

PART LIST						결 재	담 당		검 토		승 인			
MODEL	MV179 AD Board													
DATE	2006.03.28		REVISION	0		NAME		이 재 성						
NO.	ITEM	VENDOR	SPECIFICATION	QUANTI TY	REFERENCE									
					1	2	3	4	5	6	7	8	9	10
1	CAPACITOR, CHIP CERAMIC	YAGEO	22PF 50V Z X7R 1608 R/TP	2	C16	C17								
2	CAPACITOR, CHIP CERAMIC	YAGEO	100PF 50V Z X7R 1608 R/TP	4	C45	C46	C48	C49						
3	CAPACITOR, CHIP CERAMIC	YAGEO	104 50V Z X7R 1608 R/TP	31	C5	C6	C9	C10	C11	C12	C13	C14	C20	C25
					C26	C29	C31	C32	C33	C34	C35	C36	C37	C38
					C39	C40	C41	C42	C47	C62	C63	C64	C67	C70
					C71									
4	CAPACITOR, CHIP CERAMIC	YAGEO	473 50V Z X7R 1608 R/TP	7	C52	C53	C54	C55	C56	C57	C58			
5	CAPACITOR, CHIP CERAMIC	YAGEO	474 50V Z X7R 1608 R/TP	2	C7	C8								
6	Al. CAPACITOR	SAMHWA/ RUBYCON	SD - TYPE (10uF/16V ±20% 6.3*11mm -40℃ ~105℃)	3	C18	C19	C24							
7	Al. CAPACITOR	SAMHWA/ RUBYCON	SD - TYPE (100uF/16V ±20% 6.3*11mm -40℃ ~105℃)	2	C65	C66								
8	Al. CAPACITOR	SAMHWA/ RUBYCON	SD - TYPE (100uF/25V ±20% 6.3*11mm -40℃ ~105℃)	3	C15	C59	C69							
9	Al. CAPACITOR	SAMHWA/ RUBYCON	SD - TYPE (220uF/25V ±20% 6.3*11mm -40℃ ~105℃)	1	C60									
10	Al. CAPACITOR	SAMHWA/ RUBYCON	SD - TYPE (470uF/16V ±20% 6.3*11mm -40℃ ~105℃)	5	C1	C2	C3	C4	C61					
11	CHIP RESISTOR	YAGEO	0 1/10W J 1608 D.R/TP ±5%	3	L1	R49	R50	R53						
12	CHIP RESISTOR	YAGEO	0 1/10W J 3216 D.R/TP ±5%	2	L11	L12								
13	CHIP RESISTOR	YAGEO	10 1/10W J 1608 D.R/TP ±5%	8	R4	R5	R6	R7	R8	R9	R10	R11		
14	CHIP RESISTOR	YAGEO	33 1/10W J 1608 D.R/TP ±5%	4	R55	R56	R57	R58						
15	CHIP RESISTOR	YAGEO	75 1/10W J 1608 D.R/TP ±5%	3	R64	R65	R66							
16	CHIP RESISTOR	YAGEO	100 1/10W J 1608 D.R/TP ±5%	14	R31	R32	R33	R34	R35	R36	R37	R38	R39	R40
					R41	R42	R61	R62						
17	CHIP RESISTOR	YAGEO	200 1/10W J 1608 D.R/TP ±5%	1	R29									
18	CHIP RESISTOR	YAGEO	390 1/10W J 1608 D.R/TP ±1%	1	R59									
19	CHIP RESISTOR	YAGEO	470 1/10W J 1608 D.R/TP ±1%	1	R63									
20	CHIP RESISTOR	YAGEO	510 1/10W J 1608 D.R/TP ±1%	1	R72									
21	CHIP RESISTOR	YAGEO	820 1/10W J 1608 D.R/TP ±1%	1	R54									
22	CHIP RESISTOR	YAGEO	1K 1/10W J 1608 D.R/TP ±5%	2	R3	R71								
23	CHIP RESISTOR	YAGEO	4.7K 1/10W J 1608 D.R/TP ±5%	9	R14	R27	R28	R44	R45	R46	R47	R48	R70	
					R15	R16	R17	R18	R19	R20	R21	R322	R23	R24
