

LEVEL	DESCRIPTION	SPECIFICATION	QTY	CIRCUIT NO.
*1	ADL-01TA	CHASSIS ASSEMBLY		PHANTOM
**2	DIGITAL RECEIVE			
***3	DTV Board	압록 Board , 3S DIGITAL	1	
***3	SIGNAL CABLE	ANALOG TO DIGITAL CABLE	1	
***3	ZENDER	PAL TO F ADAPTER, ZENDER	1	
***3	SCREW	3*8 WITH WASHER	2	
**2	ADL-01TA – MAIN	PCB ASSEMBLY		PHANTOM
***3	ADL-01TA – MAIN	MANUAL INSERT		PHANTOM
****4	TACK_SW	MST 114-165T	1	SW102
****4	JACK, D_SUB	D_SUB 9P MALE R/A,232 DOWN	1	P712
****4	JACK, D_SUB	D_SUB 15P FEMALE 3ROW R/A, WOORYOUNG	1	JK502
****4	JACK, EAR-PHONE	YEJ-35A16 , YOUSHN	1	P709
****4	JACK, HDMI	51L019S-36EN-A1 HDMI JACK	1	JK501
****4	JACK, OPTICAL	RFT5CC2 (SPDIF 출력)	1	JK701
****4	JACK, S-VIDEO	PSJ-008A	1	JK700
****4	WAFER	SMW200-12P (DIP) , YEONHO	3	P801A,P804A,P806
****4	WAFER	SMW200-13P (DIP) , YEONHO	1	P802
****4	WAFER	SMW200-15P (DIP) , YEONHO	1	P803
****4	WAFER	PIN HEADER 46PIN 2.54 FEMALE	1	P707
****4	ADL-01TA – MAIN	AUTO INSERT		PHANTOM
*****5	AL SMD CAPACITORS	10uF CAN 16V(4X5.4 85℃)	5	C113,C121,C236,C292,C323
*****5	AL SMD CAPACITORS	47uF CAN 16V(6.3X5.4 85℃)	33	C101,C102,C103,C105,C249,C250,C260,C261,C264,C304,C320,C322,C440,C441,C443,C445,C446,C447,C449,C451,C501,C503,C505,C507,C510,C511,C512,C513,C514,C515,C809,C245A,C244A
*****5	AL SMD CAPACITORS	100uF CAN 16V(6.3X5.4 85℃)	9	C243,C245,C246,C252,C256,C713,C806,C810,C817
*****5	AL SMD CAPACITORS	100uF CAN 35V(8X10 85℃)	3	C803,C820,C825
*****5	CHIP ARRAY RESISTOR	22 OHM ARRAY 1/8W 3216 5% (220)	24	AR101,AR102,AR103,AR104,AR105,AR106,AR107,AR201,AR202,AR203,AR204,AR205,AR206,AR301,AR302,AR303,AR304,AR305,AR306,AR307,AR308,AR309,AR311,AR310
*****5	CHIP BEAD	CHIP BEAD 2012 800 (80Ω)	3	L512,L513,L514
*****5	CHIP BEAD	CHIP BEAD 3216 501 (500Ω)	37	L101,L102,L103,L201,L202,L203,L204,L206,L207,L208,L209,L212,L301,L302,L303,L404,L405,L406,L408,L412,L413,L501,L503,L504,L505,L506,L507,L508,L509,L511,L704,L705,R838,R839,L712,L107,L210
*****5	CHIP BEAD	CHIP BEAD 3216 102 (1KΩ)	2	L708,L709
*****5	CHIP CAPACITORS	15pF 50V 10% 1608 R/TP (150)	2	C109,C110

*****5	CHIP CAPACITORS	20pF 50V 10% 1608 R/TP (200)	2	C231,C232
*****5	CHIP CAPACITORS	22pF 50V 10% 1608 R/TP (220)	4	C404,C405,C525,C526,
*****5	CHIP CAPACITORS	27pF 50V 10% 1608 R/TP (270)	1	C297
*****5	CHIP CAPACITORS	100pF 50V 10% 1608 R/TP (101)	2	C453,C454
*****5	CHIP CAPACITORS	180pF 50V 10% 1608 R/TP (181)	2	C718,C719
*****5	CHIP CAPACITORS	270pF 50V 10% 1608 R/TP (271)	3	C225A,C226A,C227A
*****5	CHIP CAPACITORS	2700pF 50V 10% 1608 R/TP (272)	2	C273,C274
*****5	CHIP CAPACITORS	0.01uF 50V 10% 1608 R/TP (103)	3	C301,C710,C720
*****5	CHIP CAPACITORS	0.1uF 50V 20% 1608 R/TP (104)	167	C104,C106,C107,C108,C111,C112,C114,C116,C120,C201,C204,C205,C206,C207,C208,C209,C210,C211,C212,C213,C214,C215,C216,C217,C218,C219,C220,C221,C222,C223,C224,C225,C226,C227,C228,C229,C230,C233,C234,C235,C237,C241,C248,C255,C257,C259,C262,C263,C265,C266,C267,C268,C269,C270,C271,C272,C275,C276,C277,C278,C279,C280,C281,C282,C283,C284,C285,C286,C287,C288,C289,C290,C291,C293,C298,C302,C303,C305,C306,C307,C308,C309,C310,C311,C312,C313,C314,C315,C316,C317,C318,C319,C321,C401,C402,C403,C406,C407,C410,C411,C412,C413,C414,C415,C416,C417,C418,C422,C423,C424,C442,C444,C448,C450,C502,C504,C506,C508,C520,C521,C522,C523,C524,C527,C528,C529,C530,C531,C532,C533,C534,C535,C536,C537,C538,C539,C540,C541,C542,C543,C550,C551,C562,C702,C703,C705,C706,C708,C714,C715,C716,C717,C801,C804,C805,C807,C808,C818,C201A,C202A,C203A,C204A,C205A,C206A,C207A,C208A,C209A
*****5	CHIP CAPACITORS	0.22uF 50V 20% 1608 R/TP (224)	2	C220A,C247A
*****5	CHIP RESISTOR	0 OHM 1/10W 1608 5% D (000)	31	R114,R139,R142,R236,R243,R244,R252,R256,R260,R264,R271,R412,R549,R550,R551,R561,R562,R563,R744,R745,R116A,R117A,R118A,R119A,R124A,R134A,R135A,R842,C222A,C221A, R126A
*****5	CHIP RESISTOR	0 OHM 1/10W 3216 5% D (000)	1	C246A
*****5	CHIP RESISTOR	10 OHM 1/10W 1608 5% D (100)	8	R567,R568,R569,R570,R571,R572,R573,R574
*****5	CHIP RESISTOR	22 OHM 1/10W 1608 5% D (220)	50	R129,R164,R204,R207,R208,R209,R221,R222,R223,R224,R225,R226,R227,R228,R229,R230,R231,R232,R233,R234,R270,R273,R301,R302,R303,R304,R305,R306,R307,R308,R309,R310,R311,R312,R404,R405,R411,R414,R415,R419,R552,R553,R554,R557,R558,R559,R560,R734,R136,R120
*****5	CHIP RESISTOR	51 OHM 1/10W 1608 5% D (510)	2	R313,R314
*****5	CHIP RESISTOR	75 OHM 1/10W 1608 5% D (750)	4	R247,R531,R532,R533
*****5	CHIP RESISTOR	82 OHM 1/10W 1608 5% D (820)	5	R118,R746,R747,R748,R749,

*****5	CHIP RESISTOR	100 OHM 1/10W 1608 5% D (101)	57	