

# SR32•4 MIXER

## PARTS LIST

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090-044-00	E90	SR32.4 120V FINAL ASSEMBLY	2
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055-053-00	S00	POWER SUPPLY PCB ASSY 24/32.4	23

## 090-044-00 REV E90 SR32.4 120V FINAL ASSEMBLY

PART#	REV	DESCRIPTION	QTY	NOTES
040-086-00	A	RIB 18GA 7C .156 12IN	1	
040-061-00	A	22GA 1007 RED 3.5IN QDX2	2	
040-064-00	A	RIB 22GA 12C .100 12IN	3	
040-085-00	A	RIB 18GA 5C .156 18IN	1	
055-049-00	17	PCB ASSY MASTER - 24/32.4	1	SEE NEXT PAGE
055-050-00	S00	PCB ASSY SLAVE14 -24/32.4	1	SEE PAGE 10
055-052-00	S	PCB ASSY SLAVE 8 -32.4		SEE PAGE 17
⚠ 080-011-00	A3	SA PWR SPLY - SR32.4 120V	1	SEE PAGE 22
550-155-00	C1	SCREEN CHASSIS TOP - 32.4	1	
550-156-00	B1	BOTTOM - SR32.4	1	
550-157-00	D1	POD - SR32.4	1	
551-018-00	A10	ARMREST - SR32.4	1	
⚠ 640-001-00	D	LC IEC SJT 10A/125V 6FT	1	
700-010-00	A	TF 6-32X1/4 PHP BLKZC	12	
700-011-00	A	MCH 4-40X1/4 BTNSKT BLKX	61	
700-028-00	B	SEMS 6-32X1/4 PHP BLKZC	18	
700-030-10	A	MCH 6-32X7/8 PHP BLKZC	6	
700-033-10	A	TF 8-32X7/8 PHP BLKZC	4	
701-006-03	A	SM B 8X1/2 PHP ZC	4	
701-016-00	A	5-20X5/16 PHPII TYP B BLK	65	
705-003-00	B	NUT HEX-SPLD W/400-214-00		
710-002-00	B	WASHER-SPLD W/400-214-00		
720-002-00	A	TAPE DS 10MIL X .75W CLR		
750-004-00	A	FOOT #10 BLK 1 X .562	4	
760-007-00	1	BUTTON 10MM SMALL BLK	1	
760-037-01	C00	KNOB SLIDE 10X25MM MLDLIN	35	
760-045-10	A	ENDCAP RIGHT SR SERIES	1	
760-045-20	A	ENDCAP LEFT SR SERIES	1	
760-048-01	B	KNOB 9MM LT GRY	38	
760-048-02	B	KNOB 9MM MAGENTA	188	
760-048-03	B	KNOB 9MM BLU/GRY	124	
760-048-04	B	KNOB 9MM DARK GRAY	34	
780-017-00	A	LIPSEAL SLAVE14 SR SERIES	1	
780-018-00	A	LIPSEAL MASTER SR SERIES	1	
780-019-00	A	LIPSEAL SLAVE 8 SR32.4	1	
790-002-00	A	BAG POLY 12 X 18 2MIL	1	
790-010-00	A00	BAG 20 X 7 X 48 4MIL GUSS	1	
800-044-00	A	BOX SR32.4	1	
810-035-00	A	FOAM END LEFT SR SERIES	1	
810-036-00	A	FOAM END RIGHT SR SERIES	1	



## PCB ASSEMBLY 055-049-00 REV:S SR24/32•4 MASTER BOARD

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
111-017-00	RESISTOR CF	4.7	.25W	5%	R1596-1597 R1696-1697 R1796-1797 R1896-1897 R1996-1997 R2096-2097
115-281-00	RESISTOR CF	825	.25W	1%	R1506-1507 R1606-1607 R1706-1707 R1806-1807 R1906-1907 R2006-2007
115-331-00	RESISTOR CF	2K49	.25W	1%	R1509-1510 R1609-1610 R1709-1710 R1809-1810 R1909-1910 R2009-2010
115-350-00	RESISTOR CF	3K92	.25W	1%	R1514-1515 R1614-1615 R1714-1715 R1814-1815 R1914-1915 R2014-2015
115-364-00	RESISTOR CF	6K04	.25W	1%	R1501-1502 R1601-1602 R1701-1702 R1801-1802 R1901-1902 R2001-2002
130-002-02	RESISTOR POT 9MM HORIZ	50KB			R1568-1569 R1668-1669 R1768-1769 R1868-1869 R1968-1969 R2068-2069 R425
130-011-02	RESISTOR POT 12MM HORIZ DUAL	50KB			R2127 R2131 R2185-2186 R2327 R2331 R2385-2386
130-012-02	RESISTOR POT 12MM HORIZ DUAL	50KG			R86 R166 R211 R228 R240 R298 R391 R2200 R2400
130-022-02	RESISTOR POT 9MM HORIZ	10KB			R282 R285 R290 R294 R1571 R1671 R1771 R1871 R1971 R2071
130-023-02	RESISTOR POT 12MM HORIZ DUAL	500KC			R1573 R1673 R1773 R1873 R1973 R2073
130-028-02	RESISTOR POT 12MM HORIZ DUAL	10KC/ 10KA			R343 R357 R371 R385 R1557 R1657 R1757 R1857 R1957 R2057 R2164 R2364
130-030-02	RESISTOR POT 9MM HORIZ	5KZY			R1517 R1617 R1717 R1817 R1917 R2017
130-031-00	RESISTOR POT 60MM SLIDE MONO	10KD			R91 R96 R274 R277 R1561 R1661 R1761 R1861 R1961 R2061
130-032-00	RESISTOR POT 60MM SLIDE DUAL	50KD			R120 R2141 R2341
130-042-02	RESISTOR POT 9MM HORIZ	50KG			R30 R58-59 R107 R148-150 R162 R214 R2126 R2130 R2136 R2138 R2152 R2155 R2326 R2330 R2336 R2338 R2352 R2355 R1535 R1542 R1545 R1548 R1551 R1554 R1635 R1642 R1645 R1648 R1651 R1654 R1735 R1742 R1745 R1748 R1751 R1754 R1835 R1842 R1845 R1848 R1851 R1854 R1935 R1942 R1945 R1948 R1951 R1954 R2035 R2042 R2045 R2048 R2051 R2054
140-017-00	RESISTOR CF	4.7	.1W	5%	R1511 R1611 R1711 R1811 R1911 R2011 R2124-2125 R2220-2221 R2223-2224 R2324-2325 R2420-2421 R2423-2424 R2603-2606
140-032-00	RESISTOR CF	20	.1W	5%	R2521
140-037-00	RESISTOR CF	33	.1W	5%	R2519
140-051-00	RESISTOR CF	120	.1W	5%	R40 R54-55 R67-68 R70-71 R73-74 R76-78 R80 R111 R140-141 R145 R152-153 R175- 176 R178 R186-187 R198-200 R210 R212 R276 R278-279 R289 R303 R305 R311 R315-316 R319-321 R323-324 R332-333 R336-337 R351 R354 R366 R368 R380 R382 R402-407 R1522 R1560 R1562 R1622 R1660 R1662 R1722 R1760 R1762 R1822 R1860 R1862 R1922 R1960 R1962 R2022 R2060 R2062 R2169 R2174 R2369 R2374 R2512-2513 R2516

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Master board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-057-00	RESISTOR CF	220	.1W	5%	R64 R431 R434 R1533 R1566 R1633 R1666 R1733 R1766 R1833 R1866 R1933 R1966 R2033 R2066 R2110 R2250 R2310 R2450
140-061-00	RESISTOR CF	330	.1W	5%	R34 R36 R39 R48-49 R102-103 R118 R125 R142 R154 R159 R177 R188 R201 R213 R1544 R1550 R1556 R1592-1594 R1644 R1650 R1656 R1692-1694 R1744 R1750 R1756 R1792-1794 R1844 R1850 R1856 R1892-1894 R1944 R1950 R1956 R1992- 1994 R2044 R2050 R2056 R2092-2094 R2118-2120 R2154 R2159 R2163 R2318- 2320 R2354 R2359 R2363 R2506 R2510
140-065-00	RESISTOR CF	470	.1W	5%	R2251-2252 R2451-2452 R2501 R2505 R2509
140-066-00	RESISTOR CF	510	.1W	5%	R43 R46 R89 R97 R99 R116 R121 R1504- 1505 R1526 R1539 R1565 R1574 R1582 R1604-1605 R1626 R1639 R1665 R1674 R1682 R1704-1705 R1726 R1739 R1765 R1774 R1782 R1804-1805 R1826 R1839 R1865 R1874 R1882 R1904-1905 R1926 R1939 R1965 R1974 R1982 R2004-2005 R2026 R2039 R2065 R2074 R2082 R2109 R2129 R2147-2148 R2150 R2176 R2309 R2329 R2347-2348 R2350 R2376 R2502 R2523-2524
140-068-00	RESISTOR CF	620	.1W	5%	R137-138 R349-350 R363 R365 R378-379 R1575 R1588 R1675 R1688 R1775 R1788 R1875 R1888 R1975 R1988 R2075 R2088 R2149 R2180 R2349 R2380 R2503
140-072-00	RESISTOR CF	910	.1W	5%	R259 R286 R291 R295
140-074-00	RESISTOR CF	1K1	.1W	5%	R115 R281 R419 R423 R1523 R1585 R1623 R1685 R1723 R1785 R1823 R1885 R1923 R1985 R2023 R2085 R2128 R2175 R2328 R2375
140-076-00	RESISTOR CF	1K3	.1W	5%	R117 R124 R1529 R1629 R1729 R1829 R1929 R2029 R2504
140-080-00	RESISTOR CF	2K	.1W	5%	R60 R267 R393 R2507 R2609
140-083-00	RESISTOR CF	2K7	.1W	5%	R18 R22-23 R44 R47 R69 R98 R101 R234 R2173 R2187-2188 R2191-2192 R2213-2216 R2373 R2387-2388 R2391-2392 R2413-2416
140-086-00	RESISTOR CF	3K6	.1W	5%	R114 R119 R2206-2207 R2406-2407 R2517 R2520 R2602 R2608
140-087-00	RESISTOR CF	3K9	.1W	5%	R260 R263 R283-284 R287-288 R292-293 R1508 R1570 R1608 R1670 R1708 R1770 R1808 R1870 R1908 R1970 R2008 R2070 R2508

