NOPB
93	2	IC511 IC519	74LVC2G17	1.65V-5.5V	N/A	SC70-6		IC, DUAL SCHMITT-TRIGGER BUFFER	U121000007	TEXAS INSTRUMENTS	SN74LVC2G17DCKR
94	5	IC501 IC502 IC503 IC505 IC506	74LVC2G14	1.65V-5.5V	N/A	MO-203AB		IC, DUAL SCHMITT-TRIGGER INVERTER	U120900027	TEXAS INSTRUMENTS	SN74LVC2G14DCKR
95	1	IC508	MAX6360LSUT+T	N/A	N/A	SOT23-6		IC, DUAL/TRIPLE-VOLTAGE uP SUPERVISORY CIRCUITS	U061000003	MAXIM	MAX6360LSUT+T
96	4	IC49 IC50 IC51 IC52	K4D261638F-LC360T00	2.5V	N/A	TSOP11-66		IC, GDDR SDRAM 2M x 16Bit x 4 BANKS	U071200012	SAMSUNG	K4D261638F-LC360T00
97	1	IC38	GEFORCE4 448 GO	1.2V	N/A	BGA-701		IC, GRAPHICS PROCESSOR UNIT	U090300007	NVIDIA CORPORATION	GEFORCE4 448 GO
98	1	IC535	74CBTLV3257	N/A	N/A	TSSOP-16		IC, HIGH-SPEED FET MULTIPLEXER/DEMULTIPLEXER	U120600002	TEXAS INSTRUMENTS	SN74CBTLV3257PWR
99	1	IC531	ICS512MILF	3V-5.5V	N/A	SO-8		IC, LOCO PLL CLOCK MULTIPLIER	U020300003	ICS	ICS512MILF
100	2	VR4 VR5	TPS72101DBVT	ADJV	N/A	SOT23-5		IC, LOW DROPOUT LINEAR REGULATOR	U061300092	TEXAS INSTRUMENTS	TPS72101DBVT
101	4	IC14 IC17 IC19 IC20	LMV722MX	2.2V-5.5V	N/A	SO-8		IC, LOW NOISE, LOW VOLTAGE, LOW POWER OP AMP	U060100010	NATIONAL SEMICONDUCTOR	LMV722MX
102	1	IC22	LMV331IDCKT	2.7V-5.5V	N/A	SC-70		IC, LOW VOLTAGE SINGLE COMPARATOR	U060300006	TEXAS INSTRUMENTS	LMV331IDCKT
103	2	IC521 IC522	TPS3808G01DBVR	ADJV	N/A	SOT23-6		IC, MICROPROCESSOR SUPERVISORY CIRCUIT	U061000066	TEXAS INSTRUMENTS	TPS3808G01DBVR
104	1	IC34	CN400(G)	N/A	N/A	BGA-681		IC, MOBILE NORTH BRIDGE	U090200035	VIA TECHNOLOGIES	CN400(G)
105	2	IC18 IC27	UDA1338H/N1	2.7V-3.6V	N/A	SQFP-44		IC, MULTICHANNEL AUDIO CODEC-DECODER	U030700017	PHILIPS SEMICONDUCTORS	UDA1338H/N1
106	1	IC8	XR17D158CV-F	3.3V/5V	N/A	SQFP-144		IC, OCTAL PCI BUS UART	U030700031	EXAR	XR17D158CV-F
107	1	IC37	SAA7115HLV1/G,557	3.3V	N/A	SQFP-100		IC, PAL/NTSC/SECAM VIDEO DECODER	U090200015	PHILIPS SEMICONDUCTORS	SAA7115HLV1/G,557
108	1	IC24	MK2703SILFTR	3.3V/5V	N/A	SO-8		IC, PLL AUDIO CLOCK SYNTHESIZER	U020300001	ICS	MK2703SILFTR
109	2	IC15 IC40	74ACT08	5V	N/A	SO/SOM14		IC, QUAD 2-INPUT AND GATE	U120900042	TOSHIBA	TC74ACT08F
110	1	IC5	LM239ADE4	N/A	N/A	SO-14		IC, QUAD COMPARATOR	U060300003	TEXAS INSTRUMENTS	LM239ADE4
111	2	IC528 IC545	MAX6660AEE+T	3V-5.5V	N/A	QSOP-16		IC, REMOTE TEMPERATURE SENSOR AND FAN-SPEED REGULATOR	U061200011	MAXIM	MAX6660AEE+T
112	2	IC32 IC509	LM8272MM/NOPB	2.5V-24V	N/A	SSOP-8		IC, RRIO, HIGH OUTPUT CURRENT & UNLIMITED CAP LOAD OP AMP	U060100002	NATIONAL SEMICONDUCTOR	LM8272MM/NOPB
113	1	IC1	MAX3221EEAE+T	3V-5.5V	N/A	SSOP-16		IC, RS-232 TRANSCEIVER w/ AUTOSHUTDOWN	U060800004	MAXIM	MAX3221EEAE+T
114	2	IC523 IC529	DS2401Z+	5V	N/A	SOT-223		IC, SILICON SERIAL NUMBER	U071000001	DALLAS SEMICONDUCTOR	DS2401Z+
115	2	IC12 IC504	NC7SZ02P5X_NL	1.65V-5.5V	N/A	SC70-5		IC, SINGLE 2-INPUT NOR GATE	U120900014	FAIRCHILD SEMICONDUCTOR	NC7SZ02P5X_NL
