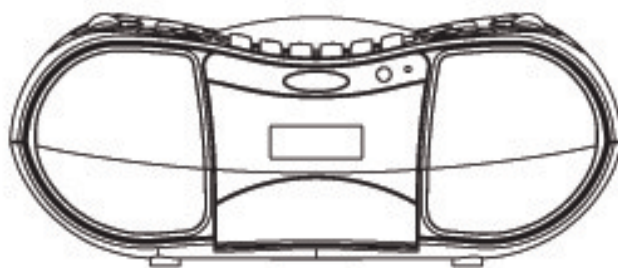


Service Manual

Portable CD/MP3 Player

TP-501G



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No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name: Test Conditions: 1. Supply Voltage: 230 V AC 50 Hz 12V DC 2. Reference Output: 50 mW 3. Load Impedance : 8 Ohm

BAND: AM

NO .	ITEMS		Measurement Conditions	UNIT	NOMINAL	LIMIT
1	Frequency Range	LOW END HIGH END	According to FTZ Regulation without AFC	KHz KHz	520 1650	±10 ±25
2	Maximum Sensitivity(-6dB S/N)	600 KHz 1000 KHz 1400 KHz	MOD.=30% Vol Control to MAX. Position Measure Urf for Ref. Output Power	dB dB dB	78 78 78	82 82 82
3	Useable Sensitivity 20dB S/N	600 KHz 1000 KHz 1400 KHz	MOD. =30% AF=1000Hz Vol Control to Ref. Output Measure Urf for (S + N)/N=20dB	dB dB dB	84 84 84	88 88 88
4	Dial Calibration Error (Pointer at Centre of Silk- Screening Scale)	ALL BAND	According to FTZ Regulation without AFC	KHz	±25	±40
5	Signal to Noise Ratio (100dB)	1000 KHz	Urf=100dB AF =1000Hz MOD. =30% Vol Control to Ref. Output	dB	35	30
6	IF Frequency	600 KHz	Input IF= 455/465 Signal at 600KHz Point Adjust High-Frequency/Signal to Let SP Output be MAX. and Distortion Be MIN., It is IF	KHz	455/465	±5
7	IF Rejection	600 KHz	AF =1000Hz MOD. =30% Input Freq. 455 KHz IF Adjust Freq.	dB	50	40
8	Image Rejection	1400 KHz	AF =1000Hz MOD. =30% Input Freq. 1400KHz+2 IF Adjust Freq.	dB	40	30
9	Adjacent Channel Attenuation ±10KHz	1000 KHz	AF =1000Hz MOD. =30% Ref. Sensitivity 20dB S/N	dB	15	10
10	Bandwidth +6dB	1000 KHz	MAX. Sens. +6dB Nf △ +/- Freq.	KHz	5	12
11	AGC Figure of Merit (126 dB)	1000 KHz	Urf=126dB Vol Control to Ref. output Reduce input Level to Let SP Output be -10dB	dB	40	30
12	Whistle Modulation (TWEET) (86 dB)	930 KHz	Urf=86dB Vol Control to Ref. output unwanted AF change input Freq.	dB	15	10
13	Modulation Hum (126 dB)	1000 KHz	AC Supply Voltage Urf=126dB Vol control to Ref. output unwanted AF	dB	-40	-35
14	Random Noise Max Volume	ALL BAND	Without Signal Blocking Vol Control For MAX.	(Rms)mV	80	150
15	Audio Frequency 6dB (100 dB)	1000 KHz	Urf=100dB AF =Input Measure Lower and Upper Limit 6dB Ref. to 1KHz(0dB)SP 150/2K5	dB	0	±6
16	Distortion (100 dB)	1000 KHz	Urf=100dB AF =1000Hz Volume Control to Ref. Output,MOD.=30%	%	2	4

No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name:

Test Conditions:

1. Supply Voltage: 230 V AC 50 Hz 12V DC

2. Reference Output: 50 mW

3. Load Impedance : 8 Ohm

BAND: AM

NO.	ITEMS		Measurement Conditions	UNIT	NOMINAL	LIMIT
17	MAX. Distortion (100 dB)	1000 KHz	Urf=100dB AF =1000Hz MOD. =80% Vol MAX. Measure Urf for Ref. Output Power	%	20	30
18	10% THD Output Power (100 dB)	1000 KHz	Urf=100dB AF =1000Hz MOD. =80%	mW	1500	1200
19	Overload Distortion (126 dB)	1000 KHz	Urf=126dB AF =1000Hz Volume Control to Ref. Output	%	4	6
20	MAX. Output Power (100 dB)	1000 KHz	Urf=100dB AF =1000Hz MOD.=80% Vol MAX. Measure Urf for Ref. Output Power	mW	2000	1500
21	Oscillation Drop Voltage (120 dB)	600/1400 KHz	Urf=100dB AF =1000Hz MOD.=30% DC Supply Voltage Change DC Voltage	V	7	8.4
22	AC Operation Voltage Range			V	230	±10%
23	Record /Play Back	Level	Urf=100dB AF=1000Hz MOD.= 30% (MTT-112B Volume Control to Ref. Output)	dB	/	/
		Distortion	Urf=100dB AF=1000Hz MOD.=30% 1000KHz Pilot Volume Control to Ref. Output AC Bias	%	/	/

No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name: Test Conditions: 1. Supply Voltage: 230 V AC 50 Hz 12V DC 2. Reference Output: 50 mW 3. Load Impedance : 8 Ohm

BAND: FM/EUROPE

NO.	ITEMS	Measurement Conditions	UNIT	NOMINAL	LIMIT
1	Frequency Range Manual PLL	According to FTZ Regulations	MHz	63.5	±0.5
			MHz	108.5	±0.5
			MHz	/	/
			MHz	/	/
2	Maximum Sensitivity	Vol Control to MAX. Position, Measure Urf for Ref. Output Power	68 MHz	12	20
			86 MHz	12	20
			104 MHz	12	20
3	Quieting Sensitivity @ 30dB S/N	Vol Control to Ref. Output Power, Measure MIN. Urf for (S+N)/N=30dB	68 MHz	16	25
			86 MHz	16	25
			104 MHz	16	25
4	Auto Scanning Stop Sensitivity	Record MIN. Urf for Auto Tuning Stop	68 MHz	/	/
			86 MHz	/	/
			104 MHz	/	/
5	Search Frequency Error/Dial Calibration	Pointer at Centre of Silk Screening Scale, Measure Maximum Sensitivity Manual	MHz	±0.5	±1
		PLL	MHz	/	/
6	Stereo Led Lighting Sensitivity	86 MHz Input Urf DEV. 67.5KHz+7.5KHz=75KHz 86MHz Pilot ,Measure MIN. Urf for Switching	dB	16	25
7	Channel Separation	86 MHz Input 1mv Urf. MOD. 67.5+7.5=75KHz 86MHz Pilot, R=1KHz L=0 And R=0 L=1KHz, Measure Output Level R/L And L/R	dB	25	22
8	Signal to Noise Ratio	86 MHz Urf=1mV MOD.=22.5KHz 86MHz Pilot, Vol Control to Ref. Output Measure (S+N)/N, Measure With DC Supply	dB	50	40
9	IF Frequency	68 MHz Input Urf=1mV 68MHz,Scan to Lock It Control Vol to Ref., Frequency to 10.7MHz and Add Input Urf Level to Ref Output. Adj. Input Urf Frequency When Output Distortion Is MIN., Record In Put Frequency	MHz	10.7	±0.1
10	IF Rejection Ratio	68MHz MOD.=22.5KHz,Adj. Urf for (S+N)/N=30dB, Measure Ratio of Urf for F1 to IF for The Same Output, F1=68MHz	dB	60	50
11	Image Rejection Ratio	104 MHz DEV.=22.5KHz,Adj. Urf for (S+N)/N=30dB, Measure Ratio of Urf for F1 To F2= F1+2*1 F for The Same Output, F1=104MHz	dB	25	15
12	FM Stereo signal to Noise Ratio	86MHz In put urf.75KHz 98MHz Pilot W/O Signal Adjust to Eixternal Position	dB	/	/