R106,R107,R109,R119,R121,R122,R123,R124,R125,R134, R135,R137,R138,R149,R151,R152,R155,R156,R157,R158, R161,R163,R165,R166,R179,R180,R181,R182,R183,R184, R185,R186,R187,R188,R189,R190,R192,R527,R528,R545, R705,R716,R722,R731,R801,R803,R805,R806,R143,R148, R130,R131,R193,R195,R191,R194, R126
*****5	CHIP RESISTOR	180 OHM 1/10W 1608 5% D (181)	1	R750
*****5	CHIP RESISTOR	220 OHM 1/10W 1608 5% D (221)	5	R520,R521,R523,R524,R840
*****5	CHIP RESISTOR	390 OHM 1/10W 1608 5% D (391)	2	R274,R501
*****5	CHIP RESISTOR	470 OHM 1/10W 1608 5% D (471)	1	R813
*****5	CHIP RESISTOR	680 OHM 1/10W 1608 5% D (681)	3	R282,R283, R281
*****5	CHIP RESISTOR	1K OHM 1/10W 1608 5% D (102)	10	R206,R214,R242,R315,R316,R436,R437,R438,R802,R508
*****5	CHIP RESISTOR	2K OHM 1/10W 1608 5% D (202)	7	R423,R425,R426,R512,R703,R704,R814
*****5	CHIP RESISTOR	3.3K OHM 1/10W 1608 5% D (332)	10	R104A,R105A,R129A,R130A,R199,R103A,R177,R137A,R139A, R120A
*****5	CHIP RESISTOR	4.7K OHM 1/10W 1608 5% D (472)	30	R116,R117,R140,R153,R154,R168,R172,R173,R197,R203, R424,R502,R503,R529,R530,R715,R736,R836,R837,R101A, R102A,R108A,R112A,R113A,R131A,R132A,R133A,R105,R136A,R138A
*****5	CHIP RESISTOR	10K OHM 1/10W 1608 5% D (103)	10	R421,R525,R526,R542,R547,R548,R575,R735,R815,R106A
*****5	CHIP RESISTOR	47K OHM 1/10W 1608 5% D (473)	4	R113,R737,R150,R198
*****5	CHIP RESISTOR	470K OHM 1/10W 1608 5% D (474)	2	R702,R723
*****5	CHIP RESISTOR	1M OHM 1/10W 1608 5% D (105)	1	R401
*****5	CRYSTAL	SX-1 10.0000MHZ +/-30ppm 16pF TA	1	X101
*****5	CRYSTAL	SX-1 14.31818MHZ +/-30ppm 16pF TA	2	X201,X501
*****5	CRYSTAL	SX-1 27.0000MHZ +/-30ppm 16pF TA	1	X401
*****5	DIODE	BAV99(KDS226, KEC)SOT-23, high speed switching	12	D501,D502,D503,D504,D505,D506,D507,D508,D509,D510, D513,D514
*****5	DIODE	BAV70(KDS184, KEC)SOT-23, high speed switching	1	D517
*****5	DIODE	ZENER BZT52C5V6S 5.6B, SH, SOD-323	2	ZD701,ZD702
*****5	IC	MST3382M-110	1	IC503
*****5	IC	HY5DU283222AQ-4,4M*32bit	1	IC302
*****5	IC	SVP-EX52,SCAER(256PIN PQFP)/TRIDENT	1	IC205
*****5	IC U-COM	M30620SPGP(100P6S-A),SINGLE-CHIP 16-BIT	1	IC107
*****5	IC VIDEO DECODER	TW9909,Multi-standard Comb Filter Video Processor with RGB Mixing(100PIN PQFP)	1	IC403
*****5	IC	ST232CDR STMicro	1	IC704
*****5	IC MEMORY	24LC01 SOP8 MICROCHIP D-SUB(EDID WRITE)	1	IC505
*****5	IC MEMORY	