116	1	IC520	74LVC1G07	1.65V-5.5V	N/A	SOT23-5		IC, SINGLE BUFFER/DRIVER w/ OPEN-DRAIN OUTPUT	U120200035	TEXAS INSTRUMENTS	SN74LVC1G07DBVR
117	1	IC30	ICS950901BFLF-T	2.5V/3.3V	N/A	SSOP-48		IC, SINGLE CHIP CLOCK SOLUTION FOR DESKTOP DESIGNS	U020300012	ICS	ICS950901BFLF-T
118	1	IC532	NC7SZ74K8X_NL	1.65V-5.5V	N/A	MAB08A		IC, SINGLE D-TYPE CMOS FLIP-FLOP W/ PRESET & CLEAR	U120800006	FAIRCHILD SEMICONDUCTOR	NC7SZ74K8X_NL
119	2	IC539 IC544	NC7S14M5X_NL	2V-6V	N/A	SOT23-5		IC, SINGLE HIGH PERFORMANCE CMOS INVERTER WITH SCHMITT TRIGGER INPUT	U120900011	FAIRCHILD SEMICONDUCTOR	NC7S14M5X_NL
120	4	IC507 IC510 IC517 IC526	74LVC1G17	1.65V-5.5V	N/A	MO-203AA		IC, SINGLE SCHMITT-TRIGGER BUFFER	U120200033	TEXAS INSTRUMENTS	SN74LVC1G17DCKR
121	2	IC533 IC534	NC7SZ08P5X_NL	1.65V-5.5V	N/A	SOT-323-5		IC, TINYLOGIC UHS 2-INPUT AND GATE	U120900005	FAIRCHILD SEMICONDUCTOR	NC7SZ08P5X_NL
122	1	IC525	NC7SV125	N/A	N/A	SC70-5		IC, ULP-A BUFFER WITH 3-STATE OUTPUT	U120200042	FAIRCHILD SEMICONDUCTOR	NC7SV125P5X
123	1	IC10	VT8235MG-CE	2.5V/3.3V	N/A	BGA-539		IC, V-LINK SOUTH BRIDGE	U090200043	VIA TECHNOLOGIES	VT8235MG-CE
124	1	IC43	EDEN ESP10K(G)	N/A	N/A	BGA-368		IC, VIA EDEN ESP PROCESSOR	U090200044	VIA TECHNOLOGIES	EDEN ESP10K(G)

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125	1	IC16	TMS320DM642ZDK600	3.3V	N/A	BGA-548		IC, VIDEO/IMAGING FIXED-POINT DIGITAL SIGNAL PROCESSOR	U090100001	TEXAS INSTRUMENTS	TMS320DM642ZDK600
126	10	L513 L514 L515 L516 L517 L518 L519 L520 L521 L522	ACM2012-900-2P-T	.4A, 50V	N/A	OTHER		INDUCTOR, 2-LINE COMMON MODE CHOKE	L510000010	TDK	ACM2012-900-2P-T
127	4	L502 L503 L504 L505	1uH	370mA	2%	1008CS		INDUCTOR, CERAMIC CHIP	L530000009	COILCRAFT	1008CS-102XGLC
128	1	L508	4.7uH	260mA	2%	1008CS		INDUCTOR, CERAMIC CHIP	L530000029	COILCRAFT	1008CS-472XGBC
129	8	L1 L2 L3 L4 L500 L501 L510 L511	68nH	200MHz	5%	0603CS		INDUCTOR, CHIP	L530000048	COILCRAFT	0603CS-68NXJLW
130	1	L512	4.7uH	448mA	5%	API_1812		INDUCTOR, MOLDED FERRITE CORE SMT	L530000002	DELEVAN	1812-472J
131	1	L6	1uH	9A	20%	DO3316P		INDUCTOR, POWER	L540000001	COILCRAFT	DO3316P-102MLD
132	1	L5	5.1uH	11.2A	15%	OTHER		INDUCTOR, POWER	L540000053	COILTRONICS	HC1-5R1
133	1	L509	68uH	.4A	20%	DO1608C		INDUCTOR, POWER	L540000012	COILCRAFT	DO1608C-683MLD
134	1	N/A	N/A	N/A	N/A	N/A		LABEL, LEAD FREE	R8QPBF	MAS	R8QPBF
135	1	FOR J7	512MB DDR	N/A	N/A	N/A		MODULE, 512MB, 64M x 64 DDR SDRAM, 133MHz	U071600007	AVED	AMP99A74
136	1	FOR J11	WM3B2915AGNAXF	N/A	N/A	N/A		MODULE, WIRELESS LAN, MINI-PCI	M120000002	INTEL	WM3B2915AGNAXF
137	1	G4	27MHz	3.3V	25ppm	OSC_7x5		OSCILLATOR, CERAMIC SMD	Y270520001	SIWARD	VCX915025C-27-3.3-100
138	1	G5	14.318MHz	3.3V	50ppm	OSC_7x5		OSCILLATOR, CMOS COMPATIBLE WITH TRI-STATE OUTPUT	Y143515001	PLETRONICS	SM7745HEV-14.318M
139	1	G3	50MHz	3.3V	50ppm	OSC_7x5		OSCILLATOR, CMOS COMPATIBLE WITH TRI-STATE OUTPUT	Y500515002	PLETRONICS	SM7745HV-50.000M
