MODEL NAME	MV176TM
CODE	VM0012
SUFFIX	US
DATE	2003. 11.04
PART NUMBER	VMT-0012A2
REVISION	A2

ITEM DESCRIPTION	ITEM SPECIFICATION	QTY	LOCATION NUMBER									
			1	2	3	4	5	6	7	8	9	10
PWB(PCB) ASSY,MAIN	MEGA-VISION MV176TM MAIN TOTAL											
PWB(PCB) ASSY,MAIN	MEGA-VISION MV176TM MAIN HAND INSERTING											
BOARD LABEL	MV176TM											
JACK DC POWER	DC-2.5 2.5MM	1	J3									
JACK AUDIO	PHONE JACK 3.5PIE NINENEW SJ3501-5 H7	2	J6	J8								
JACK MINI DIN	DRAGON CITY DJ04-4P	1	J12									
JACK MINI DIN	DRAGON CITY DJ04-6P-5M	1	J11									
CONNECTOR	15P D-SUB 2.29MM FEMALE RIGHT ANGLE	1	J4									
WAFER	53014-1210 MOLEX 2.0mm STRAIGHT	1	J5									
WAFER	53014-1010 MOLEX 2.0mm STRAIGHT	1	J7									
WAFER	53014-0810 MOLEX 2.0mm STRAIGHT	1	J2									
WAFER	53014-0410 MOLEX 2.0mm STRAIGHT	1	J10									
Al. CAPCITOR/SAMHWA/RUBYCON	470UF 16V M 8*11.5*3.5 -SD TYPE	8	C3	C62	C84	C87	C94	C95	C137	C154		
Al. CAPCITOR/SAMHWA/RUBYCON	100UF 25V M 6.3*11*2.5 -SD TYPE	1	C69									
Al. CAPCITOR/SAMHWA/RUBYCON	100UF 16V M 5*11*2 SD-TYPE	7	C1	C10	C85	C93	C165	C208	C209			
Al. CAPCITOR/SAMHWA/RUBYCON	47UF 16V M 5*11*2 SD-TYPE	1	C159									
Al. CAPCITOR/SAMHWA/RUBYCON	10UF 16V M 5*11*2 SD-TYPE	8	C86	C96	C107	C108	C122	C123	C124	C125		
IC, STMICROELECTRONICS	TDA7496L 2W+2W AMPLIFIER POWERDIP 20P	1	U1									
MICOM LABEL	MV176T-US V1.0	1	U21									
IC, MYSON	MYSON MTV412MV FLASH128K PLCC44	1	U21									
PWB(PCB) ASSY,MAIN	MEGA-VISION MV176TM MAIN SMT TOP											
CAPACITOR, CHIP CERAMIC	10NF 50V K X7R 1608 R/TP	19	C11	C12	C15	C44	C66	C80	C90	C91	C99	C109
			C110	C117	C118	C120	C151	C181	C184	C185	C189	
CAPACITOR, CHIP CERAMIC	1NF 50V K X7R 1608 R/TP	8	C13	C14	C16	C58	C78	C119	C147	C164		
CAPACITOR, CHIP CERAMIC	0.22UF 10V K X7R 1608 R/TP	1	C92									
CAPACITOR, CHIP CERAMIC	0.33UF 10V K X7R 1608 R/TP	1	C195									
CAPACITOR, CHIP CERAMIC	0.47UF 10V K X7R 1608 R/TP	5	C17	C20	C21	C64	C65					
CAPACITOR, CHIP CERAMIC	1UF 10V K X7R 1608 R/TP	8	C68	C70	C71	C83	C89	C100	C101	C130		
CAPACITOR, CHIP CERAMIC	0.1UF 16V K X7R 1608 R/TP	58	C2		C5	C7	C8	C9	C22	C23	C24	C26
			C27	C28	C29	C30	C32	C34	C35	C36	C38	C39
			C40		C43	C45	C46	C47	C48	C49	C51	C57
			C59	C60	C61	C72	C73	C74	C79	C81	C88	C98
			C102	C103	C104	C112	C114	C116	C121	C126	C127	C129
			C139	C140	C141	C142	C150	C152	C156	C158	C160	C188
CAPACITOR, CHIP CERAMIC	10PF 50V J NP0 1608 R/TP	7	C50	C54	C55	C56	C63	C67	C82			
CAPACITOR, CHIP CERAMIC	1PF 50V J NP0 1608 R/TP	1	C25									
CAPACITOR, CHIP CERAMIC	12PF 50V J NP0 1608 R/TP											
CAPACITOR, CHIP CERAMIC	15PF 50V J NP0 1608 R/TP	1	C162									
CAPACITOR, CHIP CERAMIC	27PF 50V J NP0 1608 R/TP	4	C33	C105	C106	C138						