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Master board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-090-00	RESISTOR CF	5K1	.1W	5%	R3 R13 R25 R29 R35 R41 R85 R106 R110 R113 R122 R165 R183 R220 R227 R261 R307-308 R346 R360 R374 R394 R396 R418 R1503 R1528 R1540 R1543 R1546 R1549 R1552 R1555 R1559 R1603 R1628 R1640 R1643 R1646 R1649 R1652 R1655 R1659 R1703 R1728 R1740 R1743 R1746 R1749 R1752 R1755 R1759 R1803 R1828 R1840 R1843 R1846 R1849 R1852 R1855 R1859 R1903 R1928 R1940 R1943 R1946 R1949 R1952 R1955 R1959 R2003 R2028 R2040 R2043 R2046 R2049 R2052 R2055 R2059 R2111 R2132-2133 R2144 R2153 R2156 R2158 R2160 R2162 R2179 R2181 R2240- 2241 R2311 R2332-2333 R2344 R2353 R2356 R2358 R2360 R2362 R2379 R2381 R2440-2441
140-091-00	RESISTOR CF	5K6	.1W	5%	R1567 R1576 R1667 R1676 R1767 R1776 R1867 R1876 R1967 R1976 R2067 R2076
140-092-00	RESISTOR CF	6K2	.1W	5%	R1531-1532 R1631-1632 R1731-1732 R1831-1832 R1931-1932 R2031-2032
140-093-00	RESISTOR CF	6K8	.1W	5%	R42 R56 R88 R109 R135-136 R222 R245 R347-348 R361-362 R376-377 R424 R428 R1521 R1564 R1587 R1621 R1664 R1687 R1721 R1764 R1787 R1821 R1864 R1887 R1921 R1964 R1987 R2021 R2064 R2087 R2177-2178 R2377-2378
140-094-00	RESISTOR CF	7K5	.1W	5%	R1 R37-38 R94-95 R112 R130 R147 R181 R193 R195 R205 R208 R301 R310 R326 R328 R344-345 R352 R358-359 R367 R372- 373 R387-388 R398 R1520 R1620 R1720 R1820 R1920 R2020 R2117 R2317
140-097-00	RESISTOR CF	10K	.1W	5%	R4-11 R15-17 R21 R24 R26 R28 R33 R45 R50 R53 R57 R62 R65-66 R72 R75 R79 R81-84 R92-93 R104-105 R131-133 R143- 144 R160-161 R163-164 R168 R171-173 R182 R189-191 R196 R202-203 R206-207 R216-219 R221 R223-225 R242-243 R246 R249 R254-255 R266 R269-270 R275 R296- 297 R300 R306 R309 R314 R317-318 R322 R329-330 R334-335 R338-341 R381 R395 R397 R399-400 R408 R429-430 R432 R1516 R1536-1537 R1558 R1577 R1579-1581 R1586 R1590 R1616 R1636-1637 R1658 R1677 R1679-1681 R1686 R1690 R1716 R1736-1737 R1758 R1777 R1779-1781 R1786 R1790 R1816 R1836-1837 R1858 R1877 R1879-1881 R1886 R1890 R1916 R1936-1937 R1958 R1977 R1979-1981 R1986 R1990 R2016 R2036-2037 R2058 R2077 R2079-2081 R2086 R2090 R2101- 2108 R2112-2113 R2146 R2151 R2301-2308 R2312-2313 R2346 R2351 R2511 R2514 R2525

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Master board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-101-00	RESISTOR CF	15K	.1W	5%	R12 R19 R155-158 R167 R231-232 R412-413 R1563 R1572 R1583-1584 R1595 R1663 R1672 R1683-1684 R1695 R1763 R1772 R1783-1784 R1795 R1863 R1872 R1883-1884 R1895 R1963 R1972 R1983-1984 R1995 R2063 R2072 R2083-2084 R2095 R2116 R2121 R2139-2140 R2142-2143 R2167 R2203 R2316 R2321 R2339-2340 R2342-2343 R2367 R2403
140-104-00	RESISTOR CF	20K	.1W	5%	R2 R14 R63 R90 R100 R229 R280 R304 R401 R410 R421 R1530 R1598 R1630 R1698 R1730 R1798 R1830 R1898 R1930 R1998 R2030 R2098 R2172 R2212 R2230-2231 R2372 R2412 R2430-2431
140-108-00	RESISTOR CF	27K	.1W	5%	R31-32 R123 R128-129 R134 R179 R244 R247-248 R250-253 R257-258 R268 R273 R355-356 R369-370 R383-384 R1589 R1591 R1689 R1691 R1789 R1791 R1889 R1891 R1989 R1991 R2089 R2091 R2114-2115 R2314-2315
140-109-00	RESISTOR CF	30K	.1W	5%	R226 R235-238 R241 R312-313 R1534 R1634 R1734 R1834 R1934 R2034 R2201-2202 R2204-2205 R2401-2402 R2404-2405
140-111-00	RESISTOR CF	36K	.1W	5%	R87 R108 R126-127 R139 R146 R151 R169 R174 R180 R184-185 R192 R197 R204 R209 R230 R264 R299 R302 R325 R327 R390 R392 R409 R411 R417 R426-427
140-112-00	RESISTOR CF	39K	.1W	5%	R27 R61 R389
140-117-00	RESISTOR CF	62K	.1W	5%	R1527 R1627 R1727 R1827 R1927 R2027 R2134 R2182 R2334 R2382
140-123-00	RESISTOR CF	100K	.1W	5%	R170 R256 R420 R422 R1538 R1638 R1738 R1838 R1938 R2038 R2122-2123 R2322-2323 R2515 R2518 R2600-2601
140-130-00	RESISTOR CF	200K	.1W	5%	R20 R1519 R1619 R1719 R1819 R1919 R2019 R2189 R2193 R2208-2209 R2260 R2389 R2393 R2408-2409 R2460
140-147-00	RESISTOR CF	1M	.1W	5%	R51-52 R1578 R1678 R1778 R1878 R1978 R2078 R2135 R2183 R2210-2211 R2335 R2383 R2410-2411
145-300-00	RESISTOR CF	1K30	.1W	1%	R1512-1513 R1612-1613 R1712-1713 R1812-1813 R1912-1913 R2012-2013
145-389-00	RESISTOR MF	10K0	.1W	1%	R1524-1525 R1624-1625 R1724-1725 R1824-1825 R1924-1925 R2024-2025
200-003-02	CAPACITOR MYLAR TAPE	0.033	100V	10%	C1524-1525 C1624-1625 C1724-1725 C1824-1825 C1924-1925 C2024-2025 C2109-2110 C2119-2120 C2309-2310 C2319-2320
200-005-02	CAPACITOR MYLAR T&R	0.0068	100V		C1526-1527 C1626-1627 C1726-1727 C1826-1827 C1926-1927 C2026-2027
200-008-02	CAPACITOR MYLAR T&R	0.0039	100V		C1 C112 C124 C128
200-010-02	CAPACITOR MYLAR T&R	0.0018	100V		C99 C108 C123 C125
200-011-02	CAPACITOR MYLAR T&R	0.0022	100V		C1508 C1608 C1708 C1808 C1908 C2008
200-013-02	CAPACITOR MYLAR T&R	0.0082	100V		C2126 C2132 C2326 C2332
200-015-02	CAPACITOR MYLAR T&R	0.0047	100V		C1501 C1601 C1701 C1801 C1901 C2001 C2250-2251 C2450-2451

