MV177S MONITOR_AUDIO 2W+2W

MEGAVISION R&D Revision: 0.2

Bill Of Materials 2005. 07. 12

Item	Quantity	ITEM	Part	SPEC	Reference									
					1	2	3	4	5	6	7	8	9	10
1	8	CHIP BEAD	80B (2012)	HH-1H2012-121 CERATEC 2012MM R/TP 80Ohm	B1	B3	B4	B5	B6	B7	B8	R88		
2	43	CAPACITOR, CHIP CERAMIC	104C	0.1UF 50V Z X7R 1608 R/TP	C5	C6	C7	C8	C9	C10	C11	C14	C15	C16
					C17	C18	C19	C20	C21	C22	C23	C24	C25	C26
					C28	C34	C37	C38	C40	C41	C42	C43	C44	C45
					C47	C70	C72	C73	C74	C75	C76	C77	C78	C79
					C80	C83	C84	C555	C557					
3	3	CAPACITOR, CHIP CERAMIC	0R5C	5PF 50V J NP0 1608 R/TP	C29	C30	C31							
4	2	CAPACITOR, CHIP CERAMIC	180C	18PF 50V J NP0 1608 R/TP	C33	C32								
5	4	CAPACITOR, CHIP CERAMIC	473C	47NF 50V K NPO 1608 R/TP	C35	C36	C39	C59						
6	2	CAPACITOR, CHIP CERAMIC	474C	470NF 50V K NPO 1608 R/TP	C556	C551								
7	5	CAPACITOR, CHIP CERAMIC	105C	1UF 16V Z X7R 1608 R/TP	C51	C56	C57	C63	C66					
8	2	CAPACITOR, CHIP CERAMIC	105C(2012)	1UF 25V Z X7R 2012 R/TP	C49	C55								
9	3	CAPACITOR, CHIP CERAMIC	103C	10NF 50V K X7R 1608 R/TP	C53	C54	C60							
10	1	CAPACITOR, CHIP CERAMIC	272C	2.7NF 50V K X7Y 1608 R/TP	C62									
11	1	CAPACITOR, CHIP CERAMIC	330C	33PF 50V J NP0 1608 R/TP	C64									
12	1	CAPACITOR, CHIP CERAMIC	201C	200PF 50V J NP0 1608 R/TP	C65									
13	2	CAPACITOR, CHIP CERAMIC	200C	20PF 50V J NP0 1608 R/TP	C67	C68								
14	2	CAPACITOR, CHIP CERAMIC	0R5C/3KV	5PF 3KV X7R 4526 R/TP	C50	C58								
15	8	CAPACITOR, CHIP CERAMIC	106C(3216)	10UF 16V Z X7R 3216 R/TP	C12	C13	C27	C46	C69	C71	C92	C93		
16	2	CAPACITOR, CHIP CERAMIC	106C(1210)	10UF 25V Z X7R 1210 R/TP	C52	C61								
17	2	Al. CAPCITOR/SAMHWA/RUBYCON	220uF/25V	SD - TYPE (220uF/25V ±20% 5*11mm -40℃~105℃)	C48	C86								
18	2	Al. CAPCITOR/SAMHWA/RUBYCON	100uF/16V	SD - TYPE (100uF/16V ±20% 5*11mm -40℃~105℃)	C88	C94								
19	7	Al. CAPCITOR/SAMHWA/RUBYCON	470uF/16V	SD - TYPE (470uF/10V ±20% 6.3*11mm -40℃~105℃)	C81	C90	C89	C552	C553	C554	C558			
20	25	CHIP RESISTOR	100R	100 1/10W J 1608 D.R/TP ±5%	R11	R12	R15	R16	R19	R22	R23	R24	R25	R26
					R33	R34	R35	R37	R51	R52	R61	R62	R63	R67
					R68	R70	R71	R77	R87					
21	8	CHIP RESISTOR	103R	10K 1/10W J 1608 D.R/TP ±5%	R20	R38	R39	R42	R58	R64	R65	R66		
22	4	CHIP RESISTOR	102R	1K 1/10W J 1608 D.R/TP ±5%	R5	R40	R76	R553						
23	1	CHIP RESISTOR	510R	51 1/10W J 1608 D.R/TP ±5%	R6									
24	17	CHIP RESISTOR	472R	4.7K 1/10W J 1608 D.R/TP ±5%	R9	R10	R13	R14	R17	R18	R27	R28	R59	R60
					R69	R73	R74	R75	R78	R554	R555			
25	4	CHIP RESISTOR	000R	0 1/10W J 1608 D.R/TP ±5%	R21	L1	L2	L3						
26	3	CHIP RESISTOR	750R	75 1/10W J 1608 D.R/TP ±5%	R30	R31	R32							
27	1	CHIP RESISTOR	331R	330 1/10W J 1608 D.R/TP ±5%	R36									
28	1	CHIP RESISTOR	304R	300K 1/10W J 1608 D.R/TP ±5%	R551									
29	1	CHIP RESISTOR	754R	750K 1/10W J 1608 D.R/TP ±5%	R41									
30	2	CHIP RESISTOR	623R	62K 1/10W J 1608 D.R/TP ±5%	R47	R43								
31	1	CHIP RESISTOR	203R	20K 1/10W J 1608 D.R/TP ±5%	R44									
32	1	CHIP RESISTOR	154R	150K 1/10W J 1608 D.R/TP ±5%	R45									
33	2	CHIP RESISTOR	104R	100K 1/10W J 1608 D.R/TP ±5%	R48	R53								
34	2	CHIP RESISTOR	105R	1M 1/10W J 1608 D.R/TP ±5%	R49	R55								