No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name:

Test Conditions:

1. Supply Voltage: 230 V AC 50 Hz 12V DC

2. Reference Output: 50 mW

3. Load Impedance : 8 Ohm

BAND: FM/EUROPE

NO .	ITEMS		Measurement Conditions	UNIT	NOMINAL	LIMIT
13	Limiting Sensitivity	86 MHz	Input Urf=1mV Vol Control to Ref. Output Power, Measure MIN. Urf for Output Decrease -3dB	dB	20	30
14	AFC Holding Range (60 dB)	86 MHz	Urf=1mV, Measure Range for Output -3dB, Difference to Center Frequency, Record to outband (+△f)+(-△f)	KHz	450	±100
15	Am Suppression	86 MHz	Urf=1mV DEV.=22.5KHz 1KHz Out =Ref. Output, Change to 30% Am Mod. (1KHz), Measure The Output Level: Ref. Output / Am Mod. Output	dB	40	30
16	Modulation Hum	86 MHz	Urf=1mV AF =22.5KHz 98MHz Pilot, Vol Control to Ref. Output Measure (S+N)/N, Measure With AC Supply	dB	-38	-30
17	Random Noise	All Band	No Input Vol =MAX. Measure Noise Level	(Rms) mV	100	500
18	Frequency Response	86 MHz	Urf=1mV Eq= Centre BASS BOOST= OFF Stereo LED OFF	125Hz	0	±6
				4k	0	±6
19	Distortion	86 MHz	Urf=1mV, MOD.=22.5KHz AF=1KHz,Volume Control Vol to Ref. Output, Measure Distortion	%	0.9	2
20	MAX. Distortion	86 MHz	Urf=1mV, MOD.=75KHz AF=1KHz,Volume=MAX. Measure Output Power	%	20	30
21	10% THD Output Power	86 MHz	Urf=1mV MOD.=75KHz 1KHz, Control Vol to10% THD, Measure Output Power	mW	1500	1200
22	Maximum Output Power 75KHz (60 dB)	86 MHz	Urf=1mV MOD.=75KHz 1KHz, Vol= MAX. Measure Output Power	mW	2000	1500
23	Overload Distortion 100 mV (100 dB)	86 MHz	Urf=100 mV(100dB) MOD.=75KHz, Vol=Ref. Output	%	4	6
24	Oscillation Drop Voltage	68/104 MHz	Urf=1 mV MOD.=22.5KHz, Vol= Ref. Output Measure Limit Low Supply Osc Stop Voltage	V	/	/
25	Channel Balance	ALL BAND	Urf=1mV DEV.=22.5KHz Vol = MIN. to MAX.	dB	/	/
26	Record Playback	Level	Urf=1mV DEV.= 22.5KHz VS MTT-112B 1KHz AC Bias DC Bias☑	dB	/	/
		Distortion		%	/	/
				%	6	10

No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name: Test Conditions: 1. Supply Voltage: 230 V AC 50 Hz 12V DC 2. Reference Output: 50 mW 3. Load Impedance : 8 Ohm

BAND: TAPE PLAYBACK

NO.	ITEMS		Measurement Conditions	UNIT	NOMINAL		LIMIT	
1	Tape Speed	Normal High	TCC-112 Volume Control to Ref. Output		3000		+3%/-2%	
2	Wow & Flutter	WTD WOW FLUTTER	TCC-112 Volume Control to Ref. Output	%	0.2		0.35	
					0.2		0.3	
					0.3		0.6	
3	Playback Frequency Response	125 KHz 1 KHz 6.3 KHz	TCC-181A Volume Control to Ref. Output Ref. 1KHz=0dB	dB	0		±3	
					0		0	
					0		±3	
4	Cassette Torque	Play Fast Fwd Rewind		gm/cm	45		30	
					75		60	
					75		60	
5	Signal to Noise Ratio	MTT-112B	MTT-112B Volume Control to Ref. Output VS NO Signal Tape	dB	50		45	
6	Channel Separation TCC-194	TCC-194	TCC-194 Volume Control to Ref. Output	dB	35		30	
7	Track Crosstalk TCC-192	TCC-192	TCC-192 Volume Control to Ref. Output	dB	40		30	
8	Channel Balance	MTT-121N	MTT-121N Volume Control to Ref. Output	dB	0		3	
9	Minimum Volume Hum & Noise		Volume Control to MIN.(Rms /P-PV)	mV	1	5	3	10
10	Maximum Volume Hum & Noise		Volume Control to MAX. (Rms /P-PV)	mV	15	30	25	150
11	Maximum Volume Distortion	MTT-112B	MTT-112B Volume Control to MAX.	%	20		25	
12	Distortion	MTT-118N	MTT-118N Volume Control to Ref. Output	%	1		2	
13	10% THD Output Power SPK	MTT-112B	MTT-112B Adjust Volume Up Down to Measure 10% THD SP	mW	1500		1200	
14	Maximum Output Power SPK	MTT-112B	MTT-112B Volume Control to MAX.	mW	2000		1500	
15	10% THD Output Power(HP)	MTT-112B	MTT-112B Volume to MAX.	mW	25		18	
16	Current Consumption at 10%THD	MTT-112B	MTT-112B Adjust Volume Up Down to Measure 10% THD SP	mA	/		/	
17	Fast Forward/Rewind Time(C60)	Blank Tape	C60	SEC	160		180	

No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name: Test Conditions: 1. Supply Voltage: 230 V AC 50 Hz 12V DC 2. Reference Output: 50 mW 3. Load Impedance : 8 Ohm

BAND: TAPE PLAYBACK

NO.	ITEMS		Measurement Conditions	UNIT	NOMINAL	LIMIT
18	Record/Playback	S/N	MIC I/P S.G. 1KHz X@ MIC SENS. +30dB VS NO SIGNAL AC Bias	dB	/	40
		THD	@ MIC I/P SENS	%	/	2
		ERASE RATIO	WITH 1KHz BPF AC Bias	dB	/	/
19	DC Operation Voltage Range		DC Supply Voltage Change DC Voltage	V	6.5	8
20	AC Operation Voltage Range		AC 120V	%		±10
21	Record MIC Sensitivity	1 KHz	Input Level In dB Recording /Play to Tape -5dB	dB	-50	±3
22	Record MIC ALC	1 KHz	Input Level In dB Ref. Record MIC Sensitivity +30dB	dB	+3	< 5dB
23	Record MIC FREQ	125KHz 6K3	@ 1KHz MIC MAX. Sens. (-66dB I/P)	dB		±6
				dB		±6
24	Record MIC ALC Recovering Time		1KHz MIC MAX. Sens./60 S' VS +30dB/ 60 S' VS MAX. Sens. /60 S' MIC MAX. Sens. Set to dB Recover 90% of Output Time	Sec	15	10
25	AC Bias Oscillation Freq.	Beat 0	VTVM +(x10 Probe) Measure the OSC Coil High-END Side	KHz	75	±2
		Beat 1		KHz	85	±2
26	AC Bias Voltage	Pos 0		Vrms	36	±2
		Pos 1		Vrms	38	±2
27	MAX. Distortion	MTT-112B	MT-112B Volume = MAX. Measure Output Power	%	20	30
28	Level Differences to Din Tape=0 dB (MTT-112B) VS Set to 0dB	FM	FM Urf=1mV AF=1000Hz MOD.=75KHz 98MHz	dB	0	±3
		AM	AM Urf=100dB AF=1000Hz MOD.=80% 1000KHz	dB	0	±3
		CD	CD -0dB TCD-784 NO.2	dB	+2	±3