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Master board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
200-016-02	CAPACITOR MYLAR T&R	0.015	100V		C2130 C2136 C2330 C2336
200-017-02	CAPACITOR MYLAR T&R	0.0027	100V		C2112-2113 C2122-2123 C2312-2313 C2322-2323
212-001-00	CAPACITOR CERAMIC SMT	0.01	25V	5%	C59 C61 C71 C75 C84 C127 C143-144 C169-230 C249 C251 C253 C262 C1529- 1532 C1534-1537 C1629-1632 C1634-1637 C1729-1732 C1734-1737 C1829-1832 C1834-1837 C1929-1932 C1934-1937 C2029-2032 C2034-2037 C2116 C2138-2147 C2201-2202 C2316 C2338-2347 C2401-2402 C2601 C2603
212-003-00	CAPACITOR CERAMIC SMT	100PF	100V	5%	C34 C38-39 C45 C52 C69-70 C78-79 C91 C94 C145-146 C150-151 C159 C235-236 C245-248 C300-301 C2148-2149 C2207- 2209 C2212 C2348-2349 C2407-2409 C2412
212-004-00	CAPACITOR CERAMIC SMT	220PF	50V	5%	C32-33 C103 C105-106 C109-110 C113 C1511 C1611 C1711 C1811 C1911 C2011 C2108 C2118 C2308 C2318
212-005-00	CAPACITOR CERAMIC SMT	20PF	100V	5%	C6 C14 C17 C19 C22 C31 C35 C37 C41 C44 C46 C48 C53 C62-63 C72-73 C77 C80-81 C90 C95-96 C114 C118 C120 C126 C130- 131 C134 C136 C147-148 C152-153 C155- 156 C160 C162 C165-166 C233-234 C237- 244 C258-261 C1521-1522 C1528 C1543 C1590-1591 C1621-1622 C1628 C1643 C1690-1691 C1721-1722 C1728 C1743 C1790-1791 C1821-1822 C1828 C1843 C1890-1891 C1921-1922 C1928 C1943 C1990-1991 C2021-2022 C2028 C2043 C2090-2091 C2115 C2125 C2131 C2137 C2150-2153 C2205-2206 C2315 C2325 C2331 C2337 C2350-2353 C2405-2406
212-006-00	CAPACITOR CERAMIC SMT	470PF	50V	5%	C76 C82 C167-168 C1506-1507 C1520 C1545 C1606-1607 C1620 C1645 C1706- 1707 C1720 C1745 C1806-1807 C1820 C1845 C1906-1907 C1920 C1945 C2006- 2007 C2020 C2045
212-009-00	CAPACITOR CERAMIC SMT	47PF	100V	5%	C25-26 C64-66 C97-98
212-010-00	CAPACITOR CERAMIC SMT	0.1	25V	5%	C257 C1509 C1599 C1609 C1709 C1809 C1909 C1999 C2009
212-011-00	CAPACITOR CERAMIC	330PF	50V	5%	C1518 C1523 C1618 C1623 C1718 C1723 C1818 C1823 C1918 C1923 C2018 C2023
212-017-00	CAPACITOR CERAMIC SMT	.1UF	25V	10%	C68
220-001-02	CAPACITOR LYTIC RADIAL TAPE	22UF	25V	10%	C256

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Master board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
220-002-02	CAPACITOR LYTIC RADIAL TAPE	47UF	25V	10%	C2-5 C7-13 C15-16 C18 C20-21 C23-24 C27-30 C36 C40 C42-43 C47 C49-51 C54-58 C60 C74 C83 C85-89 C92-93 C100-102 C104 C107 C111 C115-117 C119 C121-122 C129 C132-133 C135 C137-142 C149 C154 C157-158 C161 C163-164 C254-255 C1505 C1510 C1512-1513 C1517 C1519 C1538-1542 C1605 C1610 C1612-1613 C1617 C1619 C1638-1642 C1705 C1710 C1712-1713 C1717 C1719 C1738-1742 C1805 C1810 C1812-1813 C1817 C1819 C1838-1842 C1905 C1910 C1912-1913 C1917 C1919 C1938-1942 C2005 C2010 C2012-2013 C2017 C2019 C2038-2042 C2101 C2104-2107 C2111 C2117 C2121 C2203-2204 C2210-2211 C2301 C2304-2307 C2311 C2317 C2321 C2403-2404 C2410-2411 C2502 C2504 C2600 C2602
220-003-02	CAPACITOR LYTIC RADIAL TAPE	47UF	50V	10%	C1502-1503 C1533 C1602-1603 C1633 C1702-1703 C1733 C1802-1803 C1833 C1902-1903 C1933 C2002-2003 C2033
220-004-00	CAPACITOR LYTIC RADIAL	470UF	10V	10%	C1504 C1604 C1704 C1804 C1904 C2004
220-011-02	CAPACITOR LYTIC RADIAL T&R	100UF	25V	10%	C232 C250 C252
220-013-02	CAPACITOR LYTIC RADIAL TAPE	.22UF	50V	10%	C1514-1516 C1614-1616 C1714-1716 C1814-1816 C1914-1916 C2014-2016
220-014-00	CAPACITOR LYTIC RADIAL KS	2.2UF	50V	10%	C67 C231
300-003-00	DIODE SIGNAL SMD	DL4148			D1 D26 D31 D41 D43 D1500-1502 D1505 D1507 D1600-1602 D1605 D1607 D1700-1702 D1705 D1707 D1800-1802 D1805 D1807 D1900-1902 D1905 D1907 D2000-2002 D2005 D2007 D2101 D2110 D2150 D2301 D2310 D2350 D2521-2526
⚠ 304-006-00	DIODE LED T1-3/4	RED			D27
⚠ 304-027-02	LED T1, T&R W/SPACER	RED			D40 D42 D1504 D1506 D1604 D1606 D1704 D1706 D1804 D1806 D1904 D1906 D2004 D2006 D2102 D2104 D2302 D2304 D2510 D2520
⚠ 304-028-02	LED T1, T&R W/SPACER	YEL			D6 D2509 D2519
304-029-02	LED T1, T&R W/SPACER	GRN			D1503 D1603 D1703 D1803 D1903 D2003 D2103 D2303 D2501-2508 D2511-2518 D2527 D2529-2534
310-003-02	TRANSISTOR PNP, T&R	2SA1084			Q1503-1504 Q1603-1604 Q1703-1704 Q1803-1804 Q1903-1904 Q2003-2004
⚠ 310-006-00	TRANSISTOR POWER NPN	TIP29C			Q8
311-002-00	X-SISTOR PNP SMD	IMBT4403			Q6 Q2501-2502
⚠ 311-004-00	TRANSISTOR JFET SMD	J112			Q2-3 Q5 Q9
311-005-00	X-SISTOR PNP SMD	IMBTA06			Q1 Q4 Q7 Q1501-1502 Q1601-1602 Q1701-1702 Q1801-1802 Q1901-1902 Q2001-2002
320-001-00	I.C. LINEAR	NJM4560			U1 U15
320-004-00	I.C. LINEAR SMD	NJM4560			U2 U4 U7-13 U16-18 U20-39 U1501-1505 U1601-1605 U1701-1705 U1801-1805 U1901-1905 U2001-2005 U2101-2106 U2201 U2301-2306 U2401 U2506

