

BILL OF MATERIALS

AS OF : 2003-07-01

MAX:M PRODUCT : DTV17000W P/N : 61700A#001

NO.	PART NO.	MAIN CATEGORY	SUB CATEGORY	SPEC. (UNITS)	TOL. (%)	TYPE	DESCRIPTION	UNIT QTY	REFERENCE DESIGNATOR
1	61700-66003	ASS'Y	MAIN	DTV17000W LCD MAIN		MAX:A	DTV17000W ASS'Y B/D V0.3	1	

TOP COMPONENT

P/N : 61700-66003

MAX:A PRODUCT : ASS'Y MAIN BOARD

1	0410-0564	CRYSTAL	QUARTZ	18.432MHz		HC-49/S	30ppm,CL:12pF	1	X4
2	0410-1144	CRYSTAL	QUARTZ	10.000MHz		HC-49/S	50ppm,CL:20pF	1	X2
3	0410-2127	CRYSTAL	QUARTZ	14.31818MHz		HC-49/S	50ppm,CL:18pF	1	X3
4	1250-2252	CONNECTOR	AUDIO	3519-7P(310H)		DIP	7P,ST, 3.5@ PHONE JACK SLIM TYPE	1	J6
5	1251-4378	CONNECTOR	HEADER	24P STRAIGHT		DIP	12*2 DUAL, 2mm PITCH,24P MALE, ST	1	J19
6	1251-1196	CONNECTOR	RCA MODULE	AV3-8.4-2A3(Y,W,R)		DIP	ST,3ROW, YELLOW,WHITE,RED	1	J1
7	1251-3820	CONNECTOR	D-SUB15			DIP	ST,3ROW FEMALE,Black	1	CON1
8	1251-6929	CONNECTOR	JACK-POWER	DC-0051		DIP	ST INNER 2.5mm	1	J5
9	1252-0002	CONNECTOR	WAFER	53014-02		SIP	2PIN S/T, 2mm PITCH BOX	2	J30,35
10	1252-0004	CONNECTOR	WAFER	53014-04		SIP	4PIN S/T, 2mm PITCH BOX	4	J8,14,15,34
11	1252-0006	CONNECTOR	WAFER	53014-06		SIP	6PIN S/T, 2mm PITCH BOX	1	J13
12	1252-0010	CONNECTOR	WAFER	53014-10		SIP	10PIN S/T, 2mm PITCH BOX	1	J18
13	1252-0014	CONNECTOR	WAFER	53014-14		SIP	14PIN ST, 2mm PITCH BOX	1	J10
14	1252-2554	CONNECTOR	FPC/FFC	GF102-26S-TS		DIP	26PIN ST,1.0mm PITCH FPC/FFC WAFER	1	J17
15	1813-0463	CRYSTAL	QUARTZ	20.25MHz		HC-49/S		1	X1
16	2110-0700	FUSE	POLY_SWITCH	RGE700		RADIAL	7A	1	F1
17	61700-63003	ASS'Y	SMD	DTV17000W LCD SMD B/D			DTV17000W LCD SMD BOARD V0.3	1	
							TOTAL	21	