140	1	G1	32.768kHz	2V	30ppm	OTHER		OSCILLATOR, MINIATURE LEADLESS SMT PACKAGE	Y327215001	PLETRONICS	S3883-32.768kHz
141	1	IC549	U070400006	N/A	N/A	N/A		PROG. DEV., IC, 2-WIRE SERIAL EEPROM	P560163001	MAS	P560163001
142	1	IC2	U030700030	N/A	N/A	N/A		PROG. DEV., IC, 4 Mbit FIRMWARE HUB/LPC FLASH MEMORY	P560060001	MAS	P560060001
143	1	IC36	U090200027	N/A	N/A	N/A		PROG. DEV., IC, FLASH-BASED 8-BIT CMOS MICROCONTROLLER	P560096002	MAS	P560096002
144	1	IC35	U070400016	N/A	N/A	N/A		PROG. DEV., IC, SPI SERIAL EEPROM	P560153001	MAS	P560153001
145	3	RN500 RN501 RN502	10K	25V	5%	EXBD		RESISTOR NETWORK, BUSSED 10-PIN 8 RESISTORS	R100250001	PANASONIC	EXBD10C103J
146	2	RN520 RN524	4.7K	25V	5%	EXBD		RESISTOR NETWORK, BUSSED 10-PIN 8 RESISTORS	R470150001	PANASONIC	EXBD10C472J
147	1	RN551	150	25V	5%	EXBD		RESISTOR NETWORK, BUSSED 10-PIN 8 RESISTORS	R150050001	PANASONIC	EXBD10C151J
148	14	RN535 RN536 RN537 RN538 RN541 RN542 RN543 RN544 RN545 RN546 RN547 RN548 RN549 RN550	56	25V	5%	EXBD		RESISTOR NETWORK, BUSSED 10-PIN 8 RESISTORS	R056050001	PANASONIC	EXBD10C560J
149	20	RN52 RN53 RN54 RN55 RN56 RN57 RN58 RN59 RN60 RN61 RN62 RN63 RN64 RN65 RN66 RN67 RN68 RN69 RN70 RN71	0	1/32W	N/A	EXB28V		RESISTOR NETWORK, ISOLATED 8-PIN 4 RESISTORS 0402x4 ARRAY	R000051003	PANASONIC	EXB28VR000X
150	22	RN23 RN24 RN25 RN26 RN27 RN31 RN32 RN33 RN34 RN35 RN40 RN41 RN42 RN43 RN44 RN47 RN48 RN49 RN50 RN51 RN72 RN73	22	1/32W	5%	EXB28V		RESISTOR NETWORK, ISOLATED 8-PIN 4 RESISTORS 0402x4 ARRAY	R022051002	PANASONIC	EXB28V220JX
151	60	RN1 RN2 RN3 RN4 RN5 RN6 RN7 RN8 RN9 RN10 RN11 RN12 RN13 RN14 RN15 RN16 RN17 RN18 RN19 RN20 RN21 RN22 RN28 RN29 RN30 RN36 RN37 RN38 RN39 RN45 RN46 RN504 RN505 RN506 RN507 RN508 RN509 RN510 RN513 RN514 RN515 RN516 RN517 RN518 RN519 RN521 RN522 RN523 RN525 RN526 RN527 RN528 RN529 RN530 RN531 RN532 RN533 RN534 RN539 RN540	33	1/32W	5%	EXB28V		RESISTOR NETWORK, ISOLATED 8-PIN 4 RESISTORS 0402x4 ARRAY	R033051004	PANASONIC	EXB28V330JX
152	1	RN511	4.7K	1/16W	5%	EXB38V		RESISTOR NETWORK, ISOLATED 8-PIN 4 RESISTORS 0603x4 ARRAY	R470151001	PANASONIC	EXB38V472JV
153	1	R214	1.37K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R137103001	SUSUMU	RR0816P-1371-D
154	1	R1133	1.54K	1/16W	1%	RC1005_0402		RESISTOR, PRECISION THICK FILM CHIP	R154102001	PANASONIC	ERJ2RKF1541X
155	7	R36 R42 R43 R49 R51 R234 R236	10K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R100203003	SUSUMU	RR0816P-103-D
156	1	R37	124K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R124303002	SUSUMU	RR0816P-1243-D
157	2	R762 R855	14K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R140203001	SUSUMU	RR0816P-1402-D

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158	1	R212	2.32K	1/16W	0.5%	RC1005_0402		RESISTOR, PRECISION THICK FILM CHIP	R232102001	SUSUMU	RR0510P-2321-D
159	4	R650 R651 R652 R654	21.5K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R215203001	SUSUMU	RR0816P-2152-D