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Master board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
320-006-00	I.C. LINEAR SMD	NJM 2068			U19
323-002-00	I.C. QUAD COMPARATOR SMD	LM339			U2501-2505 U2507-2508
400-002-01	CONNECTOR XLR PC MTG VERT FML				J16 J1501 J1601 J1701 J1801 J1901 J2001
400-003-01	CONNECTOR JACK 1/4" VERT PC MOUNT-W/ LOCKWASHER				J1-6 J8-15 J17-21 J25-39 J1502-1503 J1602- 1603 J1702-1703 J1802-1803 J1902-1903 J2002-2003 J2101-2102 J2301-2302
400-014-00	CONNECTOR STR 5P .156 X 1				J44
400-022-00	CONNECTOR JACK QUAD RCA HORIZ				J7
400-041-00	CONNECTOR XLR PC MTG VERT MALE				J22-24
400-048-00	CONNECTOR RTA 7P .156 X 1				J43
400-059-00	CONN QUICK DISC 250				E1
400-090-00	CONNECTOR STR 12P .100 X 1				J42 J45-46
450-049-00	PCB, MASTER BOARD, 24*4				Z5
500-001-00	SWITCH PUSH VERT PC MTG	2P2T			SW4-5 SW9 SW11-14 SW32-33 SW1501 SW1504-1508 SW1601 SW1604-1608 SW1701 SW1704-1708 SW1801 SW1804- 1808 SW1901 SW1904-1908 SW2001 SW2004-2008 SW2103-2106 SW2303-2306
500-012-00	SWITCH PUSH VERT PC MTG	4P2T			SW1-3 SW6-8 SW10 SW15-16 SW19-22 SW1503 SW1603 SW1703 SW1803 SW1903 SW2003 SW2101-2102 SW2301-2302
620-002-00	RIBBON CABLE, 5 COND, 24GA				E2101 E2301
620-003-00	RIBBON CABLE, 6 COND, 26GA				E999 E1502 E1602 E1702 E1802 E1902 E2002
620-015-00	JUMPER, FLEXSTRIP 30 COND 5"				Z1-2
620-016-00	JUMPER, FLEXSTRIP 20 COND 5"				Z3
620-016-01	FLEXSTRIP JUMPER 30 PIN	7"			J40-41
620-016-02	FLEXSTRIP JUMPER 30 PIN	20"			J50-51
620-017-00	JUMPER, FLEXSTRIP 30 COND 20"				Z4
706-009-00	SPACER, LED NYLON	0.385			ZZ107
706-013-00	STANDOFF, M/F #4 X .978				E40
706-033-01	STANDOFF, SWAGE, #4 X .542L				ZZ77 ZZ79-84 ZZ87-89 ZZ92-94 ZZ97-100 ZZ102-104
760-002-00	BUTTON SW 9X9 MM				ZZ1-6
760-003-00	BUTTON SW 9X5 MM				ZZ9-39 ZZ49 ZZ58-72
760-011-00	BUTTON SW 9X9 MM				ZZ7-8 ZZ40-41
760-013-00	BUTTON SW RECT 9X5	CORE 3.2 SQ			ZZ42-48 ZZ50-57 ZZ73-76

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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



## PCB ASSEMBLY 055-050-00 REV:S SR24/32•4 SLAVE 14 BOARD

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
111-017-00	RESISTOR CF	4.7	.25W	5%	R196-197 R296-297 R396-397 R496-497 R596-597 R696-697 R796-797 R896-897 R996-997 R1096-1097 R1196-1197 R1296-1297 R1396-1397 R1496-1497
115-281-00	RESISTOR CF	825	.25W	1%	R106-107 R206-207 R306-307 R406-407 R506-507 R606-607 R706-707 R806-807 R906-907 R1006-1007 R1106-1107 R1206-1207 R1306-1307 R1406-1407
115-331-00	RESISTOR CF	2K49	.25W	1%	R109-110 R209-210 R309-310 R409-410 R509-510 R609-610 R709-710 R809-810 R909-910 R1009-1010 R1109-1110 R1209-1210 R1309-1310 R1409-1410
115-350-00	RESISTOR CF	3K92	.25W	1%	R114-115 R214-215 R314-315 R414-415 R514-515 R614-615 R714-715 R814-815 R914-915 R1014-1015 R1114-1115 R1214-1215 R1314-1315 R1414-1415
115-364-00	RESISTOR CF	6K04	.25W	1%	R101-102 R201-202 R301-302 R401-402 R501-502 R601-602 R701-702 R801-802 R901-902 R1001-1002 R1101-1102 R1201-1202 R1301-1302 R1401-1402
130-002-02	RESISTOR POT 9MM HORIZ	50KB			R168-169 R268-269 R368-369 R468-469 R568-569 R668-669 R768-769 R868-869 R968-969 R1068-1069 R1168-1169 R1268-1269 R1368-1369 R1468-1469
130-022-02	RESISTOR POT 9MM HORIZ	10KB			R171 R271 R371 R471 R571 R671 R771 R871 R971 R1071 R1171 R1271 R1371 R1471
130-023-02	RESISTOR POT 12MM HORIZ DUAL	500KC			R173 R273 R373 R473 R573 R673 R773 R873 R973 R1073 R1173 R1273 R1373 R1473
130-028-02	RESISTOR POT 12MM HORIZ DUAL	10KC/ 10KA			R157 R257 R357 R457 R557 R657 R757 R857 R957 R1057 R1157 R1257 R1357 R1457
130-030-02	RESISTOR POT 9MM HORIZ	5KZY			R117 R217 R317 R417 R517 R617 R717 R817 R917 R1017 R1117 R1217 R1317 R1417
130-031-00	RESISTOR POT 60MM SLIDE MONO	10KD			R161 R261 R361 R461 R561 R661 R761 R861 R961 R1061 R1161 R1261 R1361 R1461
130-042-02	RESISTOR POT 9MM HORIZ	50KG			R135 R142 R145 R148 R151 R154 R235 R242 R245 R248 R251 R254 R335 R342 R345 R348 R351 R354 R435 R442 R445 R448 R451 R454 R535 R542 R545 R548 R551 R554 R635 R642 R645 R648 R651 R654 R735 R742 R745 R748 R751 R754 R835 R842 R845 R848 R851 R854 R935 R942 R945 R948 R951 R954 R1035 R1042 R1045 R1048 R1051 R1054 R1135 R1142 R1145 R1148 R1151 R1154 R1235 R1242 R1245 R1248 R1251 R1254 R1335 R1342 R1345 R1348 R1351 R1354 R1435 R1442 R1445 R1448 R1451 R1454
140-017-00	RESISTOR CF	4.7	.1W	5%	R111 R211 R311 R411 R511 R611 R711 R811 R911 R1011 R1111 R1211 R1311 R1411

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Slave 14 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-051-00	RESISTOR CF	120	.1W	5%	R122 R160 R162 R222 R260 R262 R322 R360 R362 R422 R460 R462 R522 R560 R562 R622 R660 R662 R722 R760 R762 R822 R860 R862 R922 R960 R962 R1022 R1060 R1062 R1122 R1160 R1162 R1222 R1260 R1262 R1322 R1360 R1362 R1422 R1460 R1462
140-057-00	RESISTOR CF	220	.1W	5%	R133 R166 R233 R266 R333 R366 R433 R466 R533 R566 R633 R666 R733 R766 R833 R866 R933 R966 R1033 R1066 R1133 R1166 R1233 R1266 R1333 R1366 R1433 R1466
140-061-00	RESISTOR CF	330	.1W	5%	R144 R150 R156 R192-194 R244 R250 R256 R292-294 R344 R350 R356 R392-394 R444 R450 R456 R492-494 R544 R550 R556 R592-594 R644 R650 R656 R692-694 R744 R750 R756 R792-794 R844 R850 R856 R892-894 R944 R950 R956 R992-994 R1044 R1050 R1056 R1092-1094 R1144 R1150 R1156 R1192-1194 R1244 R1250 R1256 R1292-1294 R1344 R1350 R1356 R1392- 1394 R1444 R1450 R1456 R1492-1494
140-066-00	RESISTOR CF	510	.1W	5%	R104-105 R126 R139 R165 R174 R182 R204-205 R226 R239 R265 R274 R282 R304-305 R326 R339 R365 R374 R382 R404-405 R426 R439 R465 R474 R482 R504-505 R526 R539 R565 R574 R582 R604-605 R626 R639 R665 R674 R682 R704-705 R726 R739 R765 R774 R782 R804-805 R826 R839 R865 R874 R882 R904-905 R926 R939 R965 R974 R982 R1004-1005 R1026 R1039 R1065 R1074 R1082 R1104-1105 R1126 R1139 R1165 R1174 R1182 R1204-1205 R1226 R1239 R1265 R1274 R1282 R1304-1305 R1326 R1339 R1365 R1374 R1382 R1404-1405 R1426 R1439 R1465 R1474 R1482
140-068-00	RESISTOR CF	620	.1W	5%	R175 R188 R275 R288 R375 R388 R475 R488 R575 R588 R675 R688 R775 R788 R875 R888 R975 R988 R1075 R1088 R1175 R1188 R1275 R1288 R1375 R1388 R1475 R1488
140-074-00	RESISTOR CF	1K1	.1W	5%	R123 R185 R223 R285 R323 R385 R423 R485 R523 R585 R623 R685 R723 R785 R823 R885 R923 R985 R1023 R1085 R1123 R1185 R1223 R1285 R1323 R1385 R1423 R1485
140-076-00	RESISTOR CF	1K3	.1W	5%	R129 R229 R329 R429 R529 R629 R729 R829 R929 R1029 R1129 R1229 R1329 R1429
140-087-00	RESISTOR CF	3K9	.1W	5%	R108 R170 R208 R270 R308 R370 R408 R470 R508 R570 R608 R670 R708 R770 R808 R870 R908 R970 R1008 R1070 R1108 R1170 R1208 R1270 R1308 R1370 R1408 R1470

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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