35	1	CHIP RESISTOR	124R	120K 1/10W J 1608 D.R/TP ±5%	R50									
36	1	CHIP RESISTOR	221R	220 1/10W J 1608 D.R/TP ±5%	R54									
37	3	CHIP RESISTOR	222R	2.2K 1/10W J 1608 D.R/TP ±5%	R56	R57								
38	1	CHIP RESISTOR	201R	200 1/10W J 1608 D.R/TP ±5%	R79									
39	2	CHIP RESISTOR	272R	2.7K 1/10W J 1608 D.R/TP ±1%	R80	R84								
40	2	CHIP RESISTOR	912R	9.1K 1/10W J 1608 D.R/TP ±1%	R85	R81								
41	2	CHIP RESISTOR	223R	22K 1/10W J 1608 D.R/TP ±1%	R86	R82	R552							
42	1	CHIP RESISTOR	473R	47K 1/10W J 1608 D.R/TP ±1%	R83									
43	1	CHIP RESISTOR	511R	510 1/10W J 1608 D.R/TP ±5%	R89									
44	1	CHIP RESISTOR	000R	0 1/10W J 3126 D.R/TP ±5%	F1									
45	1	LED	LED	GREEN LED 2P 3mm	LED1									
46	5	TACT SWICH	SW	4PIN DIP L=4.3mm N=260gN	SW1	SW2	SW3	SW4	SW5					
47	7	DIODE,SWITCHING	BAV99	BAV99 TP ON-SEMI SOT-23 80V 300M	D15	D16	D17	D18	D19	D23	D24			
48	2	DIODE ZENER	UDZS 5.6	UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	D13	D14								
49	3	DIODE ZENER	UDZS 7.5	UDZ S 7.5B TP ROHM-K SOD323 200MW 7.5V 5MA	D20	D21	D22							
50	2	DIODE	1SS355	1SS355(LMDL914T-LRC)SOD-323	D25	D26								
51	1	DIODE, SCHOTTKY	MBRS340T	SCHOTTKY POWER RECTIFIER MBRS340 TP ON-SEMI NON 40V 3A	D27									
52	1	WAFER	HEADER_30	12507WR-30 30P 1.25MM Right Angle (YEONHO)	J1									
53	4	WAFER	2P 3.5mm	(YEONHO 35001WR-02)2P 3.5mm (MOLEX 68176-0217)	J4	J5	J6	J7						
54	1	WAFER	CON12	PH12A 2.0mm RIGHT ANGLE	J11									
55	1	WAFER	CON12	PH12A 2.0mm STRATE	J8									
56	1	WAFER	CON4	YEONHO SMW200-04P 2.0mm STRATE	J551									
57	2	TRANSISTOR	2222A	PHILIPS SOT-23	Q7	Q1								
58	2	TRANSISTOR	MMUN2213LT1	MOTOROLA SOT-23 / KTC3875	Q8	Q4								
59	1	TRANSISTOR	KTA1504S	SAMSUNG TR KTA1504S-SOT23	Q5									
60	1	TRANSISTOR	KSC1623	FAIRCHILD KSC1623	Q551									
61	2	FET	FDS8958A	FAIR-CHILD SO-8	Q2	Q3								
62	1	FET	FDS9435	FAIR-CHILD/CEM9435A SO-8	Q6									
63	1	COIL,DACOWELL	CHOCK/33uH_3A	TPRH1206-330M SMD CHOKE 33UH	L5									
64	2	Transformer	TRANSFORMER	100uH 221728001 (KYUNG-IN ELECTRONICS KE043-11-006-2)	T3	T4								
65	1	CONNECTOR	DSUB15	15P D-SUB2.29mm FEMALE RIGHT ANGLE(측구 4.75mm 훈리쉬)	J2									
66	1	JACK DC POWER	CONN JACK PWR	DJ05F-250 NINEVIEW DC-2.5 2.5mm	J9									
67	2	PHONE JACK	AUDIO CONN	PHONE JACK PJ-325 5PIN STEREO	J552	J553								
68	1	SOKET PLCC 44	MCU SOKET PLCC44	SOCKET PLCC 44P MAOYEE INDUSTRY	U5									
69	1	IC, REALTEK	RTD2022	REALTEK SCALER SXGA RTD2022 QFP128P	U3									
70	1	IC, BITEK	BIT3105	BIT3105 SSOP-20	U4									
71	1	IC, MYSON	MTV512MV	MYSON MTV512MV FLASH64K PLCC44	U5									
72	1	IC, CATALIST	24LC16	24WC16 8P SOIC TP EEPROM	U6									
73	1	IC, ANACHIP	AP1501-50(AnaChip)(5V)	150KHZ SIMPLE 3A STEP-DOWN REGULATOR AP1501-33K5-A TO-263-5	U7									
74	1	IC, NIKO	1084-3_3	RECULATOR 5.0A 3.3V 1084 D2PACK TO263	U8									
75	1	IC, NIKO	1117 25	REGULATOR 1.0A 2.5V SOT-223	U9									
76	1	IC,STmicro	TDA7496L	2W+2W AMP TDA7496L DIP TYPE 20pin	U551									
77	1	CRISTAL	12.00M	SX-1 SMS, 12.000MHZ±30ppm CL 20PF	X1									
78	1	CRISTAL	24.576MHz	SX-1 SMS, 24.576MHZ±30ppm CL 18PF	Y1									
79	1	PCB	PCB 2LAYER	MV177 (FR-4 2LAYER 1.6T 100mmX185mm)										