

# REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
<b>CAPACITORS</b>		
C001	ECA1CM470B	CAP,E 47UF/16V
C002	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C005	ECA1CM470B	CAP,E 47UF/16V
C006	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C008	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C009	TCJ2VC1H101J	CAP,C 100PF-J-50V
C010	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C012	ECA1HM220B	CAP,E 22UF-50V
C013	ECA0JM101B	CAP,E 100UF-6.3V
C014	TCJ2VC1H390J	CAP,C 39PF-J-50V
C015	TCJ2VC1H120J	CAP,C 12PF-J-50V
C017	TCJ2VC1H270J	CAP,C 27PF-J-50V
C018	TCJ2VC1H270J	CAP,C 27PF-J-50V
C020	ECA0JM331B	CAP,E 330UF-6.3V
C024	ECA1HM4R7B	CAP,E 4.7UF-50V
C025	ECA1HM010B	CAP,E 1UF-50V
C026	ECA1HM010B	CAP,E 1UF-50V
C033	TCJ2VC1H680J	CAP,C 68PF-J-50V
C034	TCJ2VC1H680J	CAP,C 68PF-J-50V
C043	ECA1HM2R2B	CAP,E 2.2UF-50V
C044	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C045	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C047	ECA0JM102B	CAP,E 1000UF-6.3V
C048	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C049	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C058	ECA1CM470B	CAP,E 47UF/16V
C059	ECA1HM4R7B	CAP,E 4.7UF-50V
C060	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C061	ECA1HM2R2B	CAP,E 2.2UF-50V
C062	ECA1CM470B	CAP,E 47UF/16V
C064	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C081	ECA1HM010B	CAP,E 1UF-50V
C201	TCJ2VB1C104K	CAP,C .1UF-K-16V
C224	TCJ2VB1C104K	CAP,C .1UF-K-16V
C225	TCJ2VB1C104K	CAP,C .1UF-K-16V
C226	TCJ2VB1C104K	CAP,C .1UF-K-16V
C301	TCJ2VB1C104K	CAP,C .1UF-K-16V
C302	TCJ2VB1C104K	CAP,C .1UF-K-16V
C303	TCJ2VB1C104K	CAP,C .1UF-K-16V
C307	ECA1HM0R1B	CAP,E 0.1UF/50V
C309	TCJ2VC1H390J	CAP,C 39PF-J-50V
C310	TCJ2VC1H390J	CAP,C 39PF-J-50V
C314	EEANA1E1R0B	CAP,E 1.0UF-25V
C315	EEANA1E1R0B	CAP,E 1.0UF-25V
C320	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C321	TCJ2VB1H103K	CAP,C .01UF-K-50V
C322	TCJ2VB1H103K	CAP,C .01UF-K-50V
C323	TCJ2VB1H103K	CAP,C .01UF-K-50V
C324	ECJ2VF1H104Z	CAP,C .1UF-Z-50V

REF NO.	PART NO.	DESCRIPTION
C330	ECA1AM101B	CAP,E 100UF-10V
C331	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C337	ECA1HM2R2B	CAP,E 2.2UF-50V
C342	ECA1HM010B	CAP,E 1UF-50V
C401	TCJ2VB1C104K	CAP,C .1UF-K-16V
C402	TCJ2VB1H102K	CAP,C .001UF-K-50V
C403	ECA1HM010B	CAP,E 1UF-50V
C404	ECA1HM010B	CAP,E 1UF-50V
C405	ECSF1EE105VB	CAP,E 1.0UF-25V
C407	ECA1HM220B	CAP,E 22UF-50V
C409	TCJ2VC1H101J	CAP,C 100PF-J-50V
C410	TCJ2VB1C104K	CAP,C .1UF-K-16V
C415	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C453	EEUNA1E220B	CAP,E 22UF-25V
C454	ECA1HHG221B	CAP,E 220UF-50V
C456	ECQB1104JF3	CAP,P .10UF-J-100V
C458	ECQB1H472JM3	CAP,P 4700PF-J-50V
C459	ECQB1224KF3	CAP,P .22UF-K-100V
C460	ECA1EM102E	CAP,E 1000UF-25V
C462	ECA1EM102E	CAP,E 1000UF-25V
C463	ECQB1H103JM3	CAP,P .01UF-J-50V
C465	ECA1CM101B	CAP,E 100UF/16V
C470	ECQB1H104JM3	CAP,P .1UF-J-50V
C471	ECQB1H104JM3	CAP,P .1UF-J-50V
C495	ECQB1H683JM3	CAP,P .063UF-J-50V
C501	ECQB1H222JM3	CAP,P 2200PF-J-50V
C502	ECA1HMR22B	CAP,E .22UF-50V
C504	ECKR2H152KB5	CAP,C .0015UF-K-500V
C505	TCJ2VC1H180J	CAP,C 18PF-J-50V
C506	ECA1CM471B	CAP,E 470UF-16V
C507	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C508	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C509	ECKR3A681KBP	CAP,C 680PF-K-1KV
C510	TCJ2VC1H101J	CAP,C 100PF-J-50V
<b>C511</b>	<b>ECWH20242JVY</b>	<b>CAP,P 2400PF-J-2KV</b>
C512	ECKR2H332KB5	CAP,C 3300PF-K-550V
<b>C513</b>	<b>ECQF4273JZH</b>	<b>CAP,P .027UF-J-400V</b>
<b>C514</b>	<b>ECWH20133JVB</b>	<b>CAP,P 13000PF-J-2KV</b>
<b>C518</b>	<b>ECKW3D681KBR</b>	<b>CAP,C 680PF-K-2KV</b>
<b>C519</b>	<b>ECKW3D681KBR</b>	<b>CAP,C 680PF-K-2KV</b>
<b>C520</b>	<b>ECQB1H153JM3</b>	<b>CAP,P .015UF-J-50V</b>
<b>C522</b>	<b>ECWH20182JVY</b>	<b>CAP,P 1800PF-J-2KV</b>
C524	ECQB1224JF3	CAP,P .22UF-J-100V
C526	ECA2EM470E	CAP,E 47UF-250V
C527	ECKR2H102KB5	CAP,C 1000PF-K-500V
<b>C528</b>	<b>ECA1HM4R7B</b>	<b>CAP,E 4.7UF-50V</b>
<b>C531</b>	<b>ECA160V33UE</b>	<b>CAP,E 33UF/160V</b>
<b>C532</b>	<b>ECQF4183JZH</b>	<b>CAP,P .018UF-J-400V</b>
C537	ECEA2CNR47SB	CAP,E .47UF-160V
C553	ECWF2105JSR	CAP,P .1UF-J-200V CT-36SX31E/CE/UE

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REF NO.	PART NO.	DESCRIPTION
C553	ECWF2125JSR	CAP,M .21UF-J-200V <i>CT-32SX31E/CE/UE</i>
C554	ECA1AM222E	CAP,E 2200UF-10V
C555	TCJ2VB1H103K	CAP,C .01UF-K-50V
C557	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C569	ECWF2394JSR	CAP,M .39UF-J-200V
C572	ECWF2334JSR	CAP,M .33UF-J-200V <i>CT-32SX31E/CE/UE</i>
C572	ECWF2474JSR	CAP,P .47UF-J-200V <i>CT-36SX31E/CE/UE</i>
C573	ECQE2474KFB	CAP,P .47UF-K-200V
C574	ECA1HM470B	CAP,E 47UF-50V
C575	ECQV1H334JL3	CAP,P .33UF-J-50V
C595	ECA1HM100B	CAP,E 10UF/50V
C601	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C603	ECQB1H223JM3	CAP,P .022UF-J-50V
C616	TCJ2VB1C104K	CAP,C .1UF-K-16V
C619	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C628	TCJ2VC1H151J	CAP,C 150PF-J-50V
C632	TCJ2VB1H103K	CAP,C .01UF-K-50V
C641	ECA1HM100B	CAP,E 10UF/50V
C701	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C750	TACCW181T50V	CAP,C 180PF/50V
C751	ECQE1335KFB	CAP,P 3.3UF-K-100V
C752	ECA1VM470B	CAP,E 47UF/35V
C753	ECQB1H222JM3	CAP,P 2200PF-J-50V
C754	TACCW332T50V	CAP,C .0033UF/50V
C755	ECQB1H273JM3	CAP,M .27UF-J-50V
C756	ECKR2H332KB5	CAP,C 3300PF-K-550V
C757	ECQB1H682JM3	CAP,P 6800PF-J-50V
C763	ECKR3A121KBP	CAP,C 120PF-K-1KV
<b>C801</b>	<b>ECQU2A224MVA</b>	<b>CAP,P .22UF-M-250VAC</b>
<b>C802</b>	<b>ECQU2A823MNB</b>	<b>CAP,P .082UF-M-250VAC</b>
C803	ECQB1H222JM3	CAP,P 2200PF-J-50V
<b>C804</b>	<b>EC0S2DA821DB</b>	<b>CAP,E 820UF-200V</b>
<b>C805</b>	<b>ECKW2H472PU7</b>	<b>CAP,C 4700PF-P-500V</b>
<b>C806</b>	<b>ECKW2H472PU7</b>	<b>CAP,C 4700PF-P-500V</b>
<b>C807</b>	<b>ECKW2H472PU7</b>	<b>CAP,C 4700PF-P-500V</b>
<b>C808</b>	<b>ECKW2H472PU7</b>	<b>CAP,C 4700PF-P-500V</b>
C809	ECQB1H333JM3	CAP,P .033UF-J-50V
C810	ECQB1H102JM3	CAP,P 1000PF-J-50V
<b>C811</b>	<b>EC0S2DA821DB</b>	<b>CAP,E 820UF-200V</b>
C815	ECA1EM471B	CAP,E 470UF-25V
C817	ECQB1H332JM3	CAP,P 3300PF-J-50V
C819	TACCQ221T50V	CAP,C 220PF/50V
C820	ECA1EHG471B	CAP,E 470UF-25V
C821	ECKW3D222KBP	CAP,C 2200UF-K-2KVDC
C822	ECQB1H393JM3	CAP,P .039UF-J-50V
C826	ECA1CM222E	CAP,E 2200UF-16V
C827	ECQB1H333JM3	CAP,P .033UF-J-50V
C829	ECA1HHG102E	CAP,E 1000UF-50V

