

## 520ST DOMESTIC (NTSC)

## PARTS LIST (Page 1 of 4)

<u>LOCATOR</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
R43	14-5101	Res; 1/4W 100 OHM
R3,5,7,13-15,30,31 R44,45,74,103,105, R107,111	14-5102	Res; 1/4W 1K OHM
R9,10,12,93	14-5103	Res; 1/4W 10K OHM
R82,83	14-5123	Res; 1/4W 12K OHM
R109	14-5151	Res; 1/4W 150 OHM
R55,58,61	14-5153	Res; 1/4W 15K OHM
Alt/for R16	14-5201 -	Res; 1/4W 200 OHM
R16,41,76-80	14-5221	Res; 1/4W 220 OHM
R62-64	14-5242	Res; 1/4W 2.4K OHM
R42	14-5270	Res; 1/4W 27 OHM
R39	14-5302	Res; 1/4W 3K OHM
R118-126	14-5330	Res; 1/4W 33 OHM
R67	14-5333	Res; 1/4W 33K OHM
R53,56,69	14-5362	Res; 1/4W 3.6K OHM
R100,101	14-5470	Res; 1/4W 47 OHM
R1,2,4,6,11,29, R32,75,81,86,102	14-5472	Res; 1/4W 4.7K OHM
R84	14-5561	Res; 1/4W 560 OHM
R85	14-5562	Res; 1/4W 5.6K OHM
R68	14-5682	Res; 1/4W 6.8K OHM
R54,57,60	14-5752	Res; 1/4W 7.5K OHM
R40	14-5821	Res; 1/4W 820 OHM
R38	14-5822	Res; 1/4W 8.2K OHM
CR1,2,3,7	31-1N914	Diode: 1N914
Q1,2,6,8	34-2N3904	Transistor; 2N3904
C76	CO14179-01	Cap; Ceramic Axial 22PF 50V
C52	CO14179-04	Cap; Ceramic Axial 33PF 50V
C56	CO14179-10	Cap; Ceramic Axial 68PF 50V
C72,101,103	CO14179-17	Cap; Ceramic Axial 680PF 50V
C67	CO14179-18	Cap; Ceramic Axial 15PF 50V

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<u>LOCATOR</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
C18,19,20,21 Alt/for CO70149-008	CO14179-19	Cap; Ceramic Axial 100PF 50V
C10,11	CO14179-30	Cap; Ceramic Axial 30PF 50V
C63	CO14179-33	Cap; Ceramic Axial 8.2PF 50V
C74	CO14180-08	Cap; Ceramic Axial 4700PF 50V
C48,49	CO14180-18	Cap; Ceramic Axial .01UF 25V
C1-9,12-17,22-25,29, C32,35,40,46,47,54, C59,60,70,71,90-92, C95,100,102	CO14181-03	Cap; Ceramic Axial 0.1UF 25V
C26-28,30,36-39,41, C42,44,45,57,78-80	CO14181-05	Cap; Ceramic Axial 0.22UF 25V
C73	CO14181-07	Cap; Ceramic Axial 0.47UF 25V
U26,27	CO14313	IC, 74LS244
U40	CO14340	IC, 74LS02
L29	CO14381	Inductor, Axial IOUH 5%
L17,21,23-28,30,31	CO14384	Inductor, Ferite Bead Axial
U35	CO17096	IC, 74LS04
U36	CO17242	IC, 74LS05
L19,22	CO17948-05	Inductor, Axial IUH 10%
J10,11	CO19062	Conn. DB-9 Pin (Joy/Mouse)
U15	CO25912	IC, CUSTOM MMU
U1	CO25913	IC, CUSTOM DMA Controller
U31	CO25914	IC, CUSTOM Video Shifter
U12	CO25915	IC, CUSTOM Glue Chip.
Y2	CO25944	Crystal 32.0424 MHZ
PR1,2,3,5,6	CO25978-001	Res; NETWORK 10K OHM X 9
U10	CO25982	IC, 68000-8 CPU
U19	CO25983	IC, CUSTOM Sound Chip
U11	CO25984	IC, 68901 MFP
U20,21	CO25985	IC, 6850 ACIA
U14	CO25986	IC, 1488 RS-232 Driver
U13	CO25987	IC, 1489 RS-232 Receiver
U39	CO25988	IC, PC-900 Photocoupler
0037j/7-8-85		

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<u>LOCATOR</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
U37	CO25989	IC, 556 Dual Precision Timer
U16-18,24,25,28,29,30, U32,33,34,38,42,43,44,45	CO25991	IC, 256K X 1 DRAM 150ns
U22,23	CO25992	IC, 74LS373
Y1	CO25993	Crystal 2.4576 MHZ
U9	CO26028	IC, WD1772 FFD Controller
U4	CO26034	IC, 64K ROM
U7	CO26035	IC, 64K ROM
	CO26051-001	Owners Manual
Alt/for 31-IN914	CO60607	Diode; 1N4148
SW1	C061022	Power Switch SPDT Rocker
Alt/for CO61022	C070006	Power Switch SPDT Rocker
J7,8	C070033	Conn. 5 Pin, DIN MIDI
PCB	C070071	Shield Cap
PCB	C070076	Shield Box
PCB	C070077	Bottom Shield
	C070099	Power Supply
SW2	C070119	Push Switch
J1	C070129	Conn. 40 Pin Right Angle
J2	C070130	Conn. DB-19 Pin (Hard Disk)
J3	C070131	Conn. 14 Pin, DIN
J4	C070132	Conn. DB-25P, RS-232C
J5	C070133	Conn. DB-25S, Parallel
J6	C070134	Conn. 13 Pin DIN, Video
J9	C070135	Conn. 7 Pin DIN, Male/Power
J12	C070136	Conn. 18 Pin SIL, Keyboard
C18-21	C070149-008	Cap; Ceramic Axial 100PF 50V
C50,55	C070157-002	Cap; Elec. Radial 22UF 16V
C33	C070157-004	Cap; Elec. Radial 47UF 16V
C31,34	C070158	Cap; Elec. Radial 1UF 50V

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<u>LOCATOR</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
RP4	CO70159-007	Res: NETWORK 4.7K OHM X 9
L20	CO70205	Inductor; Axial 0.27UH 20%
U8	CO70210	IC, 7406
L5-15,12-16,55,83,91,92	CO70241-002	Noise Filter; ZJS5101-02
L3	CO70242	Line Filter; SNH19L-0601-4
Console	CAO70016-001	Bottom Housing
Console	CAO70020-001	Top Housing
Keyboard	CAO70022-001	Keyboard Assembly
	CAO70025	MOUSE
	CAO70052-001	PCB Assembly
Keyboard	CO70258	Keycap Kit (94 keys)
	T/B/A	520ST Service Kit