Slave 14 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-090-00	RESISTOR CF	5K1	.1W	5%	R103 R140 R143 R146 R149 R152 R155 R159 R203 R240 R243 R246 R249 R252 R255 R259 R303 R340 R343 R346 R349 R352 R355 R359 R403 R440 R443 R446 R449 R452 R455 R459 R503 R540 R543 R546 R549 R552 R555 R559 R603 R640 R643 R646 R649 R652 R655 R659 R703 R740 R743 R746 R749 R752 R755 R759 R803 R840 R843 R846 R849 R852 R855 R859 R903 R940 R943 R946 R949 R952 R955 R959 R1003 R1040 R1043 R1046 R1049 R1052 R1055 R1059 R1103 R1140 R1143 R1146 R1149 R1152 R1155 R1159 R1203 R1240 R1243 R1246 R1249 R1252 R1255 R1259 R1303 R1340 R1343 R1346 R1349 R1352 R1355 R1359 R1403 R1440 R1443 R1446 R1449 R1452 R1455 R1459 R528 R1228 R728 R328 R1128 R828 R1428 R1028 R928 R128 R228 R1328 R628 R428
140-091-00	RESISTOR CF	5K6	.1W	5%	R167 R176 R267 R276 R367 R376 R467 R476 R567 R576 R667 R676 R767 R776 R867 R876 R967 R976 R1067 R1076 R1167 R1176 R1267 R1276 R1367 R1376 R1467 R1476
140-092-00	RESISTOR CF	6K2	.1W	5%	R131-132 R231-232 R331-332 R431-432 R531-532 R631-632 R731-732 R831-832 R931-932 R1031-1032 R1131-1132 R1231- 1232 R1331-1332 R1431-1432
140-093-00	RESISTOR CF	6K8	.1W	5%	R121 R164 R187 R221 R264 R287 R321 R364 R387 R421 R464 R487 R521 R564 R587 R621 R664 R687 R721 R764 R787 R821 R864 R887 R921 R964 R987 R1021 R1064 R1087 R1121 R1164 R1187 R1221 R1264 R1287 R1321 R1364 R1387 R1421 R1464 R1487
140-094-00	RESISTOR CF	7K5	.1W	5%	R120 R220 R320 R420 R520 R620 R720 R820 R920 R1020 R1120 R1220 R1320 R1420
140-097-00	RESISTOR CF	10K	.1W	5%	R116 R136-137 R158 R177 R179-181 R186 R190 R216 R236-237 R258 R277 R279-281 R286 R290 R316 R336-337 R358 R377 R379-381 R386 R390 R416 R436-437 R458 R477 R479-481 R486 R490 R516 R536-537 R558 R577 R579-581 R586 R590 R616 R636-637 R658 R677 R679-681 R686 R690 R716 R736-737 R758 R777 R779-781 R786 R790 R816 R836-837 R858 R877 R879-881 R886 R890 R916 R936-937 R958 R977 R979-981 R986 R990 R1016 R1036-1037 R1058 R1077 R1079-1081 R1086 R1090 R1116 R1136-1137 R1158 R1177 R1179-1181 R1186 R1190 R1216 R1236-1237 R1258 R1277 R1279-1281 R1286 R1290 R1316 R1336-1337 R1358 R1377 R1379-1381 R1386 R1390 R1416 R1436-1437 R1458 R1477 R1479-1481 R1486 R1490

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Slave 14 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-101-00	RESISTOR CF	15K	.1W	5%	R163 R172 R183-184 R195 R263 R272 R283-284 R295 R363 R372 R383-384 R395 R463 R472 R483-484 R495 R563 R572 R583-584 R595 R663 R672 R683-684 R695 R763 R772 R783-784 R795 R863 R872 R883-884 R895 R963 R972 R983-984 R995 R1063 R1072 R1083-1084 R1095 R1163 R1172 R1183-1184 R1195 R1263 R1272 R1283-1284 R1295 R1363 R1372 R1383- 1384 R1395 R1463 R1472 R1483-1484 R1495
140-104-00	RESISTOR CF	20K	.1W	5%	R130 R198 R230 R298 R330 R398 R430 R498 R530 R598 R630 R698 R730 R798 R830 R898 R930 R998 R1030 R1098 R1130 R1198 R1230 R1298 R1330 R1398 R1430 R1498
140-108-00	RESISTOR CF	27K	.1W	5%	R189 R191 R289 R291 R389 R391 R489 R491 R589 R591 R689 R691 R789 R791 R889 R891 R989 R991 R1089 R1091 R1189 R1191 R1289 R1291 R1389 R1391 R1489 R1491
140-109-00	RESISTOR CF	30K	.1W	5%	R134 R234 R334 R434 R534 R634 R734 R834 R934 R1034 R1134 R1234 R1334 R1434
140-117-00	RESISTOR CF	62K	.1W	5%	R127 R227 R327 R427 R527 R627 R727 R827 R927 R1027 R1127 R1227 R1327 R1427
140-123-00	RESISTOR CF	100K	.1W	5%	R138 R238 R338 R438 R538 R638 R738 R838 R938 R1038 R1138 R1238 R1338 R1438
140-130-00	RESISTOR CF	200K	.1W	5%	R119 R219 R319 R419 R519 R619 R719 R819 R919 R1019 R1119 R1219 R1319 R1419
140-147-00	RESISTOR CF	1M	.1W	5%	R178 R278 R378 R478 R578 R678 R778 R878 R978 R1078 R1178 R1278 R1378 R1478
145-300-00	RESISTOR CF	1K30	.1W	1%	R112-113 R212-213 R312-313 R412-413 R512-513 R612-613 R712-713 R812-813 R912-913 R1012-1013 R1112-1113 R1212- 1213 R1312-1313 R1412-1413
145-389-00	RESISTOR MF	10K0	.1W	1%	R124-125 R224-225 R324-325 R424-425 R524-525 R624-625 R724-725 R824-825 R924-925 R1024-1025 R1124-1125 R1224- 1225 R1324-1325 R1424-1425
200-003-02	CAPACITOR MYLAR TAPE	0.033	100V	10%	C124-125 C224-225 C324-325 C424-425 C524-525 C624-625 C724-725 C824-825 C924-925 C1024-1025 C1124-1125 C1224- 1225 C1324-1325 C1424-1425
200-005-02	CAPACITOR MYLAR T&R	0.0068	100V		C126-127 C226-227 C326-327 C426-427 C526-527 C626-627 C726-727 C826-827 C926-927 C1026-1027 C1126-1127 C1226- 1227 C1326-1327 C1426-1427
200-011-02	CAPACITOR MYLAR T&R	0.0022	100V		C108 C208 C308 C408 C508 C608 C708 C808 C908 C1008 C1108 C1208 C1308 C1408
200-015-02	CAPACITOR MYLAR T&R	0.0047	100V		C101 C201 C301 C401 C501 C601 C701 C801 C901 C1001 C1101 C1201 C1301 C1401

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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



Slave 14 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
212-001-00	CAPACITOR CERAMIC SMT	0.01	25V	5%	C129-132 C134-137 C229-232 C234-237 C329-332 C334-337 C429-432 C434-437 C529-532 C534-537 C629-632 C634-637 C729-732 C734-737 C829-832 C834-837 C929-932 C934-937 C1029-1032 C1034- 1037 C1129-1132 C1134-1137 C1129-1132 C1134-1137 C1229-1232 C1234-1237 C1329-1332 C1334-1337 C1429-1432 C1434-1437
212-004-00	CAPACITOR CERAMIC SMT	220PF	50V	5%	C111 C211 C311 C411 C511 C611 C711 C811 C911 C1011 C1111 C1211 C1311 C1411
212-005-00	CAPACITOR CERAMIC SMT	20PF	100V	5%	C121-122 C128 C143 C190-191 C221-222 C228 C243 C290-291 C321-322 C328 C343 C390-391 C421-422 C428 C443 C490-491 C521-522 C528 C543 C590-591 C621-622 C628 C643 C690-691 C721-722 C728 C743 C790-791 C821-822 C828 C843 C890-891 C921-922 C928 C943 C990-991 C1021- 1022 C1028 C1043 C1090-1091 C1121-1122 C1128 C1143 C1190-1191 C1221-1222 C1228 C1243 C1290-1291 C1321-1322 C1328 C1343 C1390-1391 C1421-1422 C1428 C1443 C1490-1491
212-006-00	CAPACITOR CERAMIC SMT	470PF	50V	5%	C106-107 C120 C145 C206-207 C220 C245 C306-307 C320 C345 C406-407 C420 C445 C506-507 C520 C545 C606-607 C620 C645 C706-707 C720 C745 C806-807 C820 C845 C906-907 C920 C945 C1006-1007 C1020 C1045 C1106-1107 C1120 C1145 C1206- 1207 C1220 C1245 C1306-1307 C1320 C1345 C1406-1407 C1420 C1445
212-010-00	CAPACITOR CERAMIC SMT	0.1	25V	5%	C109 C199 C209 C309 C409 C499 C509 C609 C709 C799 C809 C909 C1009 C1099 C1109 C1209 C1309 C1399 C1409
212-011-00	CAPACITOR CERAMIC	330PF	50V	5%	C118 C123 C218 C223 C318 C323 C418 C423 C518 C523 C618 C623 C718 C723 C818 C823 C918 C923 C1018 C1023 C1118 C1123 C1218 C1223 C1318 C1323 C1418 C1423
220-002-02	CAPACITOR LYTIC RADIAL TAPE	47UF	25V	10%	C105 C110 C112-113 C117 C119 C138-142 C205 C210 C212-213 C217 C219 C238-242 C305 C310 C312-313 C317 C319 C338-342 C405 C410 C412-413 C417 C419 C438-442 C505 C510 C512-513 C517 C519 C538-542 C605 C610 C612-613 C617 C619 C638-642 C705 C710 C712-713 C717 C719 C738-742 C805 C810 C812-813 C817 C819 C838-842 C905 C910 C912-913 C917 C919 C938-942 C1005 C1010 C1012-1013 C1017 C1019 C1038-1042 C1105 C1110 C1112-1113 C1117 C1119 C1138-1142 C1205 C1210 C1212- 1213 C1217 C1219 C1238-1242 C1305 C1310 C1312-1313 C1317 C1319 C1338- 1342 C1405 C1410 C1412-1413 C1417 C1419 C1438-1442
220-003-02	CAPACITOR LYTIC RADIAL TAPE	47UF	50V	10%	C102-103 C133 C202-203 C233 C302-303 C333 C402-403 C433 C502-503 C533 C602- 603 C633 C702-703 C733 C802-803 C833 C902-903 C933 C1002-1003 C1033 C1102- 1103 C1133 C1202-1203 C1233 C1302-1303 C1333 C1402-1403 C1433