No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name: Test Conditions: 1. Supply Voltage: 230 V AC 50 Hz 12V DC 2. Reference Output: 50 mW 3. Load Impedance : 8 Ohm

BAND: CD PLAYER

NO.	ITEMS			Measurement Conditions	UNIT	NOMINAL	LIMIT
1	TCD-725	Interruption:		Volume Control to MAX.	mm	0.8	0.6
		Black Dots:			mm	0.8	0.6
		Fingerprints:			um	ψ75	ψ65
2	SRC-444A					/	/
3	TCD-712 Eccentric	The 1st Song and		Volume Control to MAX.		OK	OK
	TCD-731 Verticac Deviation	The Last Song					
4	TCD-784	Total Access Time of Toc			SEC.	3-4	5
		Intervals Between Songs			SEC.	1-2	2
		Search Time From The Last Track to The 1st Track			SEC.	6-7	10
		MAX. Distortion	1KHz 0dB	Volume Control MAX. EQ ON	%	20	30
		MAX. O/P	1KHz 0dB	Volume Control to MAX.	mW	2000	1500
		10% THD O/P	1KHz 0dB	Adjust Volume Up Down to 10% THD O/P	mW	1500	1200
		Nominal Distortion	1KHz 0dB	Volume Control to Ref. Out Up	%	2	3
		Bass Boost ON	100Hz	Volume Control to Ref. Out Up	dB	10	6
		S/N Ratio 1KHz	L: R:	Ref. TCD-784 Track 7	dB dB	50 50	45
		Frequency Response	20 Hz	TCD-784 Ref. 1KHz=0dB Track 2 、 3、 4、 5 、 6	dB	-10	-16
			100 Hz		dB	±3	±5
			1 KHz		dB	0	0
			10 KHz		dB	±3	±5
			20 KHz		dB	-5	-10
		Channel Balance			dB	0	3
		Channel Separation(Bass Boost Off)	1 KHz	TCD-784 Track 8 、 9、 10、 11	dB	50 50	40
			10 KHz		dB	L:40 R:40	35 35

No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer:: DAT

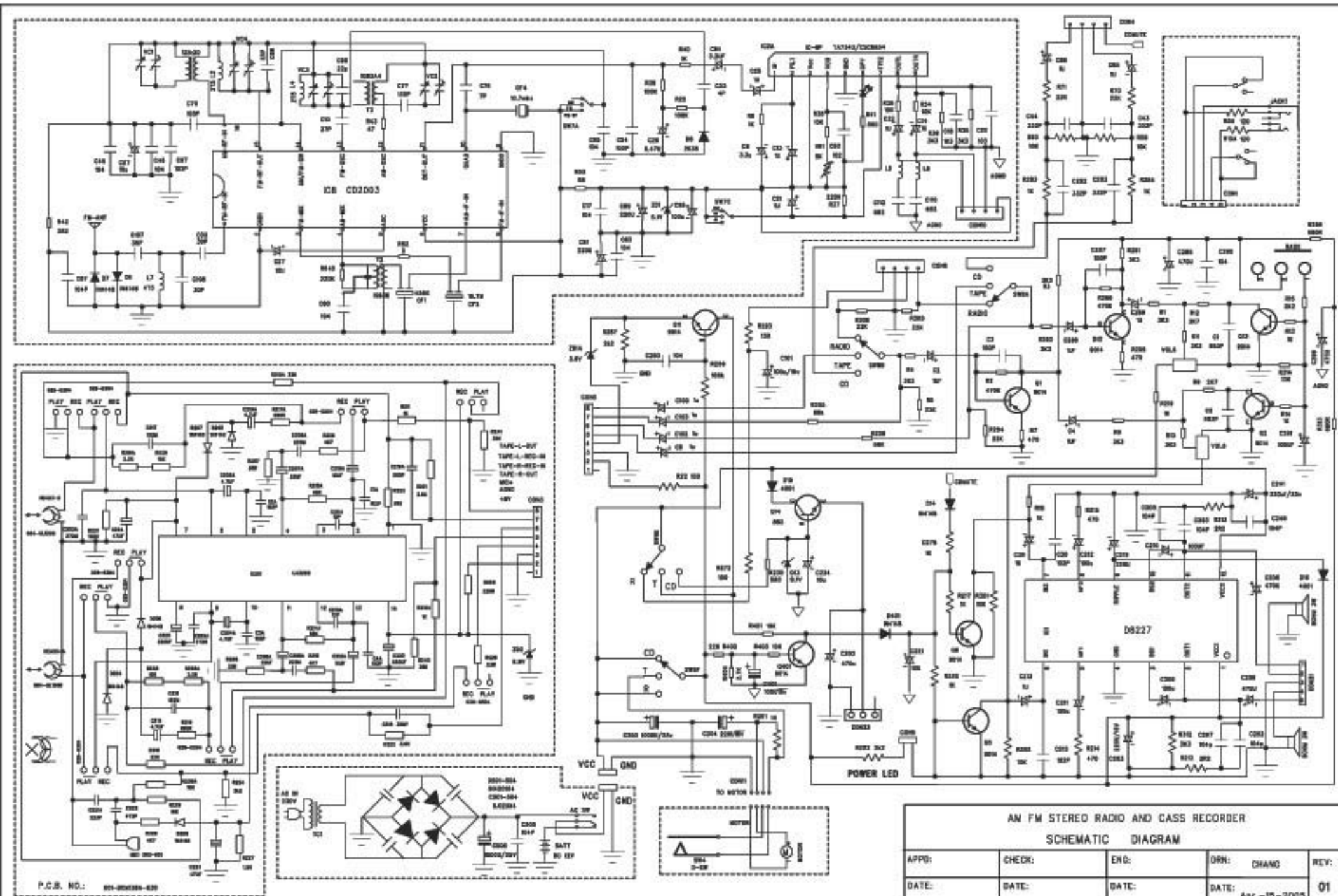
Model: TP-501G

Description: AM/FM STEREO RADIO & CD /MP3 PLAYER

Customer's Name: Test Conditions: 1. Supply Voltage: 230 V AC 50 Hz 12V DC 2. Reference Output: 50 mW 3. Load Impedance : 8 Ohm

BAND: CD PLAYER

NO.	ITEMS			Measurement Conditions	UNIT	NOMINAL		LIMIT	
5	Transformer: DC 12V	MAX. Hum/Noise		TCD-784 Track 7	Rms/Pp v	3	15	5	30
		MIN. Hum/Noise		TCD-784 Track 2	Rms/Pp v	1	6	2	10
		AC Power Consumption	1 KHz 0dB	VR AT A/F Power Output 10% THD	mA	/		/	
6	Battery	Starting Current			mA	/		/	
		Normal Working Current	1 KHz		mA	/		/	
7	Record Playback	Level		1KHz -10dB VS MTT-112B	dB	/		/	
		Distortion		1KHz -10dB Volume Control to Ref. Output	%	5		10	
8	Record/Playback Frequency Response CD-784	100Hz		TCD-784 Record/Playback Volume Control to Ref. Output Measure 1KHz=0dB	dB	±3		±8	
		1KHz			dB	0		0	
		10KHz			dB	-16		-20	
9	Record/Playback S/N Ratio	1 KHz		TCD-784 Record/Playback Volume Control to Ref. Output VS No Signal AC Bias	dB	25		18	
10	Fall Out Voltage	1KHz			V	7		8.4	



AM FM STEREO RADIO AND CASS RECORDER					
SCHEMATIC DIAGRAM					
APPD:	CHECK:	ENG:	DRN:	CHANG	REV:
DATE:	DATE:	DATE:	DATE:	Apr.-15-2003	01
					A4