P/N : 61700-63003

MAX:S PRODUCT : SMD MAIN BOARD

NO.	PART NO.	MAIN CATEGORY	SUB CATEGORY	SPEC. (UNITS)	TOL. (%)	TYPE	DESCRIPTION	UNIT QTY	REFERENCE DESIGNATOR
1	0160-0268	CAPACITOR	CERAMIC	3.3pF		CHIP	E1A0603 50V C0G	2	C92,94
2	0160-2222	CAPACITOR	CERAMIC	68nF		CHIP	E1A0603 25V X7R	5	C46-49,150
3	0160-4825	CAPACITOR	CERAMIC	6.8nF		CHIP	E1A0603 50V X7R	1	C151
4	0160-5033	CAPACITOR	CERAMIC	390pF		CHIP	E1A0603 50V C0G	1	C39
5	0160-5230	CAPACITOR	CERAMIC	330nF		CHIP	E1A0603 25V Y5V	10	C50,53,101-106,109,110
6	0160-5441	CAPACITOR	CERAMIC	10nF		CHIP	E1A0603 50V X7R	6	BC28,31,32,35 C57,58
7	0160-5515	CAPACITOR	CERAMIC	680nF		CHIP	E1A0603 10V Y5V	4	C10,26,27,40
8	0160-5539	CAPACITOR	CERAMIC	47nF		CHIP	E1A0603 25V X7R	10	C3,4,6,33,34,43,45,172-174
9	0160-5950	CAPACITOR	CERAMIC	470pF		CHIP	E1A0603 50V C0G	3	C114,117,119
10	0160-5994	CAPACITOR	CERAMIC	10pF		CHIP	E1A0603 50V C0G	2	C61,62
11	0160-6130	CAPACITOR	CERAMIC	1uF		CHIP	E1A0805 16V Y5V	8	C93,95,122,138,142,166-168
12	0160-6213	CAPACITOR	CERAMIC	560pF		CHIP	E1A0603 50V C0G	1	C149
13	0160-6686	CAPACITOR	CERAMIC	3pF		CHIP	E1A0603 50V C0G	2	C35,36
14	0160-6845	CAPACITOR	CERAMIC	18pF		CHIP	E1A0603 50V C0G	2	C63,64
15	0160-6918	CAPACITOR	CERAMIC	330pF		CHIP	E1A0603 50V C0G	8	C14-16,21,28,30,31,41
16	0160-6938	CAPACITOR	CERAMIC	1nF		CHIP	E1A0603 50V C0G	18	C5,24,25,29,42,44,52,55,97,98,111,112,120,121,164,165
17	0160-7006	CAPACITOR	CERAMIC	100nF		CHIP	E1A0603 50V Y5V	121	BC1,2,4-27,29,30,33,34,36-64,8108,110,113,115-124,127-140,14154,500 C18,124,125,148
18	0160-7007	CAPACITOR	CERAMIC	3.9nF		CHIP	E1A0603 50V C0G	1	C2
19	0160-7167	CAPACITOR	CERAMIC	680pF		CHIP	E1A0603 50V C0G	2	C140,144