Slave 14 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
220-004-00	CAPACITOR LYTIC RADIAL	470UF	10V	10%	C104 C204 C304 C404 C504 C604 C704 C804 C904 C1004 C1104 C1204 C1304 C1404
220-013-02	CAPACITOR LYTIC RADIAL TAPE	.22UF	50V	10%	C114-116 C214-216 C314-316 C414-416 C514-516 C614-616 C714-716 C814-816 C914-916 C1014-1016 C1114-1116 C1214- 1216 C1314-1316 C1414-1416
⚠ 300-003-00	DIODE SIGNAL SMD	DL4148			D100-102 D105 D107 D200-202 D205 D207 D300-302 D305 D307 D400-402 D405 D407 D500-502 D505 D507 D600-602 D605 D607 D700-702 D705 D707 D800-802 D805 D807 D900-902 D905 D907 D1000-1002 D1005 D1007 D1100-1102 D1105 D1107 D1200- 1202 D1205 D1207 D1300-1302 D1305 D1307 D1400-1402 D1405 D1407
⚠ 304-027-02	LED T1, T&R W/SPACER	RED			D104 D106 D204 D206 D304 D306 D404 D406 D504 D506 D604 D606 D704 D706 D804 D806 D904 D906 D1004 D1006 D1104 D1106 D1204 D1206 D1304 D1306 D1404 D1406
⚠ 304-029-02	LED T1, T&R W/SPACER	GRN			D103 D203 D303 D403 D503 D603 D703 D803 D903 D1003 D1103 D1203 D1303 D1403
310-003-02	TRANSISTOR PNP, T&R	2SA1084			Q103-104 Q203-204 Q303-304 Q403-404 Q503-504 Q603-604 Q703-704 Q803-804 Q903-904 Q1003-1004 Q1103-1104 Q1203- 1204 Q1303-1304 Q1403-1404
311-005-00	X-SISTOR PNP SMD	IMBTA06			Q101-102 Q201-202 Q301-302 Q401-402 Q501-502 Q601-602 Q701-702 Q801-802 Q901-902 Q1001-1002 Q1101-1102 Q1201- 1202 Q1301-1302 Q1401-1402
320-004-00	I.C. LINEAR SMD	NJM4560			U101-105 U201-205 U301-305 U401-405 U501-505 U601-605 U701-705 U801-805 U901-905 U1001-1005 U1101-1105 U1201- 1205 U1301-1305 U1401-1405
400-002-01	CONNECTOR XLR PC MTG VERT FML				J101 J201 J301 J401 J501 J601 J701 J801 J901 J1001 J1101 J1201 J1301 J1401
400-003-01	CONNECTOR JACK 1/4" VERT PC MOUNT-W/ LOCKWASHER				J102-103 J202-203 J302-303 J402-403 J502- 503 J602-603 J702-703 J802-803 J902-903 J1002-1003 J1102-1103 J1202-1203 J1302- 1303 J1402-1403
400-059-00	CONN QUICK DISC 250				E1-2
400-090-00	CONNECTOR STR 12P .100 X 1				J1300 J1304-1305
450-050-00	PCB, SLAVE-14 BOARD, 24*4				Z4
500-001-00	SWITCH PUSH VERT PC MTG	2P2T			SW101 SW104-108 SW201 SW204-208 SW301 SW304-308 SW401 SW404-408 SW501 SW504-508 SW601 SW604-608 SW701 SW704-708 SW801 SW804-808 SW901 SW904-908 SW1001 SW1004-1008 SW1101 SW1104-1108 SW1201 SW1204- 1208 SW1301 SW1304-1308 SW1401 SW1404-1408
500-012-00	SWITCH PUSH VERT PC MTG	4P2T			SW103 SW203 SW303 SW403 SW503 SW603 SW703 SW803 SW903 SW1003 SW1103 SW1203 SW1303 SW1403

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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



Slave 14 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
620-003-00	RIBBON CABLE, 6 COND, 26GA				E102 E202 E302 E402 E502 E602 E702 E802 E902 E1002 E1102 E1202 E1302 E1402
620-015-00	FLEXSTRIP JUMPER 30 COND 5"				Z1-3
760-002-00	BUTTON SW 9X9 MM				ZZ67-80
760-003-00	BUTTON SW 9X5 MM				ZZ81
760-013-00	BUTTON SW RECT 9X5	CORE 3.2 SQ			ZZ82-95
760-033-01	STANDOFF, SWAGE, #4 X .542L				ZZ1-24





## PCB ASSEMBLY 055-052-00 REV:S SR32•4 SLAVE 8 BOARD

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
111-017-00	RESISTOR CF	4.7	.25W	5%	R796-797 R896-897 R996-997 R1096-1097 R1196-1197 R1296-1297 R1396-1397 R1496-1497
115-281-00	RESISTOR CF	825	.25W	1%	R706-707 R806-807 R906-907 R1006-1007 R1106-1107 R1206-1207 R1306-1307 R1406-1407
115-331-00	RESISTOR CF	2K49	.25W	1%	R709-710 R809-810 R909-910 R1009-1010 R1109-1110 R1209-1210 R1309-1310 R1409-1410
115-350-00	RESISTOR CF	3K92	.25W	1%	R714-715 R814-815 R914-915 R1014-1015 R1114-1115 R1214-1215 R1314-1315 R1414-1415
115-364-00	RESISTOR CF	6K04	.25W	1%	R701-702 R801-802 R901-902 R1001-1002 R1101-1102 R1201-1202 R1301-1302 R1401-1402
130-002-02	RESISTOR POT 9MM HORIZ	50KB			R768-769 R868-869 R968-969 R1068-1069 R1168-1169 R1268-1269 R1368-1369 R1468-1469
130-022-02	RESISTOR POT 9MM HORIZ	10KB			R771 R871 R971 R1071 R1171 R1271 R1371 R1471
130-023-02	RESISTOR POT 12MM HORIZ DUAL	500KC			R773 R873 R973 R1073 R1173 R1273 R1373 R1473
130-028-02	RESISTOR POT 12MM HORIZ DUAL	10KC/ 10KA			R757 R857 R957 R1057 R1157 R1257 R1357 R1457
130-030-02	RESISTOR POT 9MM HORIZ	5KZY			R717 R817 R917 R1017 R1117 R1217 R1317 R1417
130-031-00	RESISTOR POT 60MM SLIDE MONO	10KD			R761 R861 R961 R1061 R1161 R1261 R1361 R1461
130-042-02	RESISTOR POT 9MM HORIZ	50KG			R735 R742 R745 R748 R751 R754 R835 R842 R845 R848 R851 R854 R935 R942 R945 R948 R951 R954 R1035 R1042 R1045 R1048 R1051 R1054 R1135 R1142 R1145 R1148 R1151 R1154 R1235 R1242 R1245 R1248 R1251 R1254 R1335 R1342 R1345 R1348 R1351 R1354 R1435 R1442 R1445 R1448 R1451 R1454
140-017-00	RESISTOR CF	4.7	.1W	5%	R711 R811 R911 R1011 R1111 R1211 R1311 R1411
140-051-00	RESISTOR CF	120	.1W	5%	R722 R760 R762 R822 R860 R862 R922 R960 R962 R1022 R1060 R1062 R1122 R1160 R1162 R1222 R1260 R1262 R1322 R1360 R1362 R1422 R1460 R1462
140-057-00	RESISTOR CF	220	.1W	5%	R733 R766 R833 R866 R933 R966 R1033 R1066 R1133 R1166 R1233 R1266 R1333 R1366 R1433 R1466
140-061-00	RESISTOR CF	330	.1W	5%	R744 R750 R756 R792-794 R844 R850 R856 R892-894 R944 R950 R956 R992-994 R1044 R1050 R1056 R1092-1094 R1144 R1150 R1156 R1192-1194 R1244 R1250 R1256 R1292-1294 R1344 R1350 R1356 R1392-1394 R1444 R1450 R1456 R1492-1494