24LC02 SOP8 MICROCHIP HDM(EDID WRITE)	1	IC507
*****5	IC MEMORY	24LC04 SOP8 MICROCHIP MST WRITE	1	IC506
*****5	IC MEMORY	24LC64 SOP8 MICROCHIP	1	IC104
*****5	IC MEMORY	M29W800DT70N6, TSOP-48 1M*8bit	1	IC102

*****5	IC REG	LD1117S25TR(SOT-223) ,ST	3	IC301,IC402,IC502
*****5	IC REG	LD1117S33TR(SOT-223) ,ST	3	IC101,IC401,IC501
*****5	IC REG	AZ1085H-1.8V,TO-263-3L	1	IC204
*****5	IC REG	AZ1085H-2.5V,TO-263-3L	1	IC202
*****5	IC REG	AZ1085H-3.3V,TO-263-3L	1	IC201
*****5	TR/FET	RK7002T106 ,FET	2	IC108,IC109
*****5	IC	SI4925DY, VISHAY, SO-8, 30V 6.1A	2	IC707,IC803
*****5	IC	74HCT08D SO14 AND-GATE	1	IC504
*****5	IC	KIA7027AF 3P SOT-89 R/TP KEC	1	IC103
*****5	IC COMPONENT SWITCHING	PI5V330 (COMPONENT SWITCH)	1	IC206
*****5	TR/FET	2SC3052,RENESAS(KTC3875S, KEC) SOT-23, switching	5	Q401,Q501,Q701,Q801,Q802
*****5	WAFER	FW12525-30(NON LOCKING), SMD	1	P704
*****5	WAFER	12505WR-04 (SMD) , YEONHO	1	P103
*****5	WAFER	12505WR-05 (SMD) , YEONHO	1	P713
*****5	WAFER	12505WR-08(SMD) , YEONHO	1	P104
*****5	PCB	PCB EPOXY 4 LAYER 230*150	1	MAIN BOARD(QFP TYPE DDR MEMORY)
**2	ADL-01TA -AV	PCB ASSEMBLY		PHANTOM
***3		MANUAL INSERT		PHANTOM
****4	JACK, COMPONENT Y/Pb/Pr	YPJ-06A16 , 2 COMPONENT	1	P910
****4	JACK, AUDIO L_R	YPJ-04A03 , 2 AUDIO L_R	1	P910A
****4	JACK, RCA	RCA JACK , PPJ6063B	2	P903,P908
****4	TUNER	TAUM-W101D	1	TU901
****4	DIODE, FAST RECOVERY	EU1Z/1N4937G	1	D904,
****4	DIODE, FAST RECOVERY	RGJ15J/RU3AM	2	D903,D900
****4	INDUCTOR COIL	100UH (6.0X9.0,5mm Pitch)/0606	1	L914
****4	WAFER	PIN HEADER 46PIN 2.54 MALE	1	P902A
****4	DIP CAPACITORS	100uF/50V STD 85℃	1	C951
****4	DIP CAPACITORS	1000uF/16V STD 85℃	2	C930,C933
****4	DIP CAPACITORS	0.1uF/50V MYLAR	2	C922A,C982A
****4	AUDIO AMP ASSY	TDA 7262 W/HEATSINK		IC949
****4	HEATSINK	HEATSINK FOR TDA7262	1	
****4	AUDIO AMP	TDA7262 (STEREO AMPLIFIER WITH STAND BY)	1	
****4	SCREW	3*8 WITH WASHER	1	
****4	WAFER	SMW200-12P (DIP) , YEONHO	1	P901
****4	WAFER	SMW200-6P (DIP) , YEONHO	1	P902
****4	WAFER	YDM200-16P(DIP) , YEONHO	1	P905A
****4	WAFER	SMW200-10P (DIP) , YEONHO	1	P906

****4	WAFER	SMW250-02P(DIP) , YEONHO	1	P920
****4	WAFER	SMW250-03P(DIP) , YEONHO	2	P911 ,P921
****4	ADL-01TA -AV	AUTO INSERT		PHANTOM
*****5	CHIP RESISTOR	0 OHM 1/10W 1608 5% D (000)	10	