160	1	R35	26.7K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R267203001	SUSUMU	RR0816P-2672-D
161	2	R119 R642	3.01K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R301103001	SUSUMU	RR0816P-3011-D
162	1	R52	3.48K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R348103001	SUSUMU	RR0816P-3481-D
163	2	R48 R235	30.9K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R309203001	SUSUMU	RR0816P-3092-D
164	2	R756 R856	46.4K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R464203001	SUSUMU	RR0816P-4642-D
165	1	R244	5.76K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R576103001	SUSUMU	RR0816P-5761-D
166	1	R640	6.04K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R604103001	SUSUMU	RR0816P-6041-D
167	4	R112 R113 R114 R115	9.31K	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R931103001	SUSUMU	RR0816P-9311-D
168	9	R59 R603 R604 R614 R629 R630 R665 R988 R989	0	1/8W	5%	RC2012_0805		RESISTOR, PRECISION THICK FILM CHIP	R00004001	ROHM	MCR10EZHJ000
169	1	R966	100	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R100003001	SUSUMU	RR0816P-101-D
170	1	R885	14	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R14R003001	SUSUMU	RR0816Q-14R0-D
171	10	R802 R804 R805 R806 R832 R834 R861 R862 R865 R1089	150	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R150003001	SUSUMU	RR0816P-151-D
172	1	R829	20.5	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R20R503001	SUSUMU	RR0816Q-20R5-D
173	1	R200	280	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R280003001	SUSUMU	RR0816P-2800-D
174	2	R637 R731	357	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R357003001	SUSUMU	RR0816P-3570-D
175	1	R641	392	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R392003001	SUSUMU	RR0816P-3920-D
176	1	R753	475	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R475003001	SUSUMU	RR0816P-4750-D
177	4	R196 R841 R963 R964	49.9	1/16W	1%	RC1005_0402		RESISTOR, PRECISION THICK FILM CHIP	R49R902001	ROHM	MCR01MZPF49R9
178	2	R1138 R1139	51.1	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R51R103001	SUSUMU	RR0816Q-51R1-D
179	1	R967	511	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R511003001	SUSUMU	RR0816P-5110-D
180	1	R188	549	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R549003001	SUSUMU	RR0816P-5490-D
181	1	R227	56.2	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R56R203001	SUSUMU	RR0816Q-56R2-D
182	2	R118 R120	60.4	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R60R403001	SUSUMU	RR0816Q-60R4-D
183	13	R90 R91 R504 R522 R560 R818 R828 R830 R831 R833 R839 R866 R1090	75	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R075003001	SUSUMU	RR0816Q-750-D
184	1	R161	82.5	1/16W	0.5%	RC1608_0603		RESISTOR, PRECISION THICK FILM CHIP	R82R503001	SUSUMU	RR0816Q-82R5-D
185	5	R201 R213 R968 R990 R1071	10K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	R100202002	ROHM	MCR01MZPF1002