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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



Slave 8 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-066-00	RESISTOR CF	510	.1W	5%	R704-705 R726 R739 R765 R774 R782 R804-805 R826 R839 R865 R874 R882 R904-905 R926 R939 R965 R974 R982 R1004-1005 R1026 R1039 R1065 R1074 R1082 R1104-1105 R1126 R1139 R1165 R1174 R1182 R1204-1205 R1226 R1239 R1265 R1274 R1282 R1304-1305 R1326 R1339 R1365 R1374 R1382 R1404-1405 R1426 R1439 R1465 R1474 R1482
140-068-00	RESISTOR CF	620	.1W	5%	R775 R788 R875 R888 R975 R988 R1075 R1088 R1175 R1188 R1275 R1288 R1375 R1388 R1475 R1488
140-074-00	RESISTOR CF	1K1	.1W	5%	R723 R785 R823 R885 R923 R985 R1023 R1085 R1123 R1185 R1223 R1285 R1323 R1385 R1423 R1485
140-076-00	RESISTOR CF	1K3	.1W	5%	R729 R829 R929 R1029 R1129 R1229 R1329 R1429
140-087-00	RESISTOR CF	3K9	.1W	5%	R708 R770 R808 R870 R908 R970 R1008 R1070 R1108 R1170 R1208 R1270 R1308 R1370 R1408 R1470
140-090-00	RESISTOR CF	5K1	.1W	5%	R703 R740 R743 R746 R749 R752 R755 R759 R803 R840 R843 R846 R849 R852 R855 R859 R903 R940 R943 R946 R949 R952 R955 R959 R1003 R1040 R1043 R1046 R1049 R1052 R1055 R1059 R1103 R1140 R1143 R1146 R1149 R1152 R1155 R1159 R1203 R1240 R1243 R1246 R1249 R1252 R1255 R1259 R1303 R1340 R1343 R1346 R1349 R1352 R1355 R1359 R1403 R1440 R1443 R1446 R1449 R1452 R1455 R1459
140-090-00	RESISTOR TF	5K1	.1W	5%	R1428 R728 R828 R1228 R1028 R1128 R1328 R928
140-091-00	RESISTOR CF	5K6	.1W	5%	R767 R776 R867 R876 R967 R976 R1067 R1076 R1167 R1176 R1267 R1276 R1367 R1376 R1467 R1476
140-092-00	RESISTOR CF	6K2	.1W	5%	R731-732 R831-832 R931-932 R1031- 1032 R1131-1132 R1231-1232 R1331-1332 R1431-1432
140-093-00	RESISTOR CF	6K8	.1W	5%	R721 R764 R787 R821 R864 R887 R921 R964 R987 R1021 R1064 R1087 R1121 R1164 R1187 R1221 R1264 R1287 R1321 R1364 R1387 R1421 R1464 R1487
140-094-00	RESISTOR CF	7K5	.1W	5%	R720 R820 R920 R1020 R1120 R1220 R1320 R1420
140-097-00	RESISTOR CF	10K	.1W	5%	R716 R736-737 R758 R777 R779-781 R786 R790 R816 R836-837 R858 R877 R879-881 R886 R890 R916 R936-937 R958 R977 R979-981 R986 R990 R1016 R1036-1037 R1058 R1077 R1079-1081 R1086 R1090 R1116 R1136-1137 R1158 R1177 R1179-1181 R1186 R1190 R1216 R1236-1237 R1258 R1277 R1279-1281 R1286 R1290 R1316 R1336-1337 R1358 R1377 R1379-1381 R1386 R1390 R1416 R1436-1437 R1458 R1477 R1479-1481 R1486 R1490

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Slave 8 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
140-101-00	RESISTOR CF	15K	.1W	5%	R763 R772 R783-784 R795 R863 R872 R883-884 R895 R963 R972 R983-984 R995 R1063 R1072 R1083-1084 R1095 R1163 R1172 R1183-1184 R1195 R1263 R1272 R1283-1284 R1295 R1363 R1372 R1383- 1384 R1395 R1463 R1472 R1483-1484 R1495
140-104-00	RESISTOR CF	20K	.1W	5%	R730 R798 R830 R898 R930 R998 R1030 R1098 R1130 R1198 R1230 R1298 R1330 R1398 R1430 R1498
140-108-00	RESISTOR CF	27K	.1W	5%	R789 R791 R889 R891 R989 R991 R1089 R1091 R1189 R1191 R1289 R1291 R1389 R1391 R1489 R1491
140-109-00	RESISTOR CF	30K	.1W	5%	R734 R834 R934 R1034 R1134 R1234 R1334 R1434
140-117-00	RESISTOR CF	62K	.1W	5%	R727 R827 R927 R1027 R1127 R1227 R1327 R1427
140-123-00	RESISTOR CF	100K	.1W	5%	R738 R838 R938 R1038 R1138 R1238 R1338 R1438
140-130-00	RESISTOR CF	200K	.1W	5%	R719 R819 R919 R1019 R1119 R1219 R1319 R1419
140-147-00	RESISTOR CF	1M	.1W	5%	R778 R878 R978 R1078 R1178 R1278 R1378 R1478
145-300-00	RESISTOR CF	1K30	.1W	1%	R712-713 R812-813 R912-913 R1012-1013 R1112-1113 R1212-1213 R1312-1313 R1412- 1413
145-389-00	RESISTOR MF	10K0	.1W	1%	R724-725 R824-825 R924-925 R1024- 1025 R1124-1125 R1224-1225 R1324-1325 R1424-1425
200-003-02	CAPACITOR MYLAR TAPE	0.033	100V	10%	C724-725 C824-825 C924-925 C1024- 1025 C1124-1125 C1224-1225 C1324-1325 C1424-1425
200-005-02	CAPACITOR MYLAR T&R	0.0068	100V		C726-727 C826-827 C926-927 C1026- 1027 C1126-1127 C1226-1227 C1326-1327 C1426-1427
200-011-02	CAPACITOR MYLAR T&R	0.0022	100V		C708 C808 C908 C1008 C1108 C1208 C1308 C1408
200-015-02	CAPACITOR MYLAR T&R	0.0047	100V		C701 C801 C901 C1001 C1101 C1201 C1301 C1401
212-001-00	CAPACITOR CERAMIC SMT	0.01	25V	5%	C729-732 C734-737 C829-832 C834-837 C929-932 C934-937 C1029-1032 C1034- 1037 C1129-1132 C1134-1137 C1229-1232 C1234-1237 C1329-1332 C1334-1337 C1429-1432 C1434-1437
212-004-00	CAPACITOR CERAMIC SMT	220PF	50V	5%	C711 C811 C911 C1011 C1111 C1211 C1311 C1411
212-005-00	CAPACITOR CERAMIC SMT	20PF	100V	5%	C721-722 C728 C743 C790-791 C821-822 C828 C843 C890-891 C921-922 C928 C943 C990-991 C1021-1022 C1028 C1043 C1090- 1091 C1121-1122 C1128 C1143 C1190-1191 C1221-1222 C1228 C1243 C1290-1291 C1321-1322 C1328 C1343 C1390-1391 C1421-1422 C1428 C1443 C1490-1491

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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