REF NO.	PART NO.	DESCRIPTION
<b>C830</b>	<b>EC0S2CA102CB</b>	<b>CAP,E 1000UF-160V</b>
C831	ECKR3A102KBP	CAP,C 1000PF-K-1KV
C832	ECA1CM221B	CAP,E 220UF-16V
C833	ECKR3A471KBP	CAP,C 470PF-K-1KV
C834	ECA1CM332E	CAP,E 3300UF-16V
C836	ECKR3A331KBP	CAP,C 330PF-K-1KVDC
C837	ECA1EM222E	CAP,E 2200UF-25V
C839	ECKR3A151KBP	CAP,C 150PF-K-1KV
C840	ECA1EM222E	CAP,E 2200UF-25V
C841	ECA1EM102E	CAP,E 1000UF-25V
C842	ECKR3A331KBP	CAP,C 330PF-K-1KVDC
C843	ECA1VM102E	CAP,E 1000UF-35V
C844	ECKR3A471KBP	CAP,C 470PF-K-1KV
C845	ECA1CM101B	CAP,E 100UF/16V
C846	ECA1HM010B	CAP,E 1UF-50V
C848	ECA1CM101B	CAP,E 100UF/16V
<b>C852</b>	<b>ECKCNB102MB</b>	<b>CAP,C 1000PF-M-250V</b>
<b>C853</b>	<b>ECKCNB102MB</b>	<b>CAP,C 1000PF-M-250V</b>
<b>C854</b>	<b>ECKCNB472ME</b>	<b>CAP,C 4700PF-M-250V</b>
<b>C855</b>	<b>ECKCNB472ME</b>	<b>CAP,C 4700PF-M-250V</b>
C881	ECA1CM101B	CAP,E 100UF/16V
C883	ECA1CM101B	CAP,E 100UF/16V
C885	ECA1CM471B	CAP,E 470UF-16V
C886	ECA1CM102B	CAP,E 1000UF/16V
C888	ECA1CM471B	CAP,E 470UF-16V
C889	ECA1CM221B	CAP,E 220UF-16V
C895	ECA1EM101B	CAP,E 100UF-25V
C904	ECKR1H103ZF5	CAP,C .01UF-Z-50V
C952	ECA1HM100B	CAP,E 10UF/50V
C953	ECKR1H103ZF5	CAP,C .01UF-Z-50V
C958	ECA2CM470E	CAP,E 47UF-160V
C959	ECKW2H103KB5	CAP,C .01UF-K-500V
C960	ECCR2H151J5	CAP,C 150-500V
C961	ECA2AM100B	CAP,E 10UF-100V
C962	ECKW2H103KB5	CAP,C .01UF-K-500V
C963	ECCR1H151J5	CAP DISC 150-5-50V
C964	ECA1CHG101B	CAP,E 100UF-16V
C966	ECA1CHG101B	CAP,E 100UF-16V
C967	ECA1CM221B	CAP,E 220UF-16V
C968	ECKR1H103ZF5	CAP,C .01UF-Z-50V
C969	ECKR1H103ZF5	CAP,C .01UF-Z-50V
C971	ECKR1H222KB5	CAP,C 2200PF-K-50V
C1051	TACCX103T50V	CAP,C .01UF/50V
C1052	ECA1HM470B	CAP,E 47UF-50V
C1063	ECCR1H101JC5	CAP,C 100PF-J-50V
C1552	ECKR1H103ZF5	CAP,C .01UF-Z-50V
C1553	ECKR1H103ZF5	CAP,C .01UF-Z-50V
C1554	ECQB1H222JM3	CAP,P 2200PF-J-50V
C1555	ECQB1H103JM3	CAP,P .01UF-J-50V
C1556	ECSF1CE225VB	CAP,E 2.2UF-16V
C1557	ECQV1H224JL3	CAP,P .22UF-J-50V

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REF NO.	PART NO.	DESCRIPTION
C1558	ECQB1H104JM3	CAP,P .1UF-J-50V
C1559	ECQB1H333JM3	CAP,P .033UF-J-50V
C1560	ECA1HM100B	CAP,E 10UF/50V
C1561	ECA1HM010B	CAP,E 1UF-50V
C1562	ECQM4223KZW	CAP,P .022UF-K-400V
C1563	ECKW3D152KBR	CAP,C 1500PF-K-2KV
C1564	ECKR3A102KBP	CAP,C 1000PF-K-1KV
C1565	ECQB1H103JM3	CAP,P .01UF-J-50V
C1566	ECQB1H222JM3	CAP,P 2200PF-J-50V
C1567	ECQB1H103JM3	CAP,P .01UF-J-50V
C1568	ECA1HM010B	CAP,E 1UF-50V
C1569	ECQK1562JZ3	CAP,P .0056UF-J-100V
C1570	ECA1HM2R2B	CAP,E 2.2UF-50V
C1571	ECKR2H471KB5	CAP,C 470PF-K-500W
C1572	ECKW3A472KBP	CAP,C 4700PF-K-1KV
C1573	ECQB1H822JM3	CAP,P 8200PF-J-50V
C1574	ECQB1H333JM3	CAP,P .033UF-J-50V
C1575	ECA1CM471B	CAP,E 470UF-16V
C1576	ECA1HM2R2B	CAP,E 2.2UF-50V
C1577	ECKR2H471KB5	CAP,C 470PF-K-500W
C1578	ECQM4223KZW	CAP,P .022UF-K-400V
C1579	ECA1HM100B	CAP,E 10UF/50V
C1580	ECKW3A222KBP	CAP,C 2200PF-K-1KV
C1801	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1802	ECQV1H154JL3	CAP,P.15UF-J-50V
C1803	ECA1HMR22B	CAP,E .22UF-50V
C1804	ECA1HMR22B	CAP,E .22UF-50V
C1805	ECJ2VF1H333Z	CAP,C .033UF-Z-50V
C1806	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1807	ECA1AM470B	CAP,E 47UF-10V
C1808	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1809	ECA1AM470B	CAP,E 47UF-10V
C1810	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C1811	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1812	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1813	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1815	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C1816	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1817	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1818	ECA1CM100B	CAP,E 10UF-16V
C1819	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1820	ECA1AM470B	CAP,E 47UF-10V
C1821	TCJ2VC1H150J	CAP,C 15PF-J-50V
C1822	TCJ2VC1H120J	CAP,C 12PF-J-50V
C1823	TCJ2VC1H680J	CAP,C 68PF-J-50V
C1826	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1827	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1828	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C1829	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C1830	TCJ2VC1H151J	CAP,C 150PF-J-50V
C1831	ECJ2VF1H104Z	CAP,C .1UF-Z-50V

REF NO.	PART NO.	DESCRIPTION
C1832	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C1833	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C1835	ECA1CM100B	CAP,E 10UF-16V
C1836	TCJ2VC1H470J	CAP,C 47PF-J-50V
C1837	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C1841	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C2202	ECA1HM2R2B	CAP,E 2.2UF-50V
C2203	ECA1HM4R7B	CAP,E 4.7UF-50V
C2204	AP106K016CAE	CAP,T 10UF/16V
C2205	ECA1HM010B	CAP,E 1UF-50V
C2206	ECQB1H223JM3	CAP,P .022UF-J-50V
C2207	AP335K016CAE	CAP,T 3.3UF/16V
C2208	TCJ2VB1C104K	CAP,C .1UF-K-16V
C2209	TCJ2VB1C104K	CAP,C .1UF-K-16V
C2210	TCJ2VB1C104K	CAP,C .1UF-K-16V
C2211	ECA1CM100B	CAP,E 10UF-16V
C2212	ECQB1H473JM3	CAP,P .047UF-J-50V
C2215	ECA0JM101B	CAP,E 100UF-6.3V
C2218	ECA1HMR47B	CAP,E .47UF-50V
C2219	TCJ2VC1H100D	CAP,C 10PF-D-50V
C2302	ECA1HM010B	CAP,E 1UF-50V
C2303	TCJ2VB1H332K	CAP,C .0033UF-K-50V
C2304	TCJ2VB1H332K	CAP,C .0033UF-K-50V
C2305	ECA1HM010B	CAP,E 1UF-50V
C2307	ECA1EM102E	CAP,E 1000UF-25V
C2308	ECA1HM101B	CAP,E 100UF-50V
C2311	ECA1HM010B	CAP,E 1UF-50V
C2312	ECA1EM102E	CAP,E 1000UF-25V
C2313	ECA1VM472E	CAP,E 4700UF-35V
C2314	ECA1EM221B	CAP,E 220UF-25V
C2331	ECA1HM010B	CAP,E 1UF-50V
C2332	ECA1HM010B	CAP,E 1UF-50V
C2333	ECA1EM100B	CAP,E 10UF-25V
C2334	ECA1EM100B	CAP,E 10UF-25V
C2335	ECA1HM010B	CAP,E 1UF-50V
C2336	ECA1HM010B	CAP,E 1UF-50V
C2337	ECA1CM470B	CAP,E 47UF/16V
C2431	TCJ2VF1C105Z	CAP,C 1.0UF-Z-16V
C2432	TCJ2VF1C105Z	CAP,C 1.0UF-Z-16V
C2433	TCJ2VC1H222J	CAP,C .0022UF-J-50V
C2437	TCJ2VB1H333K	CAP,C .033UF-K-50V
C2438	TCJ2VB1H102K	CAP,C .001UF-K-50V
C2444	TCJ2VB1C104K	CAP,C .1UF-K-16V
C2445	TCJ2VB1C104K	CAP,C .1UF-K-16V
C2449	TCJ2VB1H333K	CAP,C .033UF-K-50V
C2450	TCJ2VB1H102K	CAP,C .001UF-K-50V
C2451	ECEA1CN100UB	CAP,E 10UF-16V
C2459	TCJ2VB1H333K	CAP,C .033UF-K-50V
C2460	TCJ2VB1H333K	CAP,C .033UF-K-50V
C2461	ECA1HM4R7B	CAP,E 4.7UF-50V
C2462	ECA1HM4R7B	CAP,E 4.7UF-50V

# REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
C2463	ECEA1CN100UB	CAP,E 10UF-16V
C2464	TCJ2VB1H333K	CAP,C .033UF-K-50V
C2465	TCJ2VB1H333K	CAP,C .033UF-K-50V
C2468	ECA1CM101B	CAP,E 100UF/16V
C2473	ECA1HM4R7B	CAP,E 4.7UF-50V
C2474	ECA1CM101B	CAP,E 100UF/16V
C2475	ECA1HM4R7B	CAP,E 4.7UF-50V
C3001	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C3002	ECA1AM101B	CAP,E 100UF-10V
C3003	ECA1CM100B	CAP,E 10UF-16V
C3004	ECA1HM010B	CAP,E 1UF-50V
C3006	ECA1HM010B	CAP,E 1UF-50V
C3007	ECA1CM100B	CAP,E 10UF-16V
C3008	ECA1CM100B	CAP,E 10UF-16V
C3009	ECA1HM010B	CAP,E 1UF-50V
C3010	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C3011	ECA1HM010B	CAP,E 1UF-50V
C3012	ECA1CM100B	CAP,E 10UF-16V
C3013	ECA1CM100B	CAP,E 10UF-16V
C3014	ECA1HM010B	CAP,E 1UF-50V
C3015	ECA1HM010B	CAP,E 1UF-50V
C3016	ECA1HM010B	CAP,E 1UF-50V
C3018	ECA1CM100B	CAP,E 10UF-16V
C3019	ECA1CM100B	CAP,E 10UF-16V
C3020	ECA1HM010B	CAP,E 1UF-50V
C3021	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C3022	ECA1HM010B	CAP,E 1UF-50V
C3023	ECA1CM100B	CAP,E 10UF-16V
C3024	ECA1CM100B	CAP,E 10UF-16V
C3025	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C3054	ECA1CM471B	CAP,E 470UF-16V
C3154	ECA1HM010B	CAP,E 1UF-50V
C3155	ECA1HM010B	CAP,E 1UF-50V
C3807	ECA1CM221B	CAP,E 220UF-16V
C3808	ECQV1H224JL3	CAP,P .22UF-J-50V
C3809	ECQM4104KZB	CAP,P .10UF-K-400V
C3811	ECA2EM100B	CAP,E 10UF/250V
C3814	ECKC3D332KBN	CAP,C 3300PF-K-2KV
C4301	ECKR1H103ZF5	CAP,C .01UF-Z-50V
C4302	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C4304	ECA1CM100B	CAP,E 10UF-16V
C4310	TCJ2VC1H390J	CAP,C 39PF-J-50V
C4313	TCJ2VC1H561J	CAP,C 560PF-J-50V
C4314	ECA1HMR47B	CAP,E .47UF-50V
C4315	TCJ2VB1H152K	CAP,C .0015UF-K-50V
C4316	ECA0JM331B	CAP,E 330UF-6.3V
C4317	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C4318	ECA0JM101B	CAP,E 100UF-6.3V
C4319	TCJ2VC1H391J	CAP,C 390PF-J-50V
C4320	TCJ2VB1H681K	CAP,C 680PF-K-50V

REF NO.	PART NO.	DESCRIPTION
C4322	ECA1CM100B	CAP,E 10UF-16V
C4323	ECA0JM101B	CAP,E 100UF-6.3V
C4324	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C4325	ECA1CM100B	CAP,E 10UF-16V
C5001	ECA1HM4R7B	CAP,E 4.7UF-50V
C5002	ECA1HM4R7B	CAP,E 4.7UF-50V
C5003	ECQV1H334JL3	CAP,P .33UF-J-50V
C5004	ECQV1H334JL3	CAP,P .33UF-J-50V
C5005	ECA1VM470B	CAP,E 47UF/35V
C5016	ECA1HM100B	CAP,E 10UF/50V
C6501	ECA0JM101B	CAP,E 100UF-6.3V
C6502	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6503	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C6504	ECA1CM470B	CAP,E 47UF/16V
C6505	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6506	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6507	ECEA1HNR47UB	CAP,E .47UF-50V
C6508	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6509	ECA1CM470B	CAP,E 47UF/16V
C6510	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C6511	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C6512	ECA1CM470B	CAP,E 47UF/16V
C6513	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6514	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6515	ECJ2VF1H104Z	CAP,C .1UF-Z-50V
C6516	ECA1CM470B	CAP,E 47UF/16V
C6517	TCJ2VC1H181J	CAP,C 180PF-J-50V
C6518	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6519	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6520	ECA1CM470B	CAP,E 47UF/16V
C6521	TCJ2VC1H220J	CAP,C 22PF-J-50V
C6522	TCJ2VC1H180J	CAP,C 18PF-J-50V
C6523	TCJ2VC1H120J	CAP,C 12PF-J-50V
C6525	TCJ2VC1H120J	CAP,C 12PF-J-50V
C6526	TCJ2VC1H270J	CAP,C 27PF-J-50V
C6532	TCJ2VF1H103Z	CAP,C .01UF-Z-50V
C6570	TCJ2VC1H050D	CAP,C 5PF-D-50V
C6571	TCJ2VC1H560J	CAP,C 56PF-J-50V
<b>DIODES</b>		
D003	MA4056MTA	DIODE
D006	MA4300HTA	DIODE
D007	MA4030HTA	DIODE
D014	MA165TA5VT	DIODE, SWITCHING
D015	MA700ATA	DIODE
D051	MA4062MTA	DIODE, ZENER
D240	MA165TA5VT	DIODE, SWITCHING
D451	ERA15-02V3	DIODE
D455	MA165TA5VT	DIODE, SWITCHING
D504	MA4300LTA	DIODE
D509	MA165TA5VT	DIODE, SWITCHING

# REPLACEMENT PARTS LIST

Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.

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REF NO.	PART NO.	DESCRIPTION
D510	MA4082MTA	DIODE
D511	D1NL40V70	DIODE
<b>D512</b>	<b>D1NL40V70</b>	<b>DIODE</b>
D551	ERD07-15E	DIODE
D552	RU3NLFA1	DIODE
<b>D553</b>	<b>MA4062LTVTA</b>	<b>DIODE, ZENER</b>
D555	MA165TA5VT	DIODE, SWITCHING
D556	MA165TA5VT	DIODE, SWITCHING
D561	MA165TA5VT	DIODE, SWITCHING
D562	MA165TA5VT	DIODE, SWITCHING
D563	MA4062MTA	DIODE, ZENER
D753	AU01ZV0	DIODE
<b>D801</b>	<b>RM10BLFA1</b>	<b>DIODE</b>
<b>D802</b>	<b>RM10BLFA1</b>	<b>DIODE</b>
<b>D803</b>	<b>RM10BLFA1</b>	<b>DIODE</b>
<b>D804</b>	<b>RM10BLFA1</b>	<b>DIODE</b>
D805	MA700ATA	DIODE
D806	AU01ZV0	DIODE
<b>D808</b>	<b>D4DDF1R50001</b>	<b>DIODE</b>
D814	MA178TA5	DIODE
D815	MA165TA5VT	DIODE, SWITCHING
D816	MA165TA5VT	DIODE, SWITCHING
D818	MA4200MTA	DIODE
D820	ERA15-01V3	DIODE, RECTIFIER
D821	ERA15-01V3	DIODE, RECTIFIER
D822	ERA15-01V3	DIODE, RECTIFIER
D823	ERA15-01V3	DIODE, RECTIFIER
<b>D824</b>	<b>TMPG10G3</b>	<b>DIODE</b>
<b>D825</b>	<b>RU30ALFS1</b>	<b>DIODE, RECTIFIER</b>
D826	AU02ZV0	DIODE
D827	RU3YX-MV1	DIODE, RECTIFIER
D828	S2L20UP1518	DIODE
D829	S2L20UP1518	DIODE
D830	RU3YX-MV1	DIODE, RECTIFIER
D832	MA165TA5VT	DIODE, SWITCHING
D834	AU02ZV0	DIODE
D835	MA165TA5VT	DIODE, SWITCHING
D836	MA4180MTA	DIODE
D837	MA165TA5VT	DIODE, SWITCHING
D841	MA165TA5VT	DIODE, SWITCHING
D861	TVSA81004V3	DIODE
D862	TVSA81004V3	DIODE
D876	MA165TA5VT	DIODE, SWITCHING
D877	MA165TA5VT	DIODE, SWITCHING
D881	MA165TA5VT	DIODE, SWITCHING
D1001	LN81RPHCF3	DIODE
D1551	ERA22-06V3	DIODE
D1552	MA165TA5VT	DIODE, SWITCHING
D1553	RP1HLFA5	DIODE
D1557	MA165TA5VT	DIODE, SWITCHING