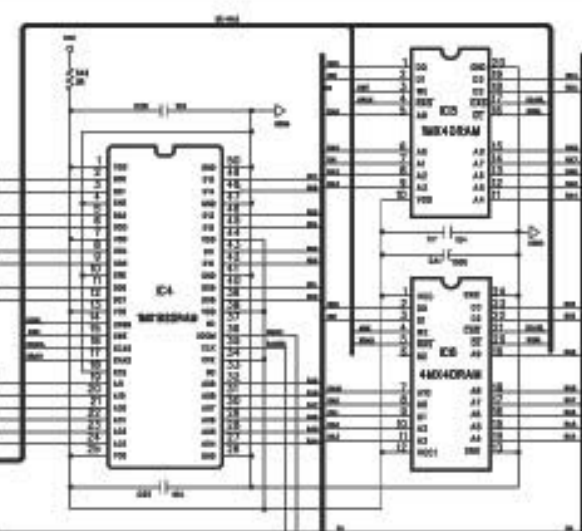
A2484 BX MP3 Main Board

MIN CODE SELECT	
	MS
INTERNAL	1
EXTERNAL	0

	NO1	NO2
NO1	0	0
NO2	0	1

	W1	W2	W3
BRAM0 0-1023	1	0	0
BRAM1 0-1023	0	1	0
BRAM2 0-1023	1	1	0

	PORT1	PORT2
ET700B	1	0
ET700E	1	2
A200B	0	0
etc. etc.	0	0



1998-1999 年中国人口统计年鉴 - 续 3

7732 SCHEMATIC AM FM STEREO RADIO AND CASSETTE RECORDER
SCHEMATIC DIAGRAM

WFO:	DEB:	ENG:	CRM: L200	REV:
SAFE:	SAFE:	DATE:	DATE: 2000-08-2000	Q:

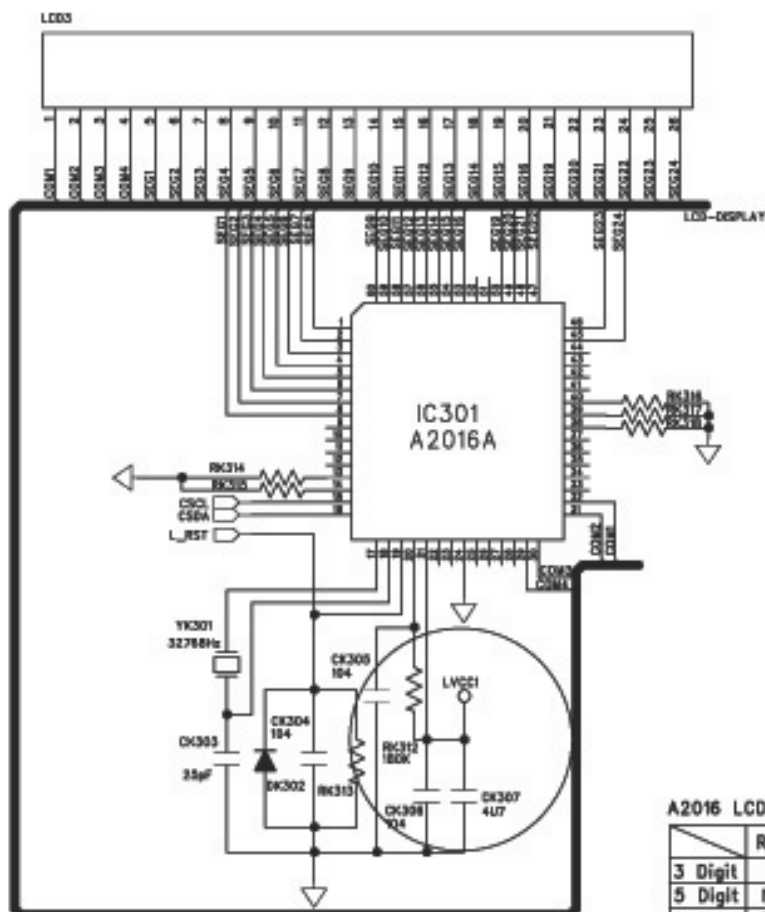
NGAI UK ELECTRONICS Co., LTD

44

To avoid switch noise,

	R502	R510	R520	R531	R536	R555	R566
ET7085	0	0P0H	0P0H	0P0H	0P0H	0P0H	0P0H
ET7086	0P0H	220	0P0H	0P0H	0P0H	0P0H	220
ET7088	0P0H	220	100	100	100	0	220
ET7089	0	0P0H	100	100	100	0P0H	0P0H

A2016 PANEL for A2484



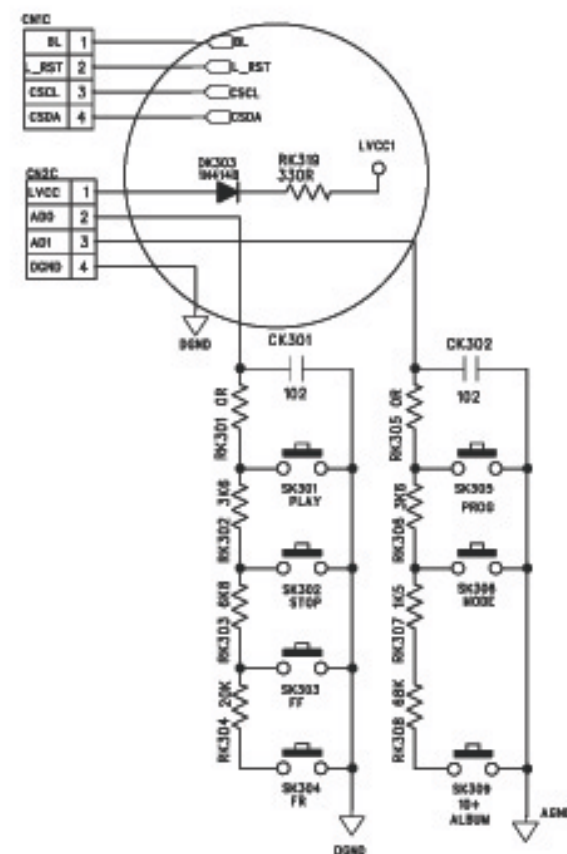
A2016 LCD Digit Option

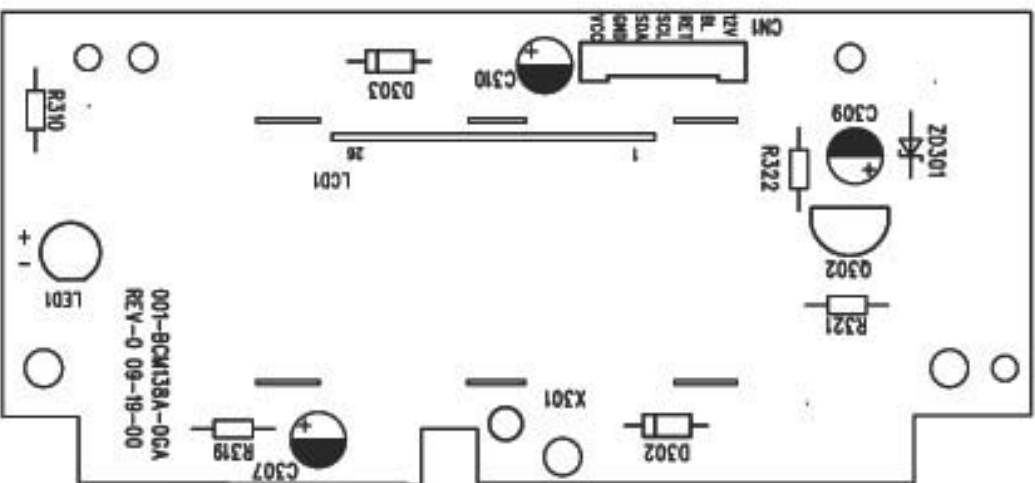
	R316	R317	R318
3 Digit	0	NC	NC
5 Digit	NC	0	NC
9 Digit	NC	NC	NC