CAPACITOR, CHIP CERAMIC	33PF 50V J NP0 1608 R/TP	2	C18	C52								
CAPACITOR, CHIP CERAMIC	150PF 50V J NP0 1608 R/TP	1	C194									
CAPACITOR, CHIP CERAMIC	330PF 50V J NP0 1608 R/TP	1	C97									
CAPACITOR, CHIP CERAMIC	390PF 50V J NP0 1608 R/TP	15	C42	C53	C115	C128	C132	C133	C134	C135	C144	C145
			C146	C155	C157	C161	C163					
CAPACITOR, CHIP CERAMIC	6.8NF 50V K X7R 1608 R/TP	1	C113									
CAPACITOR, CHIP CERAMIC	22NF 50V K X7R 1608 R/TP	3	C249	C250	C251							
CAPACITOR, CHIP CERAMIC	68NF 50V K X7R 1608 R/TP	1	C111									
CHIP RESISTOR	0 1/16W J 1608 D.R/TP	14	R18	R19	R20	R31	R33	R34	R35	R40	R42	R93
			R99	R106	R138	R195						
CHIP RESISTOR	1K 1/16W J 1608 D.R/TP	7	R45	R46	R50	R77	R79	R80	R87			
CHIP RESISTOR	1.2K 1/16W J 1608 D.R/TP	1	R100									
CHIP RESISTOR	10K 1/16W J 1608 D.R/TP	9	R2	R16	R41	R71	R92	R123	R167		R200	R202
CHIP RESISTOR	100 1/16W J 1608 D.R/TP	41	R3	R9	R10	R11	R15	R23	R24	R32	R36	R38
			R44	R48	R49	R52	R53	R55	R56	R61	R67	R70
			R72	R82	R94	R95	R97	R105	R109	R110	R131	R132
			R148	R152	R177	R180	R181	R196	R203	R204	R205	R226
			R233									
CHIP RESISTOR	300K 1/16W J 1608 D.R/TP	1	R86									
CHIP RESISTOR	1.6K 1/16W J 1608 D.R/TP	2	R8	R43								
CHIP RESISTOR	1M 1/16W J 1608 D.R/TP	1	R207									
CHIP RESISTOR	820 1/16W J 1608 D.R/TP	1	R54									
CHIP RESISTOR	22 1/16W J 1608 D.R/TP	4	R78	R192	R193	R194						
CHIP RESISTOR	220 1/16W J 1608 D.R/TP	1	R102									
CHIP RESISTOR	22K 1/16W J 1608 D.R/TP	2		R88	R89							
CHIP RESISTOR	82 1/16W J 1608 D.R/TP	1	R186									

CHIP RESISTOR	300 1/16W J 1608 D.R/TP	4	R98	R124	R145	R146						
CHIP RESISTOR	330 1/16W J 1608 D.R/TP	2	R166	R188								
CHIP RESISTOR	4.7K 1/16W J 1608 D.R/TP	20	R7	R12	R14	R28	R29	R64	R65	R66	R68	R69
			R73	R75	R76	R83	R84	R85	R90	R91	R178	R201
CHIP RESISTOR	47 1/16W J 1608 D.R/TP	1	R103									
CHIP RESISTOR	3K 1/16W J 1608 D.R/TP	2	R47	R51								
CHIP RESISTOR	6.8K 1/16W J 1608 D.R/TP	1	R140									
CHIP RESISTOR	47K 1/16W J 1608 D.R/TP	10	R22	R25	R26	R27	R30	R59	R60	R62	R63	R74
CHIP RESISTOR	51 1/16W J 1608 D.R/TP	1	R37									
CHIP RESISTOR	68 1/16W J 1608 D.R/TP	2	R104	R237								
CHIP RESISTOR	9.1K 1/16W J 1608 D.R/TP	2	R57	R58								
CHIP RESISTOR	470 1/16W J 1608 D.R/TP	2	R165	R187								
CHIP RESISTOR	75 1/16W J 1608 D.R/TP	15	R1	R5	R6	R21	R96	R101	R125	R127	R128	R142
			R143	R144	R147	R168	R173					
CHIP ARRAY RESISTOR	47 M3216, ROHM, CHIP ARRAY RESISTOR	2	RA8	RA9								
CHIP BEAD	HB-1H1608-300 CERATEC 1608MM R/TP	2	L10	L12								
CHIP BEAD	HH-1M2012-121 CERATEC 2012MM R/TP	14	L2	L3	L4	L5	L6	L7	L8	L13	L15	L16
			L17	L18	L23	L24						
CHIP INDUCTOR	FI-B2012-332-KJT CERATEC 2012MM R/TP	1	L1									
CHIP COIL	FI-B2012-822-KJT CERATEC 2012MM R/TP	1	L26									