R960,R912A,R992A,R906K,R907K,R902A,R904A,R981A,R976,R985
*****5	CHIP RESISTOR	1 OHM 1/10W 1608 5% D (1R0)	2	R967,R968
*****5	CHIP RESISTOR	18 OHM 1/10W 1608 5% D (180)	2	R959,R964
*****5	CHIP RESISTOR	75 OHM 1/10W 1608 5% D (750)	3	R920,R933,R938,
*****5	CHIP RESISTOR	82 OHM 1/10W 1608 5% D (820)	17	R904,R919,R929,R940,R943,R946,R950,R951,R955,R943A, R948A,R967A,R969A,R957,R915K,R916K,R917K
*****5	CHIP RESISTOR	100 OHM 1/10W 1608 5% D (101)	14	R952,R987,R991,R996,R907A,R909A,R929A, R994A,R995A,R997A, R901K,R908K,R909K,R922K
*****5	CHIP RESISTOR	120 OHM 1/10W 3216 5% D (121)	1	R979A
*****5	CHIP RESISTOR	220 OHM 1/10W 1608 5% D (221)	4	R923A,R938A,R959A,R999A
*****5	CHIP RESISTOR	470 OHM 1/10W 1608 5% D (471)	4	R942A,R947A,R964A,R975A
*****5	CHIP RESISTOR	560 OHM 1/10W 1608 5% D (561)	4	R952A,R953A,R971A,R973A
*****5	CHIP RESISTOR	680 OHM 1/10W 1608 5% D (681)	2	R930K,R931K,
*****5	CHIP RESISTOR	750 OHM 1/10W 3216 5% D (751)	1	R980A
*****5	CHIP RESISTOR	1K OHM 1/10W 1608 5% D (102)	35	R903,R914,R922,R923,R928,R931,R934,R947,R953,R954, R973,R975,R981,R906A,R915A,R927A,R930A,R944A,R946A,R954A, R955A,R956A,R957A,R958A,R960A,R961A,R962A,R963A,R965A,R970A, R993A,R902K,R903K,R918K,R920K
*****5	CHIP RESISTOR	1.2K OHM 1/10W 1608 5% D (122)	2	R926,R963
*****5	CHIP RESISTOR	1.5K OHM 1/10W 1608 5% D (152)	2	R965,R976A
*****5	CHIP RESISTOR	2K OHM 1/10W 1608 5% D (202)	1	R905
*****5	CHIP RESISTOR	3.3K OHM 1/10W 1608 5% D (332)	3	R962,R972,R998A
*****5	CHIP RESISTOR	3.9K OHM 1/10W 1608 5% D (392)	2	R901A,R922A
*****5	CHIP RESISTOR	4.7K OHM 1/10W 1608 5% D (472)	5	R980,R903A,R914A,R917A,R998
*****5	CHIP RESISTOR	10K OHM 1/10W 1608 5% D (103)	5	R911 ,R932,R997,R904K,R905K
*****5	CHIP RESISTOR	100K OHM 1/10W 1608 5% D (104)	1	R900K
*****5	CHIP RESISTOR	220K OHM 1/10W 1608 5% D (224)	12	R906,R909,R912,R913,R916,R925,R930,R937,R942,R945, R919K,R921K
*****5	CHIP CAPACITORS	3.3pF 50V 10% 1608 R/TP (010)	2	C966,C916A
*****5	CHIP CAPACITORS	27pF 50V 10% 1608 R/TP (270)	2	C935,C953
*****5	CHIP CAPACITORS	56pF 50V 10% 1608 R/TP (560)	3	C936,C984,C989
*****5	CHIP CAPACITORS	180pF 50V 10% 1608 R/TP (181)	2	C910,C918
*****5	CHIP CAPACITORS	270pF 50V 10% 1608 R/TP (271)	1	C948A
*****5	CHIP CAPACITORS	1000pF 50V 10% 1608 R/TP (102)	4	C907,C912,C922,C927
*****5	