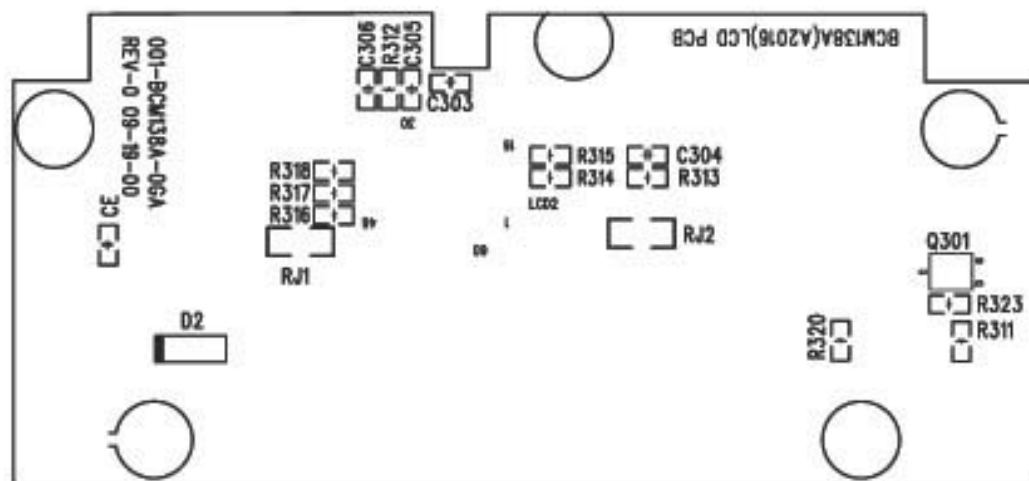
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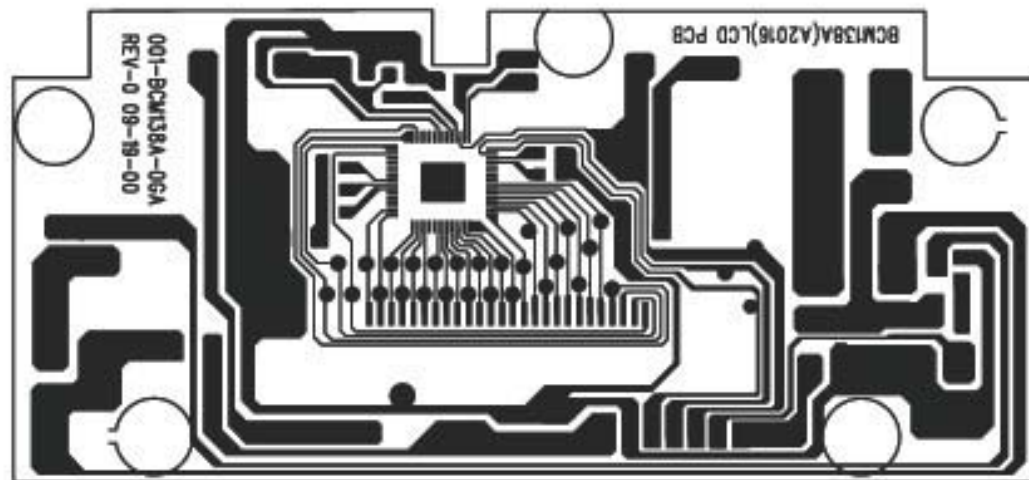
NOTE:subject to change without notice for improvement