REF NO.	PART NO.	DESCRIPTION
D1558	MA165TA5VT	DIODE, SWITCHING
D2301	MA4360HTA	DIODE, ZENER
D2302	MA165TA5VT	DIODE, SWITCHING
D2303	MA165TA5VT	DIODE, SWITCHING
D2305	MA4110MTA	DIODE, ZENER
D2306	MA4110MTA	DIODE, ZENER
D2307	MA4110MTA	DIODE, ZENER
D2308	MA4110MTA	DIODE, ZENER
D2309	MA4110MTA	DIODE, ZENER
D2310	MA4110MTA	DIODE, ZENER
D2311	MA4110MTA	DIODE, ZENER
D2312	MA4110MTA	DIODE, ZENER
D3001	MA4110MTA	DIODE, ZENER
D3002	MA4110MTA	DIODE, ZENER
D3003	MA4110MTA	DIODE, ZENER
D3004	MA4110MTA	DIODE, ZENER
D3005	MA4110MTA	DIODE, ZENER
D3006	MA4110MTA	DIODE, ZENER
D3007	MA4110MTA	DIODE, ZENER
D3008	MA4110MTA	DIODE, ZENER
D3009	MA4110MTA	DIODE, ZENER
D3010	MA4110MTA	DIODE, ZENER
D3011	MA4110MTA	DIODE, ZENER
D3012	MA4110MTA	DIODE, ZENER
D3051	MA4110MTA	DIODE, ZENER
D3151	MA4140MTA	DIODE
D3152	MA4140MTA	DIODE
D3153	MA4140MTA	DIODE
D3154	MA4140MTA	DIODE
D3155	MA4140MTA	DIODE
D3156	MA4140MTA	DIODE
D3157	MA4062MTA	DIODE, ZENER
D3158	MA4075MTA	DIODE
D3801	MA165TA5VT	DIODE, SWITCHING
D3802	MA165TA5VT	DIODE, SWITCHING
D3803	MA165TA5VT	DIODE, SWITCHING
D3804	MA165TA5VT	DIODE, SWITCHING
D3812	MA4150MTA	DIODE
D3814	ERA22-04V1	DIODE, RECEIVER
D3815	ERA22-04V1	DIODE, RECEIVER
D3816	ERA22-04V1	DIODE, RECEIVER
D4301	MA3036HTX	DIODE
<b>FUSES</b>		
<b>F801</b>	<b>XBA2A00101</b>	<b>FUSE 6.3A 125V</b>
<b>INTEGRATED CIRCUITS</b>		
<b>IC001</b>	<b>MN101C46FTF1</b>	<b>MPU</b>
IC002	TVR2AJ099	EEPROM
IC005	PQ1R33	STANDBY
IC006	PST9128NR	RST
<b>IC101</b>	<b>TA1310BN</b>	<b>V/C/J</b>

# REPLACEMENT PARTS LIST

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REF NO.	PART NO.	DESCRIPTION
IC451	LA78045	V-OUT
IC511	AN6914S-E1	FORCUS SHORT PROTECTOR
IC750	NJM4565L	PCC
<b>IC801</b>	<b>AN8029</b>	<b>MAIN POWER</b>
<b>IC802</b>	<b>SE139NLF4</b>	<b>ERROR AMP</b>
<b>IC811</b>	<b>PC123FY2</b>	<b>OPTOCOUPLER</b>
IC881	AN7805LB	MAIN 5V
IC882	AN7809LB	MAIN 9V
IC883	PQ12RD1B	MAIN 12V
IC1551	AN5422K	FREE RUN ADJ.
IC1801	M65617SP	PIP
IC2201	AN5849S-E1V	MTS
IC2301	AN5277	AUDIO OUT
IC2331	NJM4565L	VAO
IC2451	BH3868CFS-E2	SURROUND
IC3001	M52790SP	A/V SWITCH
IC3801	TDA6103Q-N3	RGB DRIVER
IC4301	MM1502XNRE	TNR2 SW
IC5001	PUB4301	RASTER ROTATION
IC5002	AN6564	OP-AMP
IC6501	TC90A49P	COMB FILTER
RM001	PNA4601M04TV	IR-REMOTE SENSOR
<b>COILS</b>		
J43	EXCELD35V	FERRITE BEAD CT-32SX31E/CE/UE, CT-36SX31E
J217	EXCELSA26T	FERRITE BEAD
LC001	EXCEMT471BTS	EMI FILTER
LC002	EXCEMT471BTS	EMI FILTER
L001	EXCELSA35T	FERRITE BEAD
L002	ELESN180JA	COIL, PEAKING 18UH
L005	ELESN330JA	COIL, PEAKING 33UH
L006	EXCELSA24T	FERRITE BEAD
L007	EXCELSA26T	FERRITE BEAD
L008	EXCELSA39V	FERRITE BEAD
L009	EXCELSA26T	FERRITE BEAD
L012	TLTABT2R2K	COIL, PEAKING 2.2UH
L013	TLTABT2R2K	COIL, PEAKING 2.2UH
L015	TLTABT2R2K	COIL, PEAKING 2.2UH
L016	TLTABT2R2K	COIL, PEAKING 2.2UH
L017	ELESN330JA	COIL, PEAKING 33UH
L019	EXCELSA26T	FERRITE BEAD CT-36SX31CE/UE
L020	EXCELSA26T	FERRITE BEAD CT-36SX31CE/UE
L106	EXCELSA39V	FERRITE BEAD
L301	TLTABT470K	COIL, PEAKING 47UH
L302	ELESN120JA	COIL, PEAKING 12UH
L319	TLTABT101K	COIL, PEAKING
L519	ELESN101JA	COIL, PEAKING 100UH
<b>L551</b>	<b>TYPL05511HN</b>	<b>COIL CT-32SX31E/CE/UE</b>
<b>L551</b>	<b>ELH5L7714</b>	<b>COIL CT-36SX31E/CE/UE</b>
<b>L553</b>	<b>ELHKL8077B</b>	<b>COIL</b>
L555	EXCELSA35T	FERRITE BEAD

REF NO.	PART NO.	DESCRIPTION
L556	ELC18B801E	COIL
L559	TLUADNB682K	COIL
L601	TLTABT560K	COIL
L706	EXCELSA26T	FERRITE BEAD
L751	ELC18B801E	COIL
L752	TALFP15B103K	LINE FILTER
<b>L801</b>	<b>ELF24V037A</b>	<b>LINE FILTER</b>
<b>L802</b>	<b>ELF24V037A</b>	<b>LINE FILTER</b>
L807	TSKA064-1	FERRITE BEAD
L812	EXCELSA26B	FERRITE BEAD
L814	TALL08T101KA	LINE FILTER
L815	EXCELSA39E	FERRITE BEAD
L816	EXCELSA39E	FERRITE BEAD
L817	EXCELD35V	FERRITE BEAD
L818	EXCELD35V	FERRITE BEAD
L819	EXCELSA24T	FERRITE BEAD
L820	EXCELSA24T	FERRITE BEAD
L821	EXCELD35V	FERRITE BEAD
L824	EXCELD35V	FERRITE BEAD
L825	TLUADTB121K	COIL
L826	TLUADTB820K	COIL
L827	TALL08T470KA	LINE FILTER
L850	ELESN101JA	COIL, PEAKING 100UH
L851	TLUADTB121K	COIL
L951	EXCELSA24T	FERRITE BEAD
L953	EXCELSA24T	FERRITE BEAD
L954	EXCELSA24T	FERRITE BEAD
L955	EXCELSA24T	FERRITE BEAD
L1551	TALL13T682JB	LINE FILTER
L1801	ELESN1R5KA	COIL, PEAKING 1.5UH
L1803	ELESN2R2KA	COIL, PEAKING 2.2UH
L1804	ELESN150JA	COIL, PEAKING 15UH
L1807	ELESN1R0JA	COIL, PEAKING 1.0UH
L1808	EXCELD35V	FERRITE BEAD
L3001	EXCELSA35T	FERRITE BEAD
L3805	EXCELSA24T	FERRITE BEAD
L4301	ELESN3R9KA	COIL, PEAKING 3.9UH
L5001	EXCELSA35T	FERRITE BEAD
L5002	EXCELD35V	FERRITE BEAD
L6502	ELESN150JA	COIL, PEAKING 15UH
L6503	ELESN330JA	COIL, PEAKING 33UH
L6504	ELESN100JA	COIL, PEAKING 10UH
L6507	ELESN150JA	COIL, PEAKING 15UH
<b>TRANSISTORS</b>		
Q002	2SC1685QRSTA	TRANSISTOR
Q009	2SD601ARTX	TRANSISTOR
Q014	2SD601ARTX	TRANSISTOR
Q201	2SD601ARTX	TRANSISTOR
Q302	2SB709ARTX	TRANSISTOR
Q303	2SD601ARTX	TRANSISTOR