186	157	R5 R17 R18 R19 R56 R57 R58 R61 R62 R64 R81 R85 R86 R87 R88 R89 R92 R93 R94 R105 R106 R107 R145 R146 R150 R159 R160 R164 R166 R167 R168 R169 R170 R175 R176 R179 R182 R183 R185 R186 R187 R193 R194 R197 R203 R204 R211 R240 R242 R505 R506 R508 R510 R514 R525 R526 R531 R533 R550 R553 R567 R568 R569 R571 R574 R593 R594 R595 R596 R597 R599 R600 R601 R602 R605 R607 R608 R612 R617 R618 R622 R626 R632 R633 R655 R656 R657 R660 R661 R663 R664 R667 R717 R719 R721 R724 R725 R727 R728 R755 R757 R758 R759 R760 R764 R771 R773 R775 R780 R781 R782 R783 R784 R786 R790 R791 R792 R793 R794 R795 R796 R799 R819 R821 R823 R896 R916 R920 R921 R922 R923 R924 R926 R927 R928 R976 R977 R979 R981 R1051 R1052 R1053 R1054 R1055 R1057 R1059 R1060 R1061 R1062 R1063 R1064 R1065 R1066 R1067 R1070 R1162 R1163	10K	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM	R100202001	ROHM	MCR01MZPJ103
187	2	R1145 R1146	124K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	R124302001	ROHM	MCR01MZPF1243
188	1	R1148	154K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	R154302001	ROHM	MCR01MZPF1543
189	1	R954	17.4K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	MCR01MZPF1742	ROHM	MCR01MZPF1742

Item	Qty	Reference	Value	Rating	Tol	Footprint	Saf	Description	ACS Part Number	Vendor	Part Number
190	39	R4 R66 R82 R84 R97 R110 R111 R139 R202 R217 R218 R219 R220 R221 R222 R223 R224 R509 R512 R530 R584 R671 R732 R774 R797 R825 R849 R850 R1093 R1094 R1095 R1096 R1097 R1098 R1099 R1170 R1171 R1183 R1184	1K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	R100102002	ROHM	MCR01MZPF1001
191	5	R1140 R1141 R1142 R1176 R1185	200K	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM	R200302001	ROHM	MCR01MZPJ204
192	98	R21 R23 R25 R26 R30 R68 R76 R229 R230 R239 R243 R539 R540 R541 R542 R544 R545 R546 R547 R548 R552 R554 R556 R558 R572 R579 R581 R582 R586 R587 R592 R606 R610 R611 R615 R616 R628 R647 R658 R659 R662 R666 R672 R673 R707 R708 R710 R711 R733 R749 R761 R766 R768 R803 R809 R810 R835 R836 R875 R876 R879 R895 R897 R898 R899 R929 R930 R931 R945 R950 R951 R1076 R1077 R1078 R1079 R1080 R1081 R1082 R1083 R1084 R1085 R1087 R1088 R1156 R1157 R1158 R1164 R1165 R1166 R1167 R1168 R1169 R1180 R1181 R1182 R1191 R1192 R1193	4.7K	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM	R470102001	ROHM	MCR01MZPJ472
193	1	R982	49.9K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	R499202001	ROHM	MCR01MZPF4992
194	1	R1147	59K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	R590202001	ROHM	MCR01MZPF5902
195	4	R1134 R1135 R1136 R1137	71.5K	1/16W	1%	RC1005_0402		RESISTOR, THICK FILM	R715202001	ROHM	MCR01MZPF7152
196	2	R969 R970	1M	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM	R100402001	ROHM	MCR01MZPJ105