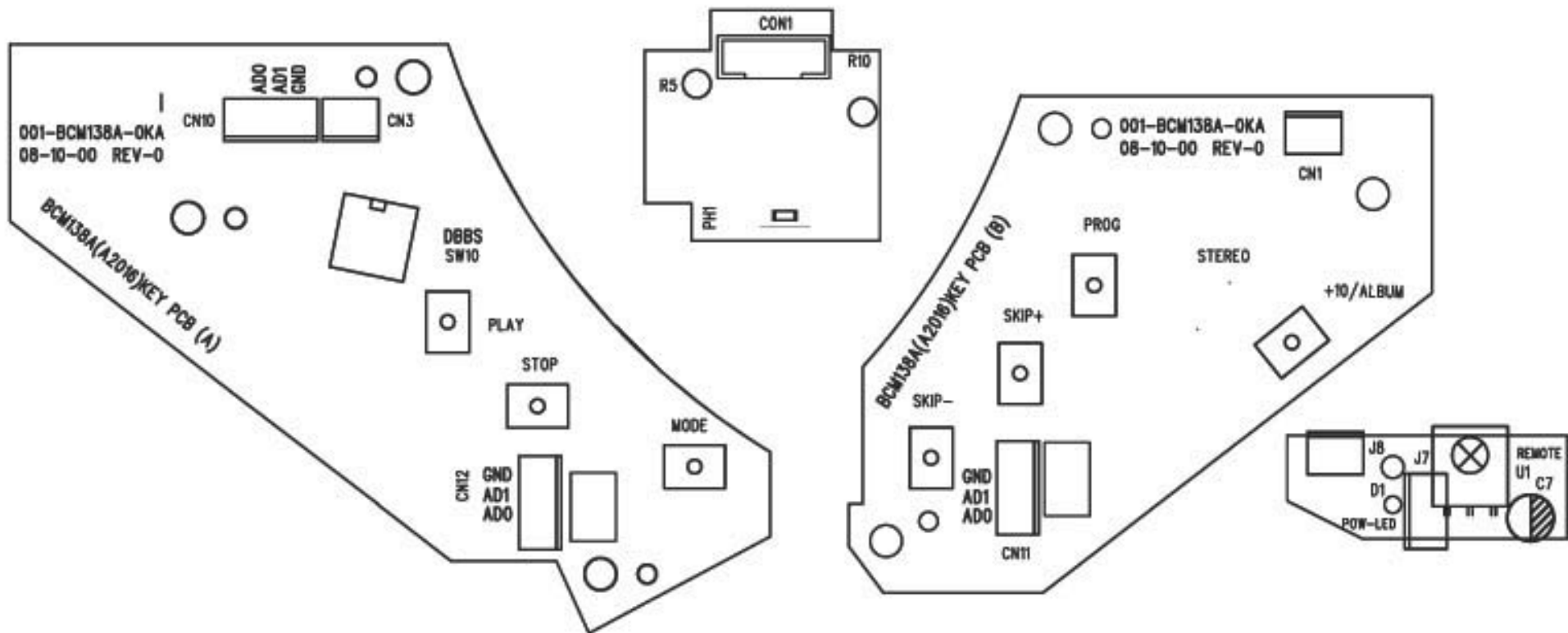
Note:LVCC1 = 4.0 ~ 4.2 V

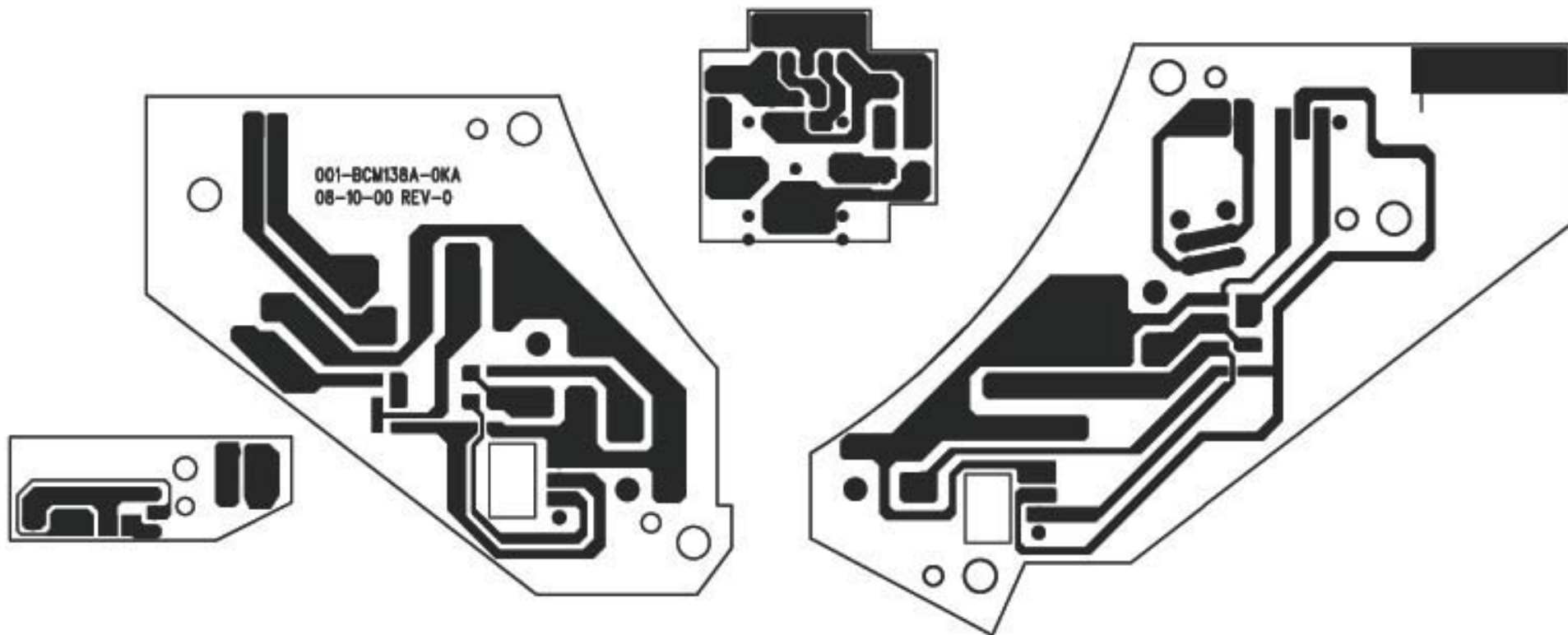


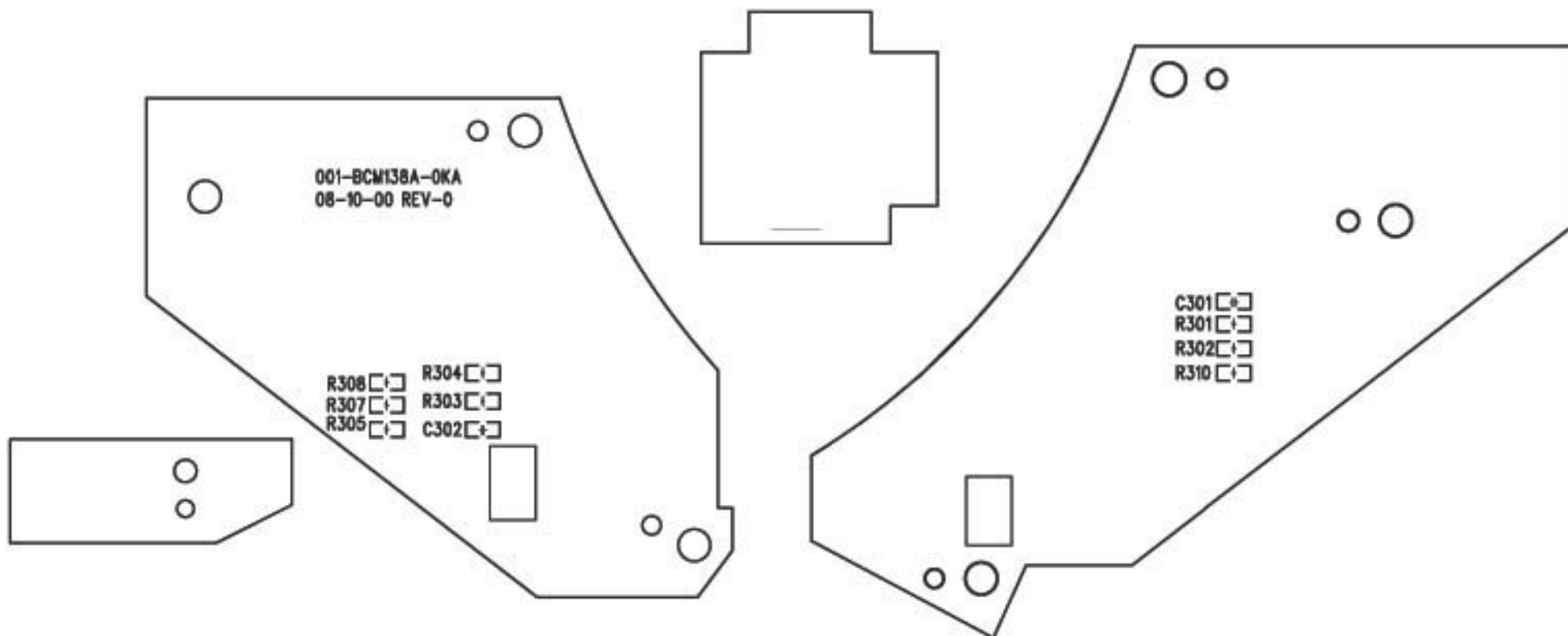


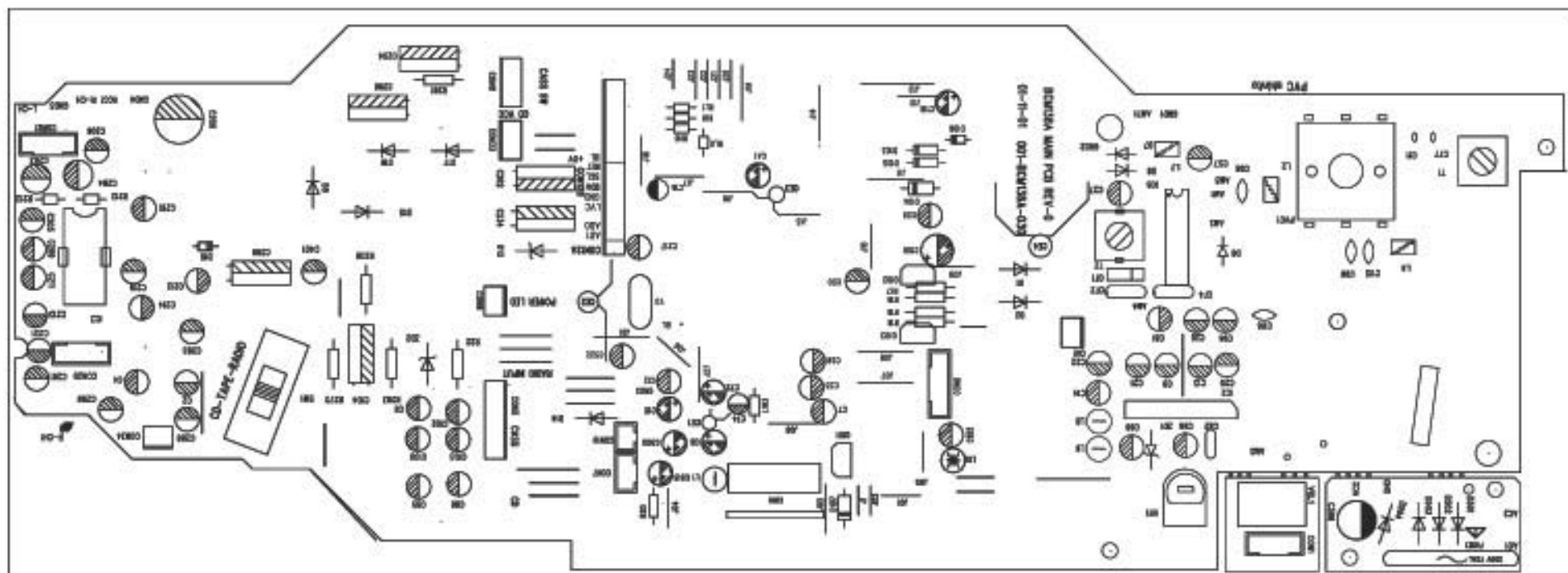


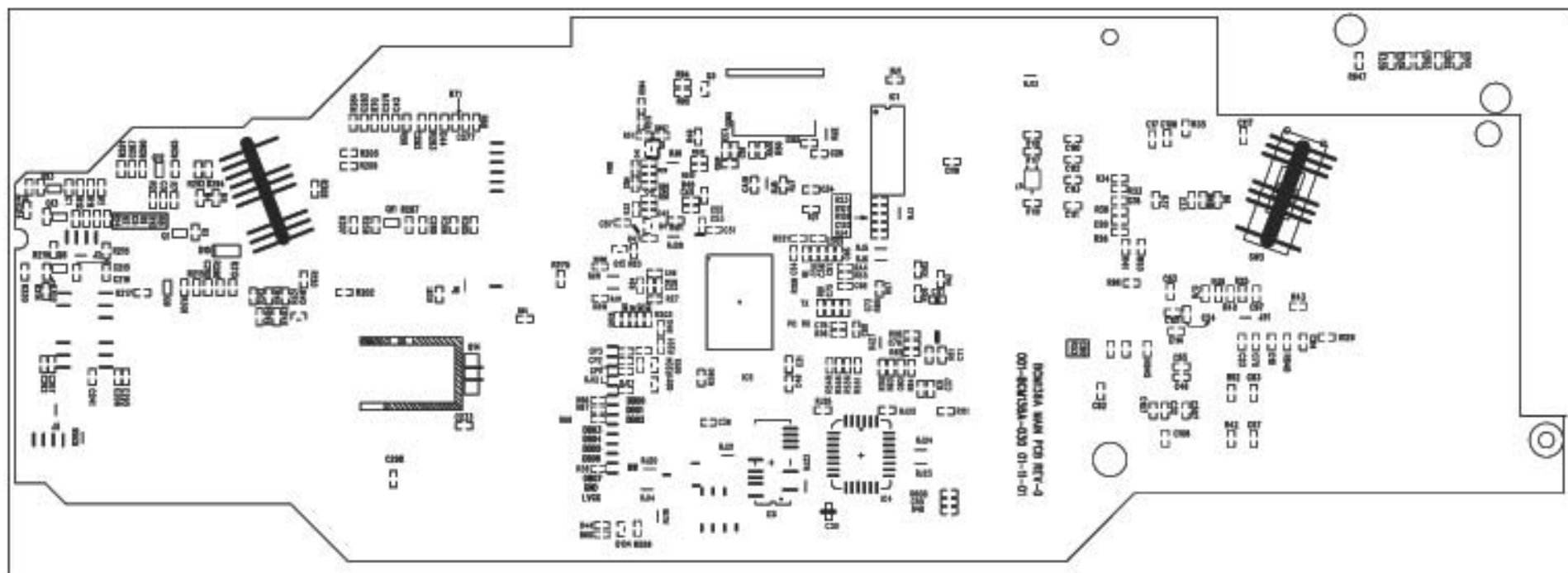


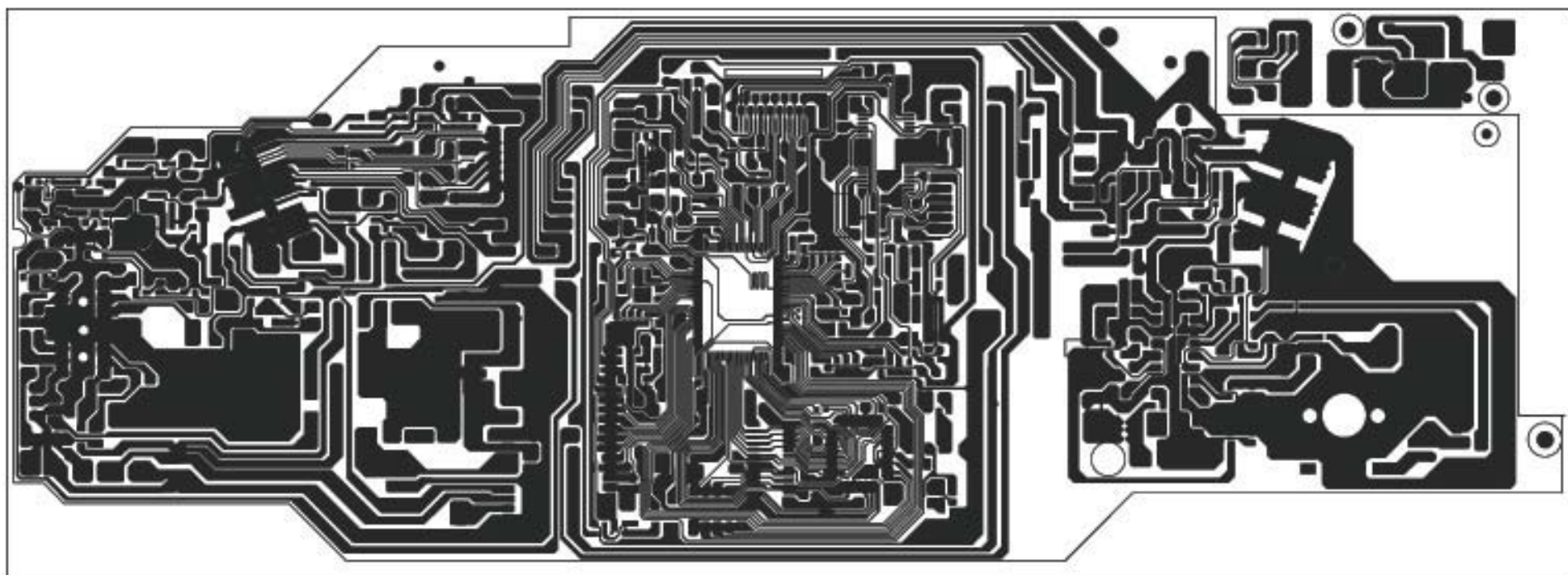












DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A501

Status : MP(量產)

Description : 全球線路 CD MPEG+MP3+WMA (NOR) DA11V

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	003-03906-006	TRANSISTOR 2N3906 TO-92 (PNP TYPE)	1	pc	Q1
2	004-35-010	CHOCK COIL 10 UH +/-10% PK0455S-10uH (V)4x5.6mm	4	pcs	L2,L5,L8,L10
3	010-CD192-01M	HEATSINK (METAL) CDR192A FOR M-DRIVER	1	pc	1/FOR U2 D9258 IC
4	012-A1057-006	ELECT. CAP. 1 MFD 50V +/-20%	1	pc	C25
5	012-A1067-003	ELECT. CAP. 10 MFD 16V +/-20%	6	pcs	C3,C8,C13,C26,C28,C52
6	012-A1077-003	ELECT. CAP. 100 MFD 16V +/-20% (5x11)	5	pcs	C4,C9,C11,C12,C31