# REPLACEMENT PARTS LIST

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REF NO.	PART NO.	DESCRIPTION
Q402	2SD601ARTX	TRANSISTOR
Q480	2SA1309ATA	TRANSISTOR
Q501	2SC3941RTA	TRANSISTOR
Q515	2SD601ARTX	TRANSISTOR
Q551	2SC5517000LK	TRANSISTOR
Q552	2SC1685QRSTA	TRANSISTOR
Q553	2SC1685QRSTA	TRANSISTOR
Q563	2SC3941RTA	TRANSISTOR
Q603	2SD601ARTX	TRANSISTOR
Q611	2SB709ARTX	TRANSISTOR
Q701	2SD601ARTX	TRANSISTOR
Q702	2SA1309ATA	TRANSISTOR
Q751	2SK2146LB	TRANSISTOR
Q754	2SC1685QRSTA	TRANSISTOR
Q801	2SK2917LB	TRANSISTOR
Q802	2SC1685QRSTA	TRANSISTOR
Q803	2SC1685QRSTA	TRANSISTOR
Q804	2SA564AQRSTA	TRANSISTOR
Q854	2SA19610QAHW	TRANSISTOR
Q881	2SC1685QRSTA	TRANSISTOR
Q882	2SB709ARTX	TRANSISTOR
Q883	2SB709ARTX	TRANSISTOR
Q901	2SD601ARTX	TRANSISTOR
Q951	2SC1685QRSTA	TRANSISTOR
Q952	2SC1685QRSTA	TRANSISTOR
Q953	2SC1741ASTP	TRANSISTOR
Q954	2SB1030ATA	TRANSISTOR
Q955	2SB1569AF51E	TRANSISTOR
Q956	2SD2400AF51E	TRANSISTOR
Q957	2SA564AQRSTA	TRANSISTOR
Q958	2SC1685QRSTA	TRANSISTOR
Q961	2SC1685QRSTA	TRANSISTOR
Q962	2SC1685QRSTA	TRANSISTOR
Q1051	2SC1685QRSTA	TRANSISTOR
Q1551	2SC3425RLMAT	TRANSISTOR
Q1552	2SC1685QRSTA	TRANSISTOR
Q1553	2SC1685QRSTA	TRANSISTOR
Q1554	2SC1685QRSTA	TRANSISTOR
Q1555	2SC5460LB	TRANSISTOR
Q1801	2SD601ARTX	TRANSISTOR
Q1802	2SD601ARTX	TRANSISTOR
Q1803	2SD601ARTX	TRANSISTOR
Q1804	2SB709ARTX	TRANSISTOR
Q1805	2SB709ARTX	TRANSISTOR
Q2302	2SD601ARTX	TRANSISTOR
Q2331	2SD601ARTX	TRANSISTOR
Q2332	2SB709ARTX	TRANSISTOR
Q2333	2SD601ARTX	TRANSISTOR
Q2334	2SD601ARTX	TRANSISTOR
Q2335	2SB709ARTX	TRANSISTOR

REF NO.	PART NO.	DESCRIPTION
Q2336	2SD601ARTX	TRANSISTOR
Q3050	2SD601ARTX	TRANSISTOR
Q3802	2SA564AQRSTA	TRANSISTOR
Q4309	2SB709ARTX	TRANSISTOR
Q4310	2SD601ARTX	TRANSISTOR
Q4311	2SB709ARTX	TRANSISTOR
Q4312	2SD601ARTX	TRANSISTOR
Q4313	2SD601ARTX	TRANSISTOR
Q4315	2SC3940AQRSTA	TRANSISTOR
Q6501	2SD601ARTX	TRANSISTOR
Q6502	2SB709ARTX	TRANSISTOR
Q6510	2SB709ARTX	TRANSISTOR
Q6511	2SD601ARTX	TRANSISTOR
Q6512	2SD601ARTX	TRANSISTOR
Q6519	2SD601ARTX	TRANSISTOR
<b>RELAYS</b>		
<b>RL801</b>	<b>TSEH8007</b>	<b>RELAY</b>
<b>RL802</b>	<b>TSE10814</b>	<b>RELAY</b>
<b>RESISTORS</b>		
R002	ERJ6GEYJ182V	RES,M 1.8K-J-1/10W
R003	ERJ6GEYJ562V	RES,M 5.6K-J-1/10W
R004	ERDS1TJ122T	RES,C 1.2K-J-1/2W
R005	ERDS2TJ101T	RES,C 100-J-1/4W
R006	ERJ6ENF1372V	RES,M 13.7K-F-1/10W
R007	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R008	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R009	ERJ6GEYJ221V	RES,M 220-J-1/10W
R010	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R011	ERJ6GEYJ562V	RES,M 5.6K-J-1/10W
R013	ERJ6ENF1002V	RES,M 10K-F-1/10W
R014	ERJ6GEYJ392V	RES,M 3.9K-J-1/10W
R015	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R016	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R017	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R020	ERJ6GEYJ682V	RES,M 6.8K-J-1/10W
R021	ERJ6GEYJ101V	RES,M 100-J-1/10W
R022	ERJ6GEYJ101V	RES,M 100-J-1/10W
R023	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R024	ERJ6ENF2322V	RES,M 23.2K-F-1/10W
R025	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R026	ERJ6GEYJ183V	RES,M 18K-J-1/10W
R027	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R028	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R029	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R030	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R033	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R034	ERJ6GEYJ563V	RES,M 56K-J-1/10W
R040	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R041	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R042	ERJ6GEYJ102V	RES,M 1K-J-1/10W

# REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
R043	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R044	ERJ6GEYJ273V	RES,M 27K-J-1/10W
R046	ERJ6GEYJ333V	RES,M 33K-J-1/10W
R048	ERJ6GEYJ333V	RES,M 33K-J-1/10W
R049	ERJ6GEYJ101V	RES,M 100-J-1/10W
R051	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R058	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R060	ERJ6GEYJ471V	RES,M 470-J-1/10W
R061	ERJ6GEYJ471V	RES,M 470-J-1/10W
R066	ERJ6GEYJ752V	RES,M 7.5K-J-1/10W
R067	ERJ6GEYJ752V	RES,M 7.5K-J-1/10W
R068	ERJ6GEYJ752V	RES,M 7.5K-J-1/10W
R072	ERJ6GEYJ562V	RES,M 5.6K-J-1/10W
R073	ERJ6GEYJ562V	RES,M 5.6K-J-1/10W
R074	ERJ6GEYJ562V	RES,M 5.6K-J-1/10W
R075	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R076	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R077	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R078	ERJ6GEYJ101V	RES,M 100-J-1/10W
R079	ERJ6GEYJ101V	RES,M 100-J-1/10W
R081	ERJ6GEYJ220V	RES,M 22-J-1/10W
R082	ERJ6GEYJ562V	RES,M 5.6K-J-1/10W
R086	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R087	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R088	ERDS2TJ103T	RES,C 10K-J-1/4W
R122	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R201	ERJ6GEYJ331V	RES,M 330-J-1/10W
R223	ERJ6GEYJ561V	RES,M 560-J-1/10W
R225	ERDS2TJ331T	RES,C 330-J-1/4W
R226	ERDS2TJ331T	RES,C 330-J-1/4W
R245	ERJ6GEYJ224V	RES,M 220K-J-1/10W
R246	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R301	ERJ6GEYJ101V	RES,M 100-J-1/10W
R302	ERJ6GEYJ101V	RES,M 100-J-1/10W
R303	ERJ6GEYJ101V	RES,M 100-J-1/10W
R305	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R306	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R309	ERJ6GEYJ332V	RES,M 3.3K-J-1/10W
R310	ERJ6GEYJ332V	RES,M 3.3K-J-1/10W
R328	ERDS2TJ105T	RES,C 1M-J-1/4W
R329	ERJ6GEYJ304V	RES,M 300K-J-1/10W
R341	ERJ6GEYJ474V	RES,M 470K-J-1/10W
R401	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R402	ERJ6GEYJ471V	RES,M 470-J-1/10W
R403	ERJ6GEYJ622V	RES,M 6.2K-J-1/10W
R404	ERJ6GEYJ101V	RES,M 100-J-1/10W
R405	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R409	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R410	ERJ6ENF2492V	RES,M 24.9K-F-1/10W
R412	ERJ6ENF1103V	RES,M 110K-F-1/10W

REF NO.	PART NO.	DESCRIPTION
R451	ERG2FJ221H	RES,M 220-J-2W
R452	ERDS1FJ6R8T	RES,C 6.8-J-1/2W
R453	ER0S2TKF1202	RES,M 12K-F-1/4W
R454	ERDS2TJ182T	RES,C 1.8K-J-1/4W
R455	ERDS2TJ512T	RES,C 5.1K-J-1/4W
R456	ERDS2TJ182T	RES,C 1.8K-J-1/4W
R457	ERDS2TJ112T	RES,C 1.1K-J-1/4W
R459	ERX1SJ1R2P	RES,M 1.2-J-1W
R460	ER0S2TKF1002	RES,M 10K-F-1/4
R461	ER0S2TKF1601	RES,M 1.6K-F-1/4
R465	ERJ6GEYJ104V	RES,M 100K-J-1/10W
R468	ERJ6GEYJ104V	RES,M 100K-J-1/10W
R472	ERJ6GEYJ123V	RES,M 12K-J-1/10W
R476	ERJ6GEYJ272V	RES,M 2.7K-J-1/10W
R480	ERDS2TJ392T	RES,C 3.9K-J-1/4W
R481	ERDS1FJ1R0T	RES,C 1.0-J-1/2W
R482	ERDS1FJ1R0T	RES,C 1.0-J-1/2W
R485	ERJ6GEYJ152V	RES,M 1.5K-J-1/10W
R486	ERJ6GEYJ473V	RES,M 47K-J-1/10W
R487	ERJ6GEYJ822V	RES,M 8.2K-J-1/10W
R489	ER0S2TKF1202	RES,M 12K-F-1/4W
R490	ER0S2TKF5101	RES,M 5.1K-F-1/4W
R491	ER0S2TKF1052	RES,M 10.5K-F-1/4W
R501	ERDS2TJ561T	RES,C 560-J-1/4W
R502	ERDS2TJ561T	RES,C 560-J-1/4W
R503	ERG3FJ332H	RES,M 2.3K-J-3W
R504	ERJ6GEYJ333V	RES,M 33K-J-1/10W
R505	ERDS1TJ561T	RES,C 560-J-1/2W
R510	ERG2FJ122H	RES,M 12K-J-2W
R512	ERG3FJ222H	RES,M 2200-J-3W
R513	ERG3FJ222H	RES,M 2200-J-3W
R514	ER0S2TKF3302	RES,M 33K-F-1/4W
R515	ER0S2TKF3742	RES,M 37.4K-F-1/4W
R516	ERDS2TJ101T	RES,C 100-J-1/4W
R517	ERG1SJ103P	RES,M 10K-J-1W
<b>R518</b>	<b>ERDS1FJ1R5T</b>	<b>RES,C 1.5-J-1/2W</b>
<b>R519</b>	<b>ERQ1CKPR22S</b>	<b>RES,F .22-K-1W</b>
<b>R520</b>	<b>ERQ14AJ2R2E</b>	<b>RES,F 2.2-J-1/4W</b>
<b>R521</b>	<b>ER0S2TKF8201</b>	<b>RES,M 8.2K-F-1/4W</b>
<b>R522</b>	<b>ER0S2TKF3001</b>	<b>RES,M 3K-F-1/4W</b>
R527	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R528	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R529	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R542	ERJ6GEYJ272V	RES,M 2.7K-J-1/10W
R555	ERDS2TJ472T	RES,C 4.7K-J-1/4
R556	ERDS2TJ103T	RES,C 10K-J-1/4W
R557	ERDS2TJ103T	RES,C 10K-J-1/4W
R558	ERDS2TJ472T	RES,C 4.7K-J-1/4
R559	ERDS2TJ102T	RES,C 1K-J-1/4W
R561	ERDS2TJ222T	RES,C 2.2K-J-1/4W



# REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
R562	ERDS2TJ473T	RES,C 47K-J-1/4W
R576	ERQ12AJ101P	RES,F 100-J-1/2W
R590	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R591	ERJ6GEYJ332V	RES,M 3.3K-J-1/10W
R592	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R596	ERDS2TJ102T	RES,C 1K-J-1/4W
R601	ERJ6GEYJ391V	RES,M 390-J-1/10W
R606	ERJ6GEYJ222V	RES,M 2.2K-J-1/10W
R613	ERJ6GEYJ471V	RES,M 470-J-1/10W
R614	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R618	ERJ6GEYJ474V	RES,M 470K-J-1/10W
R619	ERJ6GEYJ563V	RES,M 56K-J-1/10W
R620	ERJ6GEYJ153V	RES,M 15K-J-1/10W
R701	ERJ6GEYJ122V	RES,M 1.2K-J-1/10W
R702	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R704	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R705	ERDS2TJ472T	RES,C 4.7K-J-1/4
R706	ERDS2TJ394T	RES,C 390K-J-1/4W
R707	ERDS2TJ393T	RES,C 39K-J-1/4W
R708	ERDS2TJ101T	RES,C 100-J-1/4W
R709	ERDS2TJ103T	RES,C 10K-J-1/4W
R710	ERDS2TJ103T	RES,C 10K-J-1/4W
R711	ERDS2TJ183T	RES,C 18K-J-1/4W
R712	ERDS2TJ472T	RES,C 4.7K-J-1/4
R713	ERDS2TJ822T	RES,C 8.2K-J-1/4W
R714	ERDS1FJ102T	RES,C 1K-J-1/2W
R716	ERDS2TJ101T	RES,C 100-J-1/4W
R717	ERDS2TJ101T	RES,C 100-J-1/4W
R719	ERDS2TJ331T	RES,C 330-J-1/4W
R720	ERDS2TJ103T	RES,C 10K-J-1/4W
R752	ERDS2TJ103T	RES,C 10K-J-1/4W
R753	ERDS1FJ102T	RES,C 1K-J-1/2W
R754	ERDS1TJ751T	RES,C 750-J-1/2W
R756	ERG2FJ820H	RES,M 82-J-2W
<b>R801</b>	<b>ERF7ZK1R0</b>	<b>RES,W 1.0-K-7W</b>
R802	ERC14GK824D	RES,C 820K-K-1/4W
R807	ERDS2TJ820T	RES,C 82-J-1/4W
R808	ERDS2TJ680T	RES,C 68-J-1/4W
R809	ERDS2TJ472T	RES,C 4.7K-J-1/4
R810	ERDS2TJ473T	RES,C 47K-J-1/4W
R811	ERDS2TJ472T	RES,C 4.7K-J-1/4
R812	ERDS2TJ473T	RES,C 47K-J-1/4W
R813	ERDS1FJ122T	RES,C 1.2K-J-1/2
R814	ERG3FJ103H	RES,M 10K-J-3W
R815	ERDS2TJ331T	RES,C 330-J-1/4W
R816	ERDS2TJ471T	RES,C 470-J-1/4W
R817	ER0S2TKF1371	RES,M 1370-F-1/4W
R818	ERDS2TJ220T	RES,C 22-J-1/4W
R819	ERDS1FJ390T	RES,C 39-J-1/2W
R820	ERDS1FJ120T	RES, C 12-J-1/2W

REF NO.	PART NO.	DESCRIPTION
R821	ERX12SJ1R0P	RES,M 1.0-J-1/2W
R822	ERX12SJ1R0P	RES,M 1.0-J-1/2W
R823	ERDS2TJ102T	RES,C 1K-J-1/4W
R824	ERDS2TJ153T	RES,C 15K-J-1/4W
R825	ERDS2TJ104T	RES,C 100K-J-1/4W
R826	ERDS2TJ103T	RES,C 10K-J-1/4W
R828	ERDS2TJ103T	RES,C 10K-J-1/4W
R829	ERDS2TJ103T	RES,C 10K-J-1/4W
R830	ERDS2TJ103T	RES,C 10K-J-1/4W
<b>R832</b>	<b>ERD75TAJ825</b>	<b>RES,C 8.2MEG-J-3/4W</b>
R835	ERDS2TJ101T	RES,C 100-J-1/4W
R836	ERG1SJ273P	RES,M 27K-J-1W
R837	ERDS2TJ222T	RES,C 2.2K-J-1/4W
R839	ERDS2TJ222T	RES,C 2.2K-J-1/4W
R840	ERDS2TJ470T	RES,C 47-J-1/4W
R846	ERDS2TJ272T	RES,C 2.7K-J-1/4W
R847	ERDS2TJ223T	RES,C 22K-J-1/4W
R850	ERX3FJ2R7	RES,M 2.7-J-3W
R852	ERDS1FJ391T	RES,C 390-J-1/2W
R855	ERDS2TJ913T	RES,C 91K-J-1/4W
R856	ERDS2TJ123T	RES,C 12K-J-1/4W
R857	ERDS1FJ1R0T	RES,C 1.0-J-1/2W
R858	ERDS1FJ1R0T	RES,C 1.0-J-1/2W
R859	ERDS2TJ103T	RES,C 10K-J-1/4W
R860	ERDS1FJ102T	RES,C 1K-J-1/2W
<b>R861</b>	<b>ERX12SJR22P</b>	<b>RES,M .22-J-1/2W</b>
<b>R862</b>	<b>ERX12SJR22P</b>	<b>RES,M .22-J-1/2W</b>
<b>R863</b>	<b>ERX12SJR22P</b>	<b>RES,M .22-J-1/2W</b>
R881	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R882	ERJ6GEYJ271V	RES,M 270-J-1/10W
R883	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R884	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R885	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R886	ERDS2TJ181T	RES,C 180-J-1/4W
R901	ERJ6GEYJ331V	RES,M 330-J-1/10W
R902	ERJ6GEYJ391V	RES,M 390-J-1/10W
R903	ERJ6GEYJ471V	RES,M 470-J-1/10W
R922	ERJ6GEYJ331V	RES,M 330-J-1/10W
R951	ERDS2TJ821T	RES,C 820-J-1/4W
R952	ERDS2TJ223T	RES,C 22K-J-1/4W
R953	ERDS2TJ332T	RES,C 3.3K-J-1/4W
R954	ERDS2TJ431T	RES,C 430-J-1/4W
R956	ERDS2TJ510T	RES,C 51-J-1/4W
R958	ERDS2TJ391T	RES,C 390-J-1/4W
R959	ERDS2TJ101T	RES,C 100-J-1/4W
R960	ERQ14AJ100P	RES,F 10-J-1/4W
R961	ERQ1CJP331S	RES,F 330-J-1W
R962	ERDS2TJ330T	RES,C 33-J-1/4W
R963	ERDS2TJ330T	RES,C 33-J-1/4W
R964	ERDS2TJ471T	RES,C 470-J-1/4W

# REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
R965	ERDS2TJ563T	RES,C 56K-J-1/4W
R966	ERDS1FJ471P	RES,C 470-J-1/2W
R967	ERDS2TJ563T	RES,C 56K-J-1/4W
R968	ERDS2TJ471T	RES,C 470-J-1/4W
R969	ERDS2TJ390T	RES,C 39-J-1/2W
R970	ERDS2TJ2R7T	RES,C 2.7-J-1/4W
R971	ERDS2TJ2R7T	RES,C 2.7-J-1/4W
R972	ERDS2TJ390T	RES,C 39-J-1/2W
R973	ERDS2TJ101T	RES,C 100-J-1/4W
R974	ERDS2TJ333T	RES,C 33K-J-1/4W
R975	ERDS2TJ101T	RES,C 100-J-1/4W
R976	ERDS2TJ101T	RES,C 100-J-1/4W
R977	ERDS2TJ561T	RES,C 560-J-1/4W
R978	ERDS2TJ101T	RES,C 100-J-1/4W
R987	ERDS2TJ472T	RES,C 4.7K-J-1/4
R988	ERDS2TJ331T	RES,C 330-J-1/4W
R989	ERDS2TJ682T	RES,C 6.8K-J-1/4W
R990	ERDS2TJ471T	RES,C 470-J-1/4W
R993	ERDS2TJ471T	RES,C 470-J-1/4W
R1051	ER0S2TKF1002	RES,M 10K-F-1/4
R1052	ER0S2TKF2611	RES,M 2.6K-F-1/4W
R1053	ER0S2TKF2321	RES,M 2.32K-F-1/4W
R1054	ER0S2TKF3481	RES,M 3.48K-F-1/4W
R1055	ER0S2TKF5231	RES,M 5.2K-F-1/4W
R1056	ER0S2TKF9761	RES,M 9.76-F-1/4W
R1057	ER0S2TKF2372	RES,M 23.7K-F-1/4W
R1058	ERDS2TJ103T	RES,C 10K-J-1/4W
R1059	ERDS2TJ102T	RES,C 1K-J-1/4W
R1062	ERDS2TJ182T	RES,C 1.8K-J-1/4W
R1063	ERDS2TJ470T	RES,C 47-J-1/4W
R1064	ERDS2TJ103T	RES,C 10K-J-1/4W
R1065	ERDS2TJ104T	RES,C 100K-J-1/4W
R1066	ERDS2TJ473T	RES,C 47K-J-1/4W
R1510	ERC12GK101D	RES,C 100-K-1/2W
R1511	ERDS2TJ913T	RES,C 91K-J-1/4W
R1512	ERDS2TJ913T	RES,C 91K-J-1/4W
R1513	ERDS2TJ753T	RES,C 75K-J-1/4W
R1550	ERDS2TJ221T	RES,C 220-J-1/4W
R1554	ERDS2TJ103T	RES,C 10K-J-1/4W
R1555	ERDS2TJ822T	RES,C 8.2K-J-1/4W
R1556	ER0S2TKF1802	RES,M 18K-F-1/4W
R1558	ERDS2TJ473T	RES,C 47K-J-1/4W
R1559	ERDS2TJ561T	RES,C 560-J-1/4W
R1560	ERDS2TJ472T	RES,C 4.7K-J-1/4
R1561	ERDS2TJ564T	RES,C 560K-J-1/4W
R1562	ERDS2TJ472T	RES,C 4.7K-J-1/4
R1563	ER0S2TKF9102	RES,M 91K-F-1/4W
R1564	ER0S2TKF6041	RES,M 6.04-F-1/4W
R1565	ERDS2TJ104T	RES,C 100K-J-1/4W
R1566	ERDS2TJ104T	RES,C 100K-J-1/4W