197	17	R117 R138 R191 R192 R198 R199 R816 R817 R838 R847 R848 R863 R984 R985 R1103 R1104 R1155	33	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM	R033002001	ROHM	MCR01MZPJ330
198	2	R73 R763	1.5K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R150103001	ROHM	MCR03EZPJ152
199	4	R621 R746 R1109 R1110	100K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R100303001	ROHM	MCR03EZPJ104
200	1	R60	10K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R100203002	ROHM	MCR03EZPJ103
201	1	R53	15K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R150203001	ROHM	MCR03EZPJ153
202	12	R1120 R1121 R1122 R1123 R1124 R1125 R1126 R1127 R1128 R1129 R1130 R1131	15K	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM CHIP	R150202001	ROHM	MCR01MZPJ153
203	4	R889 R890 R1091 R1092	1K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R100103002	ROHM	MCR03EZPJ102
204	8	R101 R576 R578 R712 R788 R820 R986 R1108	1K	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM CHIP	R100102001	ROHM	MCR01MZPJ102
205	3	R103 R104 R623	2.2K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R220103001	ROHM	MCR03EZPJ222
206	1	R537	2.7K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R270103001	ROHM	MCR03EZPJ272
207	1	R102	22K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R220203001	ROHM	MCR03EZPJ223
208	6	R1143 R1144 R1177 R1178 R1186 R1187	2K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R200103003	ROHM	MCR03EZPJ202
209	1	R873	3.3K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R330103001	ROHM	MCR03EZPJ332
210	12	R38 R40 R46 R65 R83 R513 R536 R563 R564 R566 R573 R770	47K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R470203001	ROHM	MCR03EZPJ473
211	4	R1149 R1150 R1151 R1152	47K	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM CHIP	R470202001	ROHM	MCR01MZPJ473
212	4	R520 R551 R583 R644	5.6K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R560103001	ROHM	MCR03EZPJ562
213	1	R206	56K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R560203001	ROHM	MCR03EZPJ563
214	1	R50	75K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R750203002	ROHM	MCR03EZPJ753
215	1	R639	8.2K	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R820103001	ROHM	MCR03EZPJ822
216	5	R39 R41 R44 R47 R233	1M	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R100403001	ROHM	MCR03EZPJ105
217	10	R991 R992 R1112 R1113 R1115 R1116 R1117 R1118 R1119 R1174	0	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R00003001	ROHM	MCR03EZPJ000
218	30	R33 R34 R70 R71 R72 R116 R142 R154 R228 R503 R523 R559 R638 R729 R735 R736 R737 R743 R747 R801 R851 R854 R887 R917 R956 R983 R1100 R1101 R1172 R1173	0	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM CHIP	R00002001	ROHM	MCR01MZPJ000
219	8	R207 R208 R209 R225 R649 R682 R742 R1160	0	1/4W	5%	RC3216_1206		RESISTOR, THICK FILM CHIP	R000005001	ROHM	MCR18EZHJ000

Item	Qty	Reference	Value	Rating	Tol	Footprint	Saf	Description	ACS Part Number	Vendor	Part Number