					R25	R26	R60							
25	CHIP RESISTOR	YAGEO	22K 1/10W J 1608 D.R/TP ±5%	4	R2	R30	R43	R73						
26	CHIP RESISTOR	YAGEO	300K 1/10W J 1608 D.R/TP ±5%	1	R1									
27	IC, EEPROM	ATMEL	24C16 8P SOIC TP SMD SO-8	2	U3	U4								
28			PS25LV512	2	U6									
29	IC, STMICRO	ST-MICRO/UTC	2W+2W AMP TDA7496L DIP TYPE 20pin	1	U1									
30	SCALER, MSTAR	MSTAR	MSTAR SCALER TSU56AL-LF QFP100P	1	U2									
31	FET	FAIRCHILD SEMICONDUCTOR	FDS9435A SO-8	1	Q5									

NO.	ITEM	VENDOR	SPECIFICATION	QUANTITY	REFERENCE									
					1	2	3	4	5	6	7	8	9	10
32	CRYSTAL	SHENZHEN STAR COMMUNICATION	SX-1 SMS, 14.318MHZ±30ppm	1	X1									
33	COIL	DAWWELL	33UH/SMD (3A)	1	L3									
34	Ferrite CHIP BEAD	YAGEO	SBK160809T-800Y-S/ 80 OHM 2012	7	L4	L5	L6	L7	L8	L9	L10			
35	REGULATOR	ANACHIP, CCM	150KHZ SIMPLE 3A STEP-DOWN REGULATOR AC1501-5V/UTC LM2596-5V TO-263-5	1	U5									
36	WAFER	UNICORN ELECTRONICS	12057WR-30 30P 1.25MM Right Angle	1	J5									
37	DIODE	ON SEMICONDUCTOR	BAV99 TP ON-SEMI SOT-23 80V 300M	11	D1	D2	D3	D4	D5	D6	D7	D8	D19	D20
					D21									
38	JACK DC POWER	NINEVIEW	1SS184 TP ON-SEMI SOT-23 80V 300M		D13									
39	JACK DC POWER	NINEVIEW	DC POWER JACK -2.5MM	1	J11									
40	PHONE JACK	NINEVIEW	PHONE JACK PJ-325 5PIN STEREO	2	J1	J2								
41	CONNECTOR	ANY	DVI-I 24+5 RIGHT ANGLE (Hexagonal 4.57mm Separation Type)	1	J7									
42	CONNECTOR	AMP	15P D-SUB2.29mm FEMALE RIGHT ANGLE (Hexagonal 4.57mm Separation Type)	1	J10									
43	TRANSISTOR	SAMSUNG	KTA1504S - SOT23	1	Q3									
44	TRANSISTOR	SAMSUNG	KSC1623 - SOT23	2	Q1	Q4								
45	TRANSISTOR	SAMSUNG	2N3904 - SOT23	1	Q2									
46	REGULATOR	ANACHIP,CCM	800mA 1117_1.8V SOT-223	1	U9									
47	REGULATOR	ANACHIP,CCM	1.0A 1117_3.3V SOT-223	1	U8									
48	DIODE, SCHOTTKY	ON SEMICONDUCTOR	MBRS 340(SK34) TP NON 40V 3A	4	D22									
49	WAFER	YEONHO	PH08A 2.0mm STRAIGHT	1	J8									
50	WAFER	YEONHO	SMAW200_04P 2.00mm STRAIGHT	1	J4									
51	WAFER	YEONHO	PH12A 2.0mm STRAIGHT	1	J6									
52	DIODE ZENER	ROHM	UDZ S 5.1B TP SOD323 200MW 5.6V 5MA	5	D14	D15	D16	D17	D18					
53	DIODE ZENER	ROHM	UDZ S 5.6B TP SOD323 200MW 5.6V 5MA	4	D9	D10	D11	D12						
	PCB		MV179 AD BOARD (FR-4 2LAYER 1.6T)											
			product cost											
			other cost											