REF NO.	PART NO.	DESCRIPTION
R1567	ERDS2TJ104T	RES,C 100K-J-1/4W
R1568	ERDS2TJ104T	RES,C 100K-J-1/4W
R1570	ERC12GK104D	RES,C 100K-K-1/2W
R1571	ERQ2RJW821E	RES,F 820-J-2W
R1572	ERDS2TJ334T	RES,C 330K-J-1/4W
R1573	ERDS2TJ473T	RES,C 47K-J-1/4W
R1575	ERDS2TJ683T	RES,C 68K-J-1/4W
R1576	ERDS2TJ101T	RES,C 100-J-1/4W
R1577	EVMEGSA00B54	RESISTOR, VARIABLE
R1578	ERDS2TJ822T	RES,C 8.2K-J-1/4W
R1579	ERDS2TJ123T	RES,C 12K-J-1/4W
R1580	ERDS2TJ563T	RES,C 56K-J-1/4W
R1581	EVMEGSA00B53	RESISTOR, VARIABLE
R1582	ERDS2TJ752T	RES,C 7.5K-J-1/4W
R1583	ERDS2TJ223T	RES,C 22K-J-1/4W
R1584	ERDS2TJ222T	RES,C 2.2K-J-1/4W
R1585	ERDS2TJ102T	RES,C 1K-J-1/4W
R1586	ERDS1TJ681T	RES,C 680-J-1/2W
R1587	ERDS2TJ101T	RES,C 100-J-1/4W
R1588	ERG2FJ472H	RES,M 4.7K-J-2W
R1589	ERG3FJ821H	RES,M 820-J-3W
R1590	ERDS2TJ223T	RES,C 22K-J-1/4W
R1591	ERG3FJ821H	RES,M 820-J-3W
R1592	ERDS2TJ684T	RES,C 680K-J-1/4W
R1593	ERDS2TJ125T	RES,C 1.2M-J-1/4W
R1594	ERDS2TJ125T	RES,C 1.2M-J-1/4W
R1595	ERDS2TJ102T	RES,C 1K-J-1/4W
R1801	ERJ6GEYJ301V	RES,M 300-J-1/10W
R1802	ERJ6GEYJ104V	RES,M 100K-J-1/10W
R1803	ERJ6GEYJ474V	RES,M 470K-J-1/10W
R1804	ERJ6GEYJ202V	RES,M 2K-J-1/10W
R1805	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R1807	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R1808	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R1809	ERJ6GEYJ473V	RES,M 47K-J-1/10W
R1810	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R1811	ERJ6GEYJ682V	RES,M 6.8K-J-1/10W
R1812	ERJ6GEYJ153V	RES,M 15K-J-1/10W
R1813	ERJ6GEYJ153V	RES,M 15K-J-1/10W
R1814	ERJ6GEYJ271V	RES,M 270-J-1/10W
R1815	ERJ6GEYJ361V	RES,M 360-J-1/10W
R1822	ERJ6GEYJ682V	RES,M 6.8K-J-1/10W
R1823	ERJ6GEYJ473V	RES,M 47K-J-1/10W
R1825	ERJ6GEYJ471V	RES,M 470-J-1/10W
R1827	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R1828	ERJ6GEYJ471V	RES,M 470-J-1/10W
R1830	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R1856	ERJ6GEYJ153V	RES,M 15K-J-1/10W
R2203	ERJ6GEYJ751V	RES,M 750-J-1/10W
R2206	ERJ6GEYJ102V	RES,M 1K-J-1/10W

# REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
R2207	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2220	ERJ6GEYJ101V	RES,M 100-J-1/10W
R2221	ERJ6GEYJ273V	RES,M 27K-J-1/10W
R2303	ERJ6GEYJ822V	RES,M 8.2K-J-1/10W
R2304	ERJ6GEYJ822V	RES,M 8.2K-J-1/10W
R2307	ERJ6GEYJ822V	RES,M 8.2K-J-1/10W
R2309	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R2310	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R2311	ERJ6GEYJ271V	RES,M 270-J-1/10W
R2316	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R2317	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R2318	ERDS1TJ332T	RES,C 3.3K-J-1/2W
R2319	ERDS1TJ332T	RES,C 3.3K-J-1/2W
R2323	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R2324	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2325	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2326	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2331	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2332	ERJ6GEYJ105V	RES,M 1M-J-1/10W
R2333	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2334	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R2335	ERJ6GEYJ183V	RES,M 18K-J-1/10W
R2336	ERJ6GEYJ392V	RES,M 3.9K-J-1/10W
R2337	ERJ6GEYJ332V	RES,M 3.3K-J-1/10W
R2338	ERJ6GEYJ332V	RES,M 3.3K-J-1/10W
R2339	ERJ6GEYJ183V	RES,M 18K-J-1/10W
R2340	ERJ6GEYJ392V	RES,M 3.9K-J-1/10W
R2345	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R2346	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2347	ERJ6GEYJ105V	RES,M 1M-J-1/10W
R2348	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R2349	ERJ6GEYJ472V	RES,M 4.7K-J-1/10W
R2356	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R2366	ERJ6GEYJ222V	RES,M 2.2K-J-1/10W
R2367	ERJ6GEYJ222V	RES,M 2.2K-J-1/10W
R2385	ERG1SJ151P	RES,M 150-J-1W
R2386	ERG1SJ151P	RES,M 150-J-1W
R2431	ERJ6GEYJ105V	RES,M 1M-J-1/10W
R2432	ERJ6GEYJ105V	RES,M 1M-J-1/10W
R2433	ERJ6ENF4701V	RES,M 4.7K-F-1/10W
R2434	ERJ6GEYJ681V	RES,M 680-J-1/10W
R2435	ERJ6ENF3902V	RES,M 39K-F-1/10W
R2436	ERJ6ENF6202V	RES,M 62K-F-1/10W
R2437	ERJ6GEYJ681V	RES,M 680-J-1/10W
R2438	ERJ6GEYJ271V	RES,M 270-J-1/10W
R2439	ERJ6GEYJ271V	RES,M 270-J-1/10W
R3001	ERJ6GEYJ101V	RES,M 100-J-1/10W
R3003	ERJ6ENF75R0V	RES,M 75.0-F-1/10W
R3004	ERJ6ENF75R0V	RES,M 75.0-F-1/10W
R3005	ERJ6ENF75R0V	RES,M 75.0-F-1/10W

REF NO.	PART NO.	DESCRIPTION
R3013	ERJ6GEYJ330V	RES,M 33-J-1/10W
R3014	ERJ6GEYJ330V	RES,M 33-J-1/10W
R3015	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R3016	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R3017	ERJ6GEYJ330V	RES,M 33-J-1/10W
R3018	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R3019	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R3020	ERJ6GEYJ330V	RES,M 33-J-1/10W
R3021	ERJ6GEYJ330V	RES,M 33-J-1/10W
R3022	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R3023	ERJ6GEYJ330V	RES,M 33-J-1/10W
R3024	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R3025	ERJ6GEYJ330V	RES,M 33-J-1/10W
R3060	ERJ6GEYJ471V	RES,M 470-J-1/10W
R3061	ERJ6GEYJ471V	RES,M 470-J-1/10W
R3065	ERJ6GEYJ680V	RES,M 68-J-1/10W
R3069	ERJ6GEYJ471V	RES,M 470-J-1/10W
R3152	ERDS2TJ224T	RES,C 220K-J-1/4W
R3154	ERDS2TJ224T	RES,C 220K-J-1/4W
R3801	ERDS2TJ471T	RES,C 470-J-1/4W
R3802	ERDS2TJ471T	RES,C 470-J-1/4W
R3803	ERDS2TJ471T	RES,C 470-J-1/4W
R3804	ER0S2TKF9100	RES,M 910-F-1/4W
R3805	ER0S2TKF9100	RES,M 910-F-1/4W
R3806	ER0S2TKF9100	RES,M 910-F-1/4W
R3808	ER0S2TKF1001	RES,M 1K-F-1/4W
R3810	ER0S2TKF1001	RES,M 1K-F-1/4W
R3811	ER0S2TKF1001	RES,M 1K-F-1/4W
R3814	ER0S2TKF7681	RES,M 7.68K-F-1/4W
R3815	ERG1SJ104P	RES,M 100K-J-1W
R3816	ERDS2TJ103T	RES,C 10K-J-1/4W
R3817	ERG1SJ104P	RES,M 100K-J-1W
R3818	ERG1SJ104P	RES,M 100K-J-1W
R3819	ER0S2TKF1501	RES,M 1.5K-F-1/4W
R3823	ERQ12AJ121P	RES,F 120-J-1/2W
R3824	ERC12GK222V	RES,C 2200-K-1/2W
R3825	ERC12GK222V	RES,C 2200-K-1/2W
R3826	ERC12GK222V	RES,C 2200-K-1/2W
R4319	ERJ6GEYJ222V	RES,M 2.2K-J-1/10W CT-36SX31E/CE/UE
R4319	ERJ6GEYJ272V	RES,M 2.7K-J-1/10W CT-32SX31E/CE/UE
R4326	ERDS2TJ272T	RES,C 2.7K-J-1/4W
R4327	ERJ6GEYJ331V	RES,M 330-J-1/10W
R4328	ERJ6GEYJ560V	RES,M 56-J-1/10W
R4329	ERJ6GEYJ182V	RES,M 1.8K-J-1/10W
R4330	ERJ6GEYJ561V	RES,M 560-J-1/10W
R4331	ERJ6GEYJ391V	RES,M 390-J-1/10W
R4332	ERJ6GEYJ393V	RES,M 39K-J-1/10W
R4333	ERJ6GEYJ304V	RES,M 300K-J-1/10W
R4334	ERJ6GEYJ152V	RES,M 1.5K-J-1/10W

# REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
R4336	ERJ6GEYJ680V	RES,M 68-J-1/10W
R4338	ERJ6GEYJ222V	RES,M 2.2K-J-1/10W
R4339	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R4340	ERJ6GEYJ682V	RES,M 6.8K-J-1/10W
R4341	ERJ6GEYJ222V	RES,M 2.2K-J-1/10W
R4342	ERJ6GEYJ223V	RES,M 22K-J-1/10W
R4344	ERJ6GEYJ682V	RES,M 6.8K-J-1/10W
R4345	ERJ6GEYJ103V	RES,M 10K-J-1/10W
R5001	ERDS2TJ472T	RES,C 4.7K-J-1/4
R5003	ERX12SJ2R7P	RES,M 2.7-J-1/2W
R5004	ERDS2TJ272T	RES,C 2.7K-J-1/4W
R5005	ER0S2TKF1331	RES,M 1.33-F-1/4W
R5006	ER0S2TKF3320	RES,M 332-F-1/4W
R5007	ER0S2TKF1001	RES,M 1K-F-1/4W
R5008	ER0S2TKF3832	RES,M 38.3K-F-1/4W
R5009	ER0S2TKF9091	RES,M 9.09K-F-1/4W
R5010	ER0S2TKF2213	RES,M .221-F-1/4
R5011	ER0S2TKF5491	RES,M 5.49K-F-1/4W
R5012	ER0S2TKF2701	RES,M 2.7K-F-1/4W
R5014	ERDS1FJ180T	RES,C 18-J-1/2W
R6501	ERJ6GEYJ273V	RES,M 27K-J-1/10W
R6502	ERJ6GEYJ473V	RES,M 47K-J-1/10W
R6503	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R6504	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R6505	ERJ6ENF1301V	RES,M 1.3K-F-1/10W
R6506	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R6507	ERJ6GEYJ221V	RES,M 220-J-1/10W
R6509	ERJ6GEYJ471V	RES,M 470-J-1/10W
R6510	ERJ6GEYJ471V	RES,M 470-J-1/10W
R6512	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R6517	ERJ6GEYJ471V	RES,M 470-J-1/10W
R6520	ERJ6GEYJ471V	RES,M 470-J-1/10W
R6522	ERJ6GEYJ561V	RES,M 560-J-1/10W
R6524	ERJ6GEYJ471V	RES,M 470-J-1/10W
R6538	ERJ6GEYJ821V	RES,M 820-J-1/10W
R6548	ERJ6GEYJ471V	RES,M 470-J-1/10W
R6565	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R6566	ERJ6GEYJ102V	RES,M 1K-J-1/10W
R6567	ERJ6GEYJ222V	RES,M 2.2K-J-1/10W
<b>SWITCHES</b>		
S001	EVQPF106K	SWITCH
S002	EVQPB05R	SWITCH
S003	EVQPB05R	SWITCH
S004	EVQPB05R	SWITCH
S005	EVQPB05R	SWITCH
S006	EVQPB05R	SWITCH
S007	EVQPB05R	SWITCH
<b>TRANSFORMERS</b>		
T501	ETH19Y70AY	TRANSFORMER, HORIZONTAL DRIVER
T551	KFT5AA369F	TRANSFORMER, FLYBACK
T801	ETS44KA165AG	TRANSFORMER

REF NO.	PART NO.	DESCRIPTION
T802	TLP16297	TRANSFORMER, POWER SUPPLY
T1551	ETF18L32B	TRANSFORMER (FTB)
<b>CRISTALS/FILTERS</b>		
X001	TSSA092	CRYSTAL OSCILLATOR
X501	TSS2AA001	CRYSTAL, 3.58MHZ
X601	TAFC5B503F30	CRYSTAL
X1801	TSSA092	CRYSTAL OSCILLATOR
<b>OTHERS</b>		
TNR001	ENG36613G	TUNER
TNR002	ENG36603G	TUNER
M001	EUR511500	XMTR, REMOTE CONTROL
M002	UR51EC975A	BATTERY COVER, REMOTE CON
M003	A90LSW195X	CRT 36 CT-36SX31E/CE/UE
M004	M80LSW195X	CRT 32 CT-32SX31E/CE/UE
M005	TJSC01800	CRT SOCKET
M006	0FMK014ZZ	CONVERGENCE CORRECTOR STRIP
DY	TLY2AA017	YOKE, DEFLECTION CT-36SX31E/CE/UE
DY	TLY2AA018	DELECTION YOKE CT-32SX31E/CE/UE
DEG	TSP2AA015	COIL, DEGAUSSING 36 CT-36SX31E/CE/UE
DEG	TSP2AA016-1	COIL, DEGAUSSING 32 CT-32SX31E/CE/UE
M007	TXFYA010EEW	ASSY, DAG GROUND CT-32SX31E/CE/UE
M008	EAGG1218M2	DOME, SPEAKER
M009	ENPE630	SPLITTER, RF
M010	TBM2AA0024	BADGE, PANASONIC
M011	TEK6940	DOOR CATCH
M012	TKP2AA0391	IR PANEL
M013	TQB2AA7060	REMOTE GUIDE
M014	TKP2AA0403S	ASSY, FRONT DOOR
M015	TMW2A97121	STRAIN RELIEF: AC LINE CORD
M016	TSX2AA0111	AC LINE CORD
M017	TQB2AA0372	MANUAL, OWNERS CT-32SX31E/UE CT-36SX31E/UE
M018	TQB2AA0402	MANUAL, OWNERS CT-32SX31CE CT-36SX31CE
M019	TSP2AF003	COIL, GEOMAGNETIC CT-36SX31E/CE/UE
M020	TSP2AF004	COIL, GEOMAGNETIC CT-32SX31E/CE/UE
M021	TXANV07ESER	REPAIR KIT (FRONT PANELS) Right panel(1),Left panel(1) CT-32SX31E/CE/UE
M022	TXANV08ESER	REPAIR KIT (FRONT PANELS) Right panel(1),Left panel(1) CT-36SX31E/CE/UE
M023	TXFBX01ESER	ASSY, POWER BUTTON Plastic Button & Spring

## REPLACEMENT PARTS LIST

**Model: CT-32SX31E/UE/CE & CT-36SX31E/UE/CE.**

**Important Safety Notice:** Components printed in **BOLD TYPE** have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

REF NO.	PART NO.	DESCRIPTION
M024	TXFKU19ESER	ASSY, CABINET BACK Rubber sheet(1),Double Insul. Label(1),Cover Cabt.Back(1), Felt(1), Label X-ray Warning Frnt.(1), Label, CRTreplacement(1) <i>CT-32SX31E/CE/UE</i>
M025	TXFKU20ESER	ASSY, CABINET BACK Rubber sheet(1), Double Insul.Label(1), Cover Cabt.Back(1), Felt(1), Label X-ray Warning Frnt.(1), Label, CRTreplacement(1) <i>CT-36SX31E/CE/UE</i>
M026	TXFKY29ESER	ASSY, CABINET FRONT Rubber Sheet(1), Badge panasonic(1), Overlay(1), Pin gt(1), Ir Panel(1), Cab. Front(1), Felt Roll (8mm x 46m) or (12mm x 46m). <i>CT-32SX31E/CE/UE</i>
M027	TXFKY30ESER	ASSY, CABINET FRONT Rubber Sheet(1), Badge panasonic(1), Overlay(1), Pin gt(1), Ir Panel(1),Cab. Front(1), Felt Roll (8mm x 46m) or (12mm x 46m) <i>CT-36SX31E/CE/UE</i>
M028	TXFSPB01BSER	ASSY, SPEAKER BRACKET Sponge(2),Sleeve(2), Frame, chassis(1), Instr.Sheet spkr.Brkts.(1). <i>CT-36SX31E/CE/UE</i>
M029	TXFSPB02BSER	ASSY, SPEAKER BRACKET Speaker horn(1), Sponge(2), sleeve(2), Instr.Sheet spkr.Brkts.(1). <i>CT-32SX31E/CE/UE</i>
JK3001	TJB2AA0361	TERMINAL, REAR A/V
JK3151	TJBA187	JACK, A/V OUTPUT
M030	TQB2AA7078	V-CHIP