P/N :61700-63003

MAX:S PRODUCT : SMD MAIN BOARD

NO.	PART NO.	MAIN CATEGORY	SUB CATEGORY	SPEC. (UNITS)	TOL. (%)	TYPE	DESCRIPTION	UNIT QTY	REFERENCE DESIGNATOR
20	0160-7021	CAPACITOR	CERAMIC	56pF		CHIP	EIA0603 50V COG	3	C96,99,100
21	0160-7416	CAPACITOR	CERAMIC	1.5nF		CHIP	EIA0603 50V X7R	6	C38,113,116,118,139,143
22	0160-7425	CAPACITOR	CERAMIC	220nF		CHIP	EIA0603 16V Y5V	9	C11-13,19,20,22,37,51,54
23	0160-7510	CAPACITOR	CERAMIC	220pF		CHIP	EIA0603 50V COG	7	C115,128,130,134,136,160,161
24	0160-7519	CAPACITOR	CERAMIC	47p	5	CHIP	EIA0603 50V COG	1	C23
25	0160-7603	CAPACITOR	CERAMIC	120pF		CHIP	EIA0603 50V COG	8	C126,127,129,131-133,135,137
26	0160-7733	CAPACITOR	CERAMIC	100pF		CHIP	EIA0603 50V COG	3	C123,141,145
27	0160-7749	CAPACITOR	CERAMIC	22pF		CHIP	EIA0603 50V COG	2	C59,60
28	0160-7761	CAPACITOR	CERAMIC	39nF		CHIP	EIA0603 50V Y5V	1	C1
29	0180-0058	CAPACITOR	ALUMINIUM	47uF/25V	20	SMD	6.3Φ×5mm CAN TYPE	2	EC43,44
30	0180-0594	CAPACITOR	ALUMINUM	3.3uF/16V	20	SMD	4Φ×5mm	1	EC25
31	0180-2214	CAPACITOR	ALUMINUM	100uF/16V	20	SMD	6.3Φ×5mm CAN TYPE	7	EC9,15,19,32-34,45
32	0180-2216	CAPACITOR	ALUMINUM	2.2uF/16V	20	SMD	4Φ×5mm CAN TYPE	1	EC41
33	0180-2945	CAPACITOR	ALUMINUM	100uF/25V	20	SMD	4Φ×5mm CAN TYPE	6	EC21-24,50,51
34	0180-3414	CAPACITOR	ALUMINUM	4.7uF/16V			4Φ×5mm CAN TYPE	1	EC54
35	0180-3625	CAPACITOR	ALUMINUM	22uF/16V	20	SMD	5Φ×5mm	12	EC1,2,5,6,10-14,16-18
36	0180-4295	CAPACITOR	ALUMINUM	10uF/16V	20	SMD	4Φ×5mm	18	EC3,4,7,8,20,26-31,35-37,52,53
37	0180-4912	CAPACITOR	ALUMINIUM	470uF/16V	20	SMD	8@x10mm	2	EC39,40
38	0699-0020	RESISTOR	FIXED	220	5	CHIP	EIA0603 1/16W J	1	R135
39	0699-1382	RESISTOR	FIXED	3.9K	5	CHIP	EIA0603 1/16W J	4	R101,109,127,133
40	0699-1391	RESISTOR	FIXED	10K	5	CHIP	EIA0603 1/16W J	32	R1,3,4,48,59-63,111,113,124,13164,203-205,208-210,213,232,25
41	0699-1546	RESISTOR	FIXED	15K	5	CHIP	EIA0603 1/16W J	2	R201,206
42	0699-2289	RESISTOR	FIXED	47	5	CHIP	EIA0603 1/16W J	17	R14-17,54,74-76,219,241,242,266,268,269,286
43	0699-2641	RESISTOR	FIXED	2		CHIP	EIA0603 1/16W	8	R102-108,110
44	0699-2643	RESISTOR	FIXED	0	5	CHIP	EIA0603 1/16W J	35	R2,12,13,40,52,53,57,58,64-66,100,122,125,128,142,145,1653-198,215,218,225,226,233,252,
45	0699-2697	RESISTOR	FIXED	200	5	CHIP	EIA0603 1/16W J	2	R5,6
46	0699-2755	RESISTOR	FIXED	27	5	CHIP	EIA0603 1/16W J	1	R85
47	0699-2803	RESISTOR	FIXED	150	1	CHIP	EIA0603 1/16W F	1	R10
48	0699-2847	RESISTOR	FIXED	2K	5	CHIP	EIA0603 1/16W J	1	R123
49	0699-2979	RESISTOR	FIXED	1.2K	5	CHIP	EIA0603 1/16W J	1	R276
50	0699-2994	RESISTOR	FIXED	120K	5	CHIP	EIA0603 1/16W J	1	R246
51	0699-3034	RESISTOR	FIXED	1K	5	CHIP	EIA0603 1/16W J	19	R37-39,45,55,68,84,166,169,191,192245,248,263-265,267
52	0699-3107	RESISTOR	FIXED	390K	5	CHIP	EIA0603 1/16W F	1	R247
53	0699-3303	RESISTOR	FIXED	75	1	CHIP	EIA0603 1/16W F	22	R7-9,19-24,27,29,31,33,36,42-4281,283
54	0699-3325	RESISTOR	FIXED	100	5	CHIP	EIA0603 1/16W J	8	R71,78,79,167,170,220,223,251
55	0699-3410	RESISTOR	FIXED	22	5	CHIP	EIA0603 1/16W J	2	R97,98
56	0699-3452	RESISTOR	FIXED	47K	5	CHIP	EIA0603 1/16W	10	R92,171,174-176,202,207,244,27
57	0699-3488	RESISTOR	FIXED	470	5	CHIP	EIA0603 1/16W	3	R222,224,229
58	0699-3494	RESISTOR	FIXED	4.7K	5	CHIP	EIA0603 1/16W J	21	R26,30,35,49,50,77,80,83,93,94156,172,177-179,211,212,255
59	0699-3516	RESISTOR	FIXED	2.2K (2K2)	5	CHIP	EIA0603 1/16W J	2	R72,73
60	0699-3560	RESISTOR	FIXED	3.3K	5	CHIP	EIA0603 1/16W J	10	R11,46,87,89,91,141,144,188,21