220	14	R585 R588 R589 R590 R646 R807 R808 R811 R812 R813 R814 R815 R837 R952	10	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM CHIP	R010002001	ROHM	MCR01MZPJ100
221	8	R8 R63 R99 R152 R153 R524 R670 R1159	100	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM CHIP	R100002001	ROHM	MCR01MZPJ101
222	2	R172 R826	130	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R130003001	ROHM	MCR03EZPJ131
223	4	R867 R868 R905 R906	150	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R150003002	ROHM	MCR03EZPJ151
224	4	R155 R156 R157 R158	18	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R018003001	ROHM	MCR03EZPJ180
225	1	R874	2.2	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R02R203001	ROHM	MCR03EZPJ2R2
226	4	R877 R878 R880 R881	200	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R200003001	ROHM	MCR03EZPJ201
227	20	R54 R55 R74 R75 R121 R122 R123 R124 R125 R126 R127 R143 R144 R147 R148 R149 R715 R1105 R1106 R1107	22	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R022003001	ROHM	MCR03EZPJ220
228	1	R872	27	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R027003001	ROHM	MCR03EZPJ270
229	4	R6 R7 R11 R502	300	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R300003001	ROHM	MCR03EZPJ301
230	46	R31 R77 R78 R79 R80 R100 R151 R507 R511 R527 R528 R529 R532 R534 R535 R561 R562 R565 R570 R598 R613 R619 R620 R624 R625 R631 R634 R648 R668 R669 R674 R675 R676 R681 R709 R750 R751 R752 R857 R860 R1004 R1005 R1006 R1007 R1008 R1009	33	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R033003001	ROHM	MCR03EZPJ330
231	2	R500 R501	470	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R470003001	ROHM	MCR03EZPJ471
232	1	R1179	51	1/16W	5%	RC1005_0402		RESISTOR, THICK FILM CHIP	R051002001	ROHM	MCR01MZPJ510
233	2	R519 R643	510	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R510003001	ROHM	MCR03EZPJ511
234	10	R738 R739 R740 R741 R842 R843 R844 R845 R846 R953	56	1/10W	5%	RC1608_0603		RESISTOR, THICK FILM CHIP	R056003001	ROHM	MCR03EZPJ560
235	4	FOR J7	N/A	N/A	N/A	N/A		SHEET, .	R6HG543ZA	RICHCO INC.	RBS-20
236	1	FOR IC2	N/A	N/A	N/A	N/A		SOCKET, PLCC, 32 POS, RECT	J200000002	AMP	3-822498-1
237	1	S1	B3S-1000	50mA	N/A	OTHER		SWITCH, TACTILE	S110000001	OMRON	B3S-1000P
238	2	T1 T2	H1102NLT	N/A	N/A	H110X		TRANSFORMER, 10/100 BASE-T SINGLE PORT	T800000001	PULSE ENGINEERING	H1102NLT
239	2	Q502 Q503	MMBT2222ALT1G	600mA, 40V	N/A	SOT-23		TRANSISTOR, GENERAL PURPOSE, NPN	Q200000002	ON SEMICONDUCTOR	MMBT2222ALT1G
240	2	IC45 IC55	FDB6030L_NL	52A, 30V	N/A	TO-263AB		TRANSISTOR, N-CHANNEL LOGIC LEVEL ENHANCEMENT MODE FIELD EFFECT	Q350000001	FAIRCHILD SEMICONDUCTOR	FDB6030L_NL
241	1	Q500	MMBT3904T1G	N/A	N/A	SOT-23		TRANSISTOR, NPN GENERAL PURPOSE AMPLIFIER	Q200000001	ON SEMICONDUCTOR	MMBT3904T1G
242	1	Q501	MMBT3906	100mA	N/A	SOT-23		TRANSISTOR, PNP SWITCHING	Q100000001	PHILIPS SEMICONDUCTORS	MMBT3906