CHIP CAPACITORS	4700pF 50V 10% 1608 R/TP (472)	12	C938,C981,C988,C998,C910A,C915A,C960A,C961A,C962A,C963A, C909K,C910K
*****5	CHIP CAPACITORS	0.01uF 50V 10% 1608 R/TP (103)	13	C914,C916,C929,C944,C952,C979,C997,C909A,C913A,C918A, C933K,C912K,C911K

*****5	CHIP CAPACITORS	0.1uF 50V 20% 1608 R/TP (104)	31	C928,C931,C937,C943,C950,C961,C972,C985,C986,C993, C999,C901A,C911A,C920A,C937A,C938A,C939A,C940A,C942A,C943A, C944A,C945A,C946A,C947A,C907K,C908K,C953K,C991A,C922K,C992A, C925A
*****5	CHIP CAPACITORS	0.22uF 50V 20% 1608 R/TP (224)	4	C942,C945,C915K,C914K
*****5	CHIP CAPACITORS	0.47uF 25V 20% 1608 R/TP (474)	10	C967,C904A,C905A,C934A,C964A,C965A,C900K,C901K,C902K,C903K,
*****5	AL SMD CAPACITORS	4.7uF CAN 50V(5X5.4 85℃)	4	C926,C940,C905K,C906K
*****5	AL SMD CAPACITORS	10uF CAN 16V(4X5.4 85℃)	12	C964,C974,C977,C987,C991,C994, C912A,C923A,C924A,C935A,C966A,C904K
*****5	AL SMD CAPACITORS	47uF CAN 16V(6.3X5.4 85℃)	5	C941,C921K,C954K,C913K,C920K
*****5	AL SMD CAPACITORS	100uF CAN 16V(6.3X5.4 85℃)	9	C921,C959,C965,C907A,C914A,C919A,C933A,C960,C953A
*****5	AL SMD CAPACITORS	220uF CAN 16V(8X10 85℃)	5	C946,C949,C984A,C983A,C979A
*****5	CHIP INDUCTOR	3.3uH Inductor 50mA 2012 20%	4	L902,L909,L912,L913
*****5	CHIP BEAD	CHIP BEAD 3216 102 (1KΩ)	2	L901,L904
*****5	CHIP BEAD	CHIP BEAD 3216 501 (500Ω)	12	L903,L908,L916,L917,L921,L922,L927,L928,L910,L924, L925,L937
*****5	TR/FET	2SC3052,RENESAS(KTC3875S, KEC) SOT-23, switch	8	Q905,Q912,Q915,Q916,Q917,Q918,Q919,Q920
*****5	TR/FET	2SA1235A,RENESAS(KTA1504S, KEC) SOT-23, switc	4	Q910,Q911,Q914,Q921
*****5	DIODE	BAV99(KDS226, KEC)SOT-23, high speed switching	2	D905,D913
*****5	CRYSTAL	SX-1 18.432MHZ +/-30ppm 16pF	1	X901
*****5	IC AMP	TDA7050T	1	IC952
*****5	IC Voltage Detector	KIA7042AF 3P SOT-89 R/TP KEC	1	IC904
*****5	IC REG	KIA7806AF 2P DPAK R/TP KEC	1	IC906
*****5	IC REG	AZ1084-ADJE1	1	IC905
*****5	IC REG	LD1117S33TR(SOT-223) , ST	1	IC923
*****5	IC FET	RK7002	1	IC924
*****5	IC COMPONENT SWITCHING	PI5V330 (COMPONENT SWITCH)	1	IC910
*****5	IC Sound Processor	MSP4450K PQFP80 TRAY MICRONAS	1	IC908
*****5	IC STEPUP REG	BA6161F, SOP 8, ROHM KOREA	1	IC901
*****5	IC VIDEO/AUDIO SWITCHING	CXA2069,PGFP 80 , SONY	1	IC917
*****5	PCB	PCB EPOXY 4 LAYER 235*160	1	ATSC – AV BOARD W/7262