P/N 61700-63003

MAX:S PRODUCT : SMD MAIN BOARD

NO.	PART NO.	MAIN CATEGORY	SUB CATEGORY	SPEC. (UNITS)	TOL (%)	TYPE	DESCRIPTION	UNIT QTY	REFERENCE DESIGNATOR
61	0699-3561	RESISTOR	FIXED	22K	5	CHIP	EIA0603 1/16W J	4	R112,124,217,228
62	0699-3601	RESISTOR	FIXED	360	5	CHIP	EIA0603 1/16W J	1	R243
63	0699-3643	RESISTOR	FIXED	6.8K	5	CHIP	EIA0603 1/16W J	7	R95,173,180,181,183,231,257
64	0699-3652	RESISTOR	FIXED	2.2M	1	CHIP	EIA0603 1/16W F	1	R67
65	0699-3655	RESISTOR	FIXED	510	5	CHIP	EIA0603 1/16W J	1	R56
66	1252-0020	CONNECTOR	WAFER	DF14-20P-1.25H		SMD	20P MALE,1R,RA,1.25mm PITCH	1	J16
67	1810-1628	RESISTOR	ARRAY	47 ×4	5	CHIP	EIA1206 1/16W	24	RP1-11,17-27,30,31
68	1818-1611	IC	SDRAM	HY57V641620HGT-H		TSOP	1MEG * 16 * 4BANKS 48P	1	U10
	1818-1636	IC	SDRAM	HY57V651620BTC-7		TSOP	1MEG * 16 * 4BANKS 48P	0	U10
69	1818-4382	IC	EEPROM	24LC16B		SOP	8P CMOS,16K(8BLOCK ×256 ×8)	1	U15
70	1818-50792	IC	EEPROM	24C02A		SOP	8PIN CMOS,2KBIT	1	U2
71	1820-0013	IC	ASIC	PW166B		PBGA	256P PIXELWORKS LCD CONTROLLER	1	U11
72	1820-0014	IC	CMOS	AM29LV800BT		TSSOP	48P 8M / 512K x 16BIT	1	U14
73	1820-0049	IC	CMOS	AD9883A-110MSPS		MQFP	80PIN ANALOG FLAT PANEL INTERFACE	1	U4
74	1820-0208	IC	ASIC	VPC3230D		PQFP	VIDEO DECODER	1	U7
75	1820-0326	IC	LINEAR	KA7808		D-PAK	8V 1A VOLTAGE REGULATOR	1	U23
76	1820-1230	IC	ASIC	PW1230		PQFP	VIDEO DE-INTERLACER	1	U8
77	1820-1278	IC	TTL	74LVC126A		SOP	3-STATE BUFFERS	1	U3
78	1820-1279	IC	TTL	74LVC541A		TSSOP	3-STATE BUFFERS	1	U25
79	1820-1753	IC	TTL	74HC74		SOP	DUAL D-TYPE POSITIVE EDGE-TRIGGERED	1	U16
80	1820-5709	IC	CMOS	74HC14		SOP	SCHMITT-TRIGGER	1	U12
81	1820-6825	IC	CMOS	THC63LVDM83A		TSSOP	3.3V LVDS TRANSMITTER	1	U29
		IC	CMOS	DS90C383A		TSSOP	3.3V LVDS TRANSMITTER	0	U29
82	1820-0070	IC	SWITCH	P15V330W		SO-16	MUX/DEMUX 5V,16P	1	U34
83	1820-1277	IC	CMOS	74HC123D		SOIC-16	MULTI-VIBRATOR,5V,16P	1	U35
84	1820-7797	IC	DRIVER	BA6417		SOP-8	REVERSIBLE MOTOR DRIVER, 5V, 8P	1	U36
85	1820-8926	IC	TTL	74LV273		TSSOP	D-TYPE FLIP-FLOP, 20P	1	U37
86	1820-7316	IC	MOSFET	IRF7316		SO-8	DUAL P-CHANNEL Vds:-20V Id:-5A	3	Q2,9,13
87	1820-8238	IC	CMOS	MSP3420G		PQFP	80P, SOUND PROCESSOR	1	U19
88	1826-0427	IC	AMP	TPA1517		DWP	6W+6W Amp, 20P(Narrow), DWP	1	U22
89	1826-0681	IC	LINEAR	LM324		SOP	QUAD OPAMP	1	U30
90	1826-0887	IC	LINEAR	Z86129		SOIC	V-CHIP	1	U32
91	1826-0889	IC	LINEAR	DS1708SESA		SOIC	5V POWER RESET IC	1	U28
92	1826-0933	IC	LINEAR	RC1117-3.3V		SOT-223	1A 3.3V FIXED LOW DROPOUT	2	U5,6
		IC	LINEAR	B1117-3.3V		SOT-223	1A 3.3V FIXED LOW DROPOUT	0	
93	1826-0934	IC	LINEAR	RC1117-2.5V		SOT-223	1A 2.5V FIXED LOW DROPOUT	2	U9,13
		IC	LINEAR	B1117-2.5V		SOT-223	1A 2.5V FIXED LOW DROPOUT	0	
94	1826-2184	IC	LINEAR	LM2596S-3.3		TO-263	3.3V 3A SWITCHING REGULATOR	1	U18
95	1826-2185	IC	LINEAR	LM2596SX5V		TO-263	5V 3A SWITCHING REGULATOR	2	U17,31
96	1826-2308	IC	AMP	PT2308		SO-8	5V HEADPHONE AMPLIFIER	1	U20
97	1826-3257	IC	LINEAR	FST3257MTC		TSSOP	ANALOG SWITCH	1	U1
98	1854-1288	TR	NPN	MMBT3904		SOT-23	GENERAL PURPOSE	14	Q1,3,10-12,14-16,22,25-29
99	1854-3908	TR	PNP	MMBT3906		SOT-23	GENERAL PURPOSE	4	Q17-20
100	1855-0271	TR	MOSFET	2N7002		SOT-23	N-CHANNEL 60V 280MA	4	Q5,6,21,23
101	1900-0089	DIODE	SCHOTTKY	SK34		SMD	D0214AB 40V 3A	3	D10,11,14
	1901-0013	DIODE	SCHOTTKY	MBRS340		SMD	40V 3A	0	D10,11,14
102	1901-0024	DIODE	SWITCHING	MMBD4148		SOT-23	GENERAL PURPOSE	6	D3,4,12,13,15,16
103	1901-1357	DIODE	SWITCHING	KDS226		SOT-23	DOUBLE DIODE	6	D5-7,17-19
104	1902-1232	DIODE	ZENER	BZX84C5V6		SOT-23	5.6V(DZ5.6)	4	D1,2,8,9
105	9100-2272	INDUCTOR	COIL	47uH		SMD	12x12mm 47uH DH-T1 (H:5.6Φ)	3	L19,20,51
106	9140-0012	INDUCTOR	COIL	SLF6028T-100M1R3		SMD	10uH 6mm*6mm 1.3A	4	L16,18,38,40