CHIP COIL	FI-B2012-222-KJT CERATEC 2013MM R/TP	1	L14									
IC,NIKO	REGULATOR 1.0A 2.5V 1117BCGT	1	U10									
IC,NIKO	REGULATOR 1.0A 1.8V 1117CCGT	1	U14									
IC,NIKO	REGULATOR 3.0A 3.3V 1085 D2PACK	1	U22									
IC, STMICROELECTRONICS	MULTISTANDARD DIGITAL VIDEO DECODER STV2310 TQFP64	1	U15									
COIL,DACOWELL	TPRH1207-330L SMD CHOKE 33UH	1	L11									
IC, REALTEK	REALTEK SCALER SXGA RTD2522 QFP128P	1	U2									
IC,NATIONAL SEMICODUCTOR	150KHZ SIMPLE 3A STEP-DOWN REGULATOR LM2596SXS-5.0 TO-263-5	1	U12									
IC, MICREL	200KHZ SIMPLE 3A BUCK REGULATOR MIC4576-5.0BU TO-263											
IC,CATALIST	24WC16 8P SOIC TP EEPROM	1	U18									
IC, FAIRCHILD	FDC6326L TP FAIRCHILD 16V 2.4A E	1	U8									
TRANSISTOR	SAMSUNG TR KSC1623, KEC KTC3875	3	Q1	Q2	Q3							
IC,PHILIPS	74HC4052-SOP 16P	1	U100									
CRISTAL	SX-1 SMS, 27.000MHZ CL 18PF	1	X1									
CRISTAL	SX-1 SMS, 24.576MHZ CL 18PF	1	X2									
CRISTAL	SX-1 SMS, 12.000MHZ CL 20PF	1	X4									
IC,ZILOG	Z86229 NTSC LINE21 CCD DECODER SOIC 18P	1	U3									
DIODE, SCHOTTKY	SCHOTTKY POWER RECTIFIER MBRS340 TP ON-SEMI NON 40V 3A	1	ZD3									
IC, PHILIPS	74LVC/LVT14ADR2 14P,SOIC TP LEVEL	1	U6									
IC, JRC	VIDEOSWITCH NJM2246BM SOP8	1	U11									
DIODE ZENER	UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	6	ZD1	ZD2	ZD4	ZD5	ZD6	ZD7				
DIODE ZENER	UDZ S 9.1B TP ROHM-K SOD323 200MW 9.1V 5MA	1	ZD8									
DIODE,SWITCHING	BAV99 TP ON-SEMI SOT-23 80V 300M	5	D1	D3	D4	D5	D6					
SOCKET	SOCKET PLCC 44P MAOYEE INDUSTRY	1	U21									
WAFER,LG	GT123-30P-H25-LSS 30P 1.25MM Right Angle	1	J1									
PCB	MV176TM VPM-0012A2 (FR-4 2LAYER 1.6T)	1										

MODEL NAME	MV173TT
DATE	2003.11.04
CODE	VM0013
PART NUMBER	VTT-0013A2
REVISION	NTSC /SAMSUNG TUNER

ITEM DESCRIPTION	ITEM SPECIFICATION	QTY	LOCATION NUMBER									
			1	2	3	4	5	6	7	8	9	10
Item Desc.	Item Spec.	QTY										
PWB(PCB) ASSY,VIDEO	MV173TT TUNER TOTAL											
PWB(PCB) ASSY,VIDEO	MV173TT TUNER HAND INSERTING											
Al. CAPCITOR SAMHWA/RUBICON	100Uf/16V SMD GC TYPE 6.3*5.8	3	C3	C4	C7							
TUNNER SS/NTSC	TCPN9082DA27D(T)	1	TU1									
WAFER MOLEX	53014-1010 MOLEX 2.0mm STRAIGHT	1	J1									
PWB(PCB) ASSY,VIDEO	MV173TT VIDEO SMT TOP											
CAPACITOR, CHIP CERAMIC	10NF 50V K X7R 1608 R/TP	2	C5	C6								
CAPACITOR, CHIP CERAMIC	22NF 50V K X7R 1608 R/TP											
CHIP RESISTOR	0 1/10W J 1608 D.R/TP	1	R4									
CHIP RESISTOR	100 1/10W J 1608 D.R/TP	2	R1	R2								
CHIP BEAD	HH-1M2012-121 CERATEC 2012MM R/TP	2	L1	L2								
IC,FARCHILD	REGULATOR 1.0A 5.0V KIA7805AF DPAK	1	U2									
IC,FARCHILD	REGULATOR 1.0A 9.0V KIA7809AF DPAK	1	U1									
PCB	MV173TT VPM-0013A2 (FR-4 2LAYER 1.6T)	1										