7	012-A2277-002	ELECT. CAP. 220 MFD 10V +/-20% (6x12)	1	pc	C17
8	012-A4757-002	ELECT. CAP. 4.7 MFD 10V +/-20% (5x11)	1	pc	C51
9	012-A4767-002	ELECT. CAP. 47 MFD 10V +/-20%	3	pcs	C21,C22,C30
10	012-A4777-002	ELECT. CAP. 470 MFD 10V +/-20% (6x12)	1	pc	C6
11	021-700	DIODE ZENER 5.1V 1/2W DO-35 BZX55C5V1	1	pc	D7
12	021-Z0022	DIODE ZENER 2.2V	1	pc	D4
13	021-Z0027	DIODE ZENER 2.7V 0.5W	1	pc	D2
14	024-16.934MHz	RESONATOR CERAMIC 16.934MHZ 2PIN	1	pc	Y1
15	046-02S-P2	Connector 2 Pin Socket (Pitch=2mm)	1	pc	J6
16	046-03S-E	Connector 3 Pin Socket (E-TYPE) P=2.5MM TJC3-nA	1	pc	J2
17	046-03S-P2	Connector 3 Pin Socket (Pitch=2mm)	1	pc	J8
18	046-04S-P2	Connector 4 Pin Socket (Pitch=2mm)	1	pc	J3
19	046-06S-P2	Connector 6 Pin Socket (Pitch=2mm)	3	pcs	J1,J7,J9
20	046-16SH-P1	Connector 16 Pin Socket (P=1mm) 1.0-2C- 16WS (Black)	1	pc	CDM200