Slave 8 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
212-006-00	CAPACITOR CERAMIC SMT	470PF	50V	5%	C706-707 C720 C745 C806-807 C820 C845 C906-907 C920 C945 C1006-1007 C1020 C1045 C1106-1107 C1120 C1145 C1206- 1207 C1220 C1245 C1306-1307 C1320 C1345 C1406-1407 C1420 C1445
212-010-00	CAPACITOR CERAMIC SMT	0.1	25V	5%	C709 C799 C809 C909 C1009 C1099 C1109 C1209 C1309 C1399 C1409
212-011-00	CAPACITOR CERAMIC	330PF	50V	5%	C718 C723 C818 C823 C918 C923 C1018 C1023 C1118 C1123 C1218 C1223 C1318 C1323 C1418 C1423
220-002-02	CAPACITOR LYTIC RADIAL TAPE	47UF	25V	10%	C705 C710 C712-713 C717 C719 C738-742 C805 C810 C812-813 C817 C819 C838-842 C905 C910 C912-913 C917 C919 C938-942 C1005 C1010 C1012-1013 C1017 C1019 C1038-1042 C1105 C1110 C1112-1113 C1117 C1119 C1138-1142 C1205 C1210 C1212- 1213 C1217 C1219 C1238-1242 C1305 C1310 C1312-1313 C1317 C1319 C1338- 1342 C1405 C1410 C1412-1413 C1417 C1419 C1438-1442
220-003-02	CAPACITOR LYTIC RADIAL TAPE	47UF	50V	10%	C702-703 C733 C802-803 C833 C902-903 C933 C1002-1003 C1033 C1102-1103 C1133 C1202-1203 C1233 C1302-1303 C1333 C1402-1403 C1433
220-004-00	CAPACITOR LYTIC RADIAL	470UF	10V	10%	C704 C804 C904 C1004 C1104 C1204 C1304 C1404
220-013-02	CAPACITOR LYTIC RADIAL TAPE	.22UF	50V	10%	C714-716 C814-816 C914-916 C1014-1016 C1114-1116 C1214-1216 C1314-1316 C1414- 1416
300-003-00	DIODE SIGNAL SMD	DL4148			D700-702 D705 D707 D800-802 D805 D807 D900-902 D905 D907 D1000-1002 D1005 D1007 D1100-1102 D1105 D1107 D1200- 1202 D1205 D1207 D1300-1302 D1305 D1307 D1400-1402 D1405 D1407
⚠ 304-027-02	LED T1, T&R W/SPACER	RED			D704 D706 D804 D806 D904 D906 D1004 D1006 D1104 D1106 D1204 D1206 D1304 D1306 D1404 D1406
⚠ 304-029-02	LED T1, T&R W/SPACER	GRN			D703 D803 D903 D1003 D1103 D1203 D1303 D1403
310-003-02	TRANSISTOR PNP, T&R	2SA1084			Q703-704 Q803-804 Q903-904 Q1003- 1004 Q1103-1104 Q1203-1204 Q1303-1304 Q1403-1404
311-005-00	X-SISTOR PNP SMD	IMBTA06			Q701-702 Q801-802 Q901-902 Q1001- 1002 Q1101-1102 Q1201-1202 Q1301-1302 Q1401-1402
320-004-00	I.C. LINEAR SMD	NJM4560			U701-705 U801-805 U901-905 U1001- 1005 U1101-1105 U1201-1205 U1301-1305 U1401-1405
400-002-01	CONNECTOR XLR PC MTG VERT FML				J701 J801 J901 J1001 J1101 J1201 J1301 J1401
400-003-01	CONNECTOR JACK 1/4" VERT PC MOUNT-W/ LOCKWASHER				J702-703 J802-803 J902-903 J1002-1003 J1102-1103 J1202-1203 J1302-1303 J1402- 1403
400-059-00	CONN QUICK DISC 250				E1-2
400-090-00	CONNECTOR STR 12P .100 X 1				J1300 J1304-1305

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Slave 8 board continued..

PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
450-052-00	PCB, SLAVE-8 BOARD, SR32-4				Z4
500-001-00	SWITCH PUSH VERT PC MTG	2P2T			SW701 SW704-708 SW801 SW804-808 SW901 SW904-908 SW1001 SW1004-1008 SW1101 SW1104-1108 SW1201 SW1204- 1208 SW1301 SW1304-1308 SW1401 SW1404-1408
500-012-00	SWITCH PUSH VERT PC MTG	4P2T			SW703 SW803 SW903 SW1003 SW1103 SW1203 SW1303 SW1403
620-003-00	RIBBON CABLE, 6 COND, 26GA				E702 E802 E902 E1002 E1102 E1202 E1302 E1402
620-015-00	FLEXSTRIP JUMPER 30 COND 5"				ZZ-3
706-033-01	STANDOFF, SWAGE, #4 X .542L				ZZ1-7 ZZ10-12 ZZ16-18 ZZ22-24
760-002-00	BUTTON SW 9X9 MM				ZZ67-70 ZZ75-78
760-003-00	BUTTON SW 9X5 MM				ZZ8-9 ZZ13-15 ZZ19-21 ZZ49-66 ZZ71-74 ZZ79-84 ZZ89-91 ZZ96
760-013-00	BUTTON SW RECT 9X5	CORE 3.2 SQ			ZZ85-88 ZZ92-95



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



## 080-011-00 REV A3 SA POWER SUPPLY - SR32•4 120V

PART#	REV	DESCRIPTION	QTY	NOTES
040-046-00	A	18GA 1015 GRN 6IN LUG	1	
040-047-00	A	22GA 1007 RED 4IN QDX2	1	
⚠ 055-053-00	S00	PCB ASSY PWR SPLY 24/32.4	1	SEE NEXT PAGE
⚠ 080-051-00	1	SA XFMR SR32.4 120V	1	TRANSFORMER 120 VAC
⚠ 400-009-00	A	IEC W/FUSEHOLDER	1	
⚠ 410-002-00	A	INSL SILPAD .007 SELF ADHESIVE	4	
⚠ 500-013-00	A	SWITCH ROCKER SPST 6A POWER SAFETY	1	
⚠ 500-016-00	A	SWITCH ROCKER SPST 6A/250V	1	
⚠ 510-001-00	B	FUSE SB 1A 5X20MM 250V UL	1	
550-149-00	C2	BRKT HEATSINK PS - SR24.4	1	
550-154-00	B10	TRANSISTOR BAR - SR24.4	1	
611-014-00	D00	WIR 18G 1010 BLK 1.75 ST2	1	
700-005-00	A	SEMS 8-32X1/2 PHP BLKZC	2	
700-011-00	A	MCH 4-40X1/4 BTNSKT BLKOX	2	
700-035-06	A	TF 6-32X1/2 PHP CLRZC	2	
705-001-00	A	KEPNUT 6-32	2	
705-008-00	A	NUT LOCK 8-32	2	
740-003-00	A	TYRAP 8IN BLK	1	



## 055-053-00 REV S00 PCB ASSY POWER SUPPLY SR24/32•4

	PART#	DESCRIPTION	VALUE	WATT/ VOLT	TOL	REF-DES
⚠	321-003-00	REG 7805 +5V	LM 7805	5V		U3
	100-028-00	RES CF .125W 5% 130 OHM	130	.125W	5%	R3 R5
	100-031-00	RES CF .125W 5% 180 OHM	180	.125W	5%	R21
	400-014-00	HDR 5P .156X1 STR				J1
	400-015-00	HDR 7P .156X1 STR				J2 J107
	400-059-00	TERM QDISC .250 MALE PCMT				J3 J5-6
	400-059-00	TERM QDISC .250 MALE PCMT (-00 ASSY ONLY)				J4
⚠	510-002-00	FUSE .5A SLO BLO 5 X 20MM	.5A	250V		F1
	706-008-00	STDF SWAGE 4-40X.34LX.25 (-00 ASSY ONLY)				Z3-4
	100-057-00	RES CF .125W 5% 2K2 OHM	2K2	.125W	5%	R2 R4
	100-064-00	RES CF .125W 5% 4K3 OHM	4K3	.125W	5%	R6-7
	110-080-00	RES CF .25W 5% 20K OHM	20K	.25W	5%	R1
⚠	121-093-00	RES MO 1W 5% 6K8 OHM	6K8	1W	5%	R20
	301-001-00	DIO PWR 1N4002	1N4002			D5-19 D22-23
	301-003-00	DIO PWR 1N5401 3A 100V	1N5401	3 AMP		D1-4
	211-001-00	CER .01UF +80/-20% 25V AX	0.01	25V	-400	C10-12
	211-010-00	CER .01UF +80/-20% 50V AX	0.01	50V	-400	C13
	220-027-02	LYT 10UF 20% 50V RAD TR	10UF	50V	10%	C14-15
	220-011-00	LYT 100UF 20% 25V RAD	100UF	25V	10%	C3-4
	220-007-00	LYT 100UF 20% 100V RAD	100UF	100V	10%	C5
	220-026-00	LYT 1000UF 20% 100V RAD	1,000UF	100V	10%	C6
	220-002-02	LYT 47UF 20% 25V RAD TR	47UF	25V	20%	C8
	220-012-02	LYT 4.7UF 20% 63V RAD TR	4.7UF	63V	10%	C9
⚠	220-023-00	LYT 6800UF 20% 35V RAD	6,800UF	35V	10%	C1-2 C7
⚠	321-008-00	REG LM317T ADJ	LM317T	ADJ		U1 U4
⚠	321-009-00	REG LM337T ADJ	LM337T			U2
	400-348-00	TERM .187 QDISC STBL PCMT (-01 ASSY ONLY)				J/4
	040-045-00	18GA 1015 GRN 4IN LUG				Z1
	740-003-00	TYWRAP 8" BLK				Z2
	840-401-00	LBL WIRE COLOR (-01 ASSY ONLY)				Z5
⚠	400-060-00	FUSE CLIP PC MT 5MM DIA				Z8-9
⚠	450-053-00	PCB, SR 24-4,SR 32-4 POWER SUPPLY				Z18



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.