P/N 61700-63003

MAX:S PRODUCT : SMD MAIN BOARD

NO.	PART NO.	MAIN CATEGORY	SUB CATEGORY	SPEC. (UNITS)	TOL (%)	TYPE	DESCRIPTION	UNIT QTY	REFERENCE DESIGNATOR
107	9140-0018	INDUCTOR	COIL	NL322522T-1R8J		SMD	1.8uH 0.35A	4	L43,44,47,48
108	9140-0330	INDUCTOR	COIL	NL252010T-3R3J		SMD	3.3uH	4	L8-11
109	9140-0922	INDUCTOR	F-BEAD	HB-1M1608-121JT		SMD	120 OHM 0603SIZE	2	L7,17
110	9140-1655	INDUCTOR	COIL	NLC322522T-100K		SMD	10uH 1210SIZE, 0.3A	4	L12-15
111	9140-2867	INDUCTOR	F-BEAD	HH-1M2012-121JT		SMD	120 OHM 0805SIZE	18	L6,21,22-26,28,29,35,49,50,54,
112	9140-2868	INDUCTOR	F-BEAD	HU-1M2012-121JT		SMD	120 OHM 0805SIZE	1	L36
113	9170-2131	INDUCTOR	F-BEAD	HB-1M1608-800JT		SMD	80 OHM 0603SIZE	8	L1-5,60-62
114	62010-20003	PCB		DTV2010N LCD PCB		MLB	LCD MAIN PCB V0.3, FR-4	1	
							TOTAL	665	

BOTTOM COMPONENT

P/N 61700-63003

MAX:S PRODUCT : SMD MAIN BOARD

NO.	PART NO.	MAIN CATEGORY	SUB CATEGORY	SPEC. (UNITS)	TOL (%)	TYPE	DESCRIPTION	UNIT QTY	REFERENCE DESIGNATOR
1	0160-7006	CAPACITOR	CERAMIC	100nF		CHIP	EIA0603 50V Y5V	23	BC65-80,83-89

TECHSAN I&C CO.,LTD.