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A502

Description : 全球線路 CD MPEG+MP3+WMA (SMT) DA11V

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	001-UTM1800A-0MP	P.C.B UTM1800A CD/MP3/WMA MPEG GSL88303 D-SIDE BOARD	1	pc	
2	002-00324-S15	I.C. LM324SO SOP-14 20V	1	pc	U7
3	002-02752-000	I.C. CE2752 SOIC-14 STEREO AUDIO DAC	1	pc	U1
4	002-09258-053	I.C. D9258 4-CH MOTOR DRIVER	1	pc	U2
5	002-37020-0C5	I.C. SST37VF020-70-3G-NH PLCC	1	pc	U10
6	002-51181-064	I.C. HY5118154B	1	pc	U5
7	002-74H04-200	I.C. 74HCU04D PHILIPS	2	pcs	U3,4
8	002-88303-070	I.C. GSL88303 MP3/WMA DSP (XIN)	1	pc	U8
9	003-00114-135	CHIP TRANSISTOR DTC114TE	4	pcs	Q4,6,7,8
10	003-00114-T36	CHIP TRANSISTOR DTA114TKA PNP SC-59	7	pcs	Q2,5,10,11,12,13,14
11	003-08050-000	CHIP TRANSISTOR MMT8050 SOT- 23 NPN	1	pc	Q3
12	003-08550-054	CHIP TRANSISTOR MMT8550C SOT- 23 PNP	1	pc	Q9
13	005-O000B-027	CHIP RESISTOR 0 OHM (0805) +/-5%	1	pc	U11
14	005-S000B-013	CHIP RESISTOR 0 OHM (0603) +/-5% 1/16W	12	pcs	L1,L4,L6,L7,L9,L14,L15,L 200,L201,L202,L203 R122
15	005-S100B-013	CHIP RESISTOR 10 OHM (0603) +/- 5% 1/16W	3	pcs	R43,62,200
16	005-S101B-013	CHIP RESISTOR 100 OHM (0603) +/- 5% 1/16W	14	pcs	R14,R24,R35,R49,R64,R11 2,R113,R114,R115,R128,R 206,R214,R215,R216
17	005-S102B-013	CHIP RESISTOR 1 K (0603) +/-5% 1/16W	21	pcs	R2,R3,R4,R5,R6,R7,R8,R1 3,R38,R51,R89,R90,R130, R131,R132,R133,R134,R1 35,R218,R219,R220
18	005-S103B-013	CHIP RESISTOR 10 K (0603) +/-5% 1/16W	22	pcs	R12,R15,R21,R22,R26,R33 ,R34,R36,R40,R42,R46,R4 7,R48,R60,R66,R78,R92,R 108,R109,R111,R136,R217
19	005-S104B-013	CHIP RESISTOR 100K (0603) +/-5% 1/16W	11	pcs	R9,16,29,32,44,68,70,74,75 ,80,81
20	005-S152B-013	CHIP RESISTOR 1.5K (0603) +/-5% 1/16W	3	pcs	R85,211,212
21	005-S153B-013	CHIP RESISTOR 15K (0603) +/-5% 1/16W	5	pcs	R50,52,63,65,69
22	005-S154B-013	CHIP RESISTOR 150K (0603) +/-5% 1/16W	1	pc	R213

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A502

Description : 全球線路 CD MPEG+MP3+WMA (SMT) DA11V

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
23	005-S182B-013	CHIP RESISTOR 1.8K (0603) +/-5% 1/16W	1	pc	R204
24	005-S220B-013	CHIP RESISTOR 22 OHM (0603) +/-5% 1/16W	3	pcs	R101,102,103
25	005-S222B-013	CHIP RESISTOR 2.2K (0603) +/-5% 1/16W	1	pc	R37
26	005-S223B-013	CHIP RESISTOR 22K (0603) +/-5% 1/16W	1	pc	R45
27	005-S273B-013	CHIP RESISTOR 27K (0603) +/-5% 1/16W	3	pcs	R30,R87,R88
28	005-S332B-013	CHIP RESISTOR 3.3K (0603) +/-5% 1/16W	6	pcs	R28,57,58,59,72,73
29	005-S333B-013	CHIP RESISTOR 33K (0603) +/-5% 1/16W	7	pcs	R23,25,67,207,208,209,210
30	005-S391B-013	CHIP RESISTOR 390 OHM (0603) +/-5% 1/16W	1	pc	R10
31	005-S392B-013	CHIP RESISTOR 3.9 K (0603) +/-5% 1/16W	7	pcs	R77,79,84,94,97,98,99
32	005-S472B-013	CHIP RESISTOR 4.7K (0603) +/-5% 1/16W	9	pcs	R11,R20,R39,R71,R76,R82,R83,R106,R110
33	005-S473B-013	CHIP RESISTOR 47K (0603) +/-5% 1/16W	1	pc	R86
34	005-S562B-013	CHIP RESISTOR 5.6K (0603) +/-5% 1/16W	3	pcs	R18,19,27
35	005-S682B-013	CHIP RESISTOR 6.8K (0603) +/-5% 1/16W	2	pcs	R53,54
36	005-S752B-013	CHIP RESISTOR 7.5K (0603) +/-5% 1/16W	4	pcs	R91,R95 R100,105
37	005-S820B-013	CHIP RESISTOR 82 OHM (0603) +/-5% 1/16W	1	pc	R17
38	005-S821B-013	CHIP RESISTOR 820 OHM (0603) +/-5% 1/16W	1	pc	R41
39	005-S822B-013	CHIP RESISTOR 8.2K (0603) +/-5% 1/16W	3	pcs	R31,55,56
40	016-S0501-006	CHIP CAPACITOR 5 PF 50V (0603) +/-0.25PF NPO	1	pc	C36
41	016-S1005-006	CHIP CAPACITOR 10 PF 50V (0603) +/-0.25PF NPO	1	pc	C43

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A502

Description : 全球線路 CD MPEG+MP3+WMA (SMT) DA11V

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No.	Item Code	Description	Qty	Unit	Location
42	016-S1015-006	CHIP CAPACITOR 100 PF 50V (0603) +/-5% NPO	1	pc	C53
43	016-S1026-006	CHIP CAPACITOR 0.001UF 50V (0603) +/-10%	4	pcs	C40,44,46,48
44	016-S1036-006	CHIP CAPACITOR 0.01UF 50V (0603) +/-10%	7	pcs	C14,32,39,202,223,224,225
45	016-S1046-004	CHIP CAPACITOR 0.1 UF 25V (0603) +/-10%	34	pcs	C1,C15,C16,C18,C19,C27, C33,C35,C38,C50,C54,C55 ,C57,C58,C61,C62,C63,C2 00,C201,C203,C205,C207, C208,C209,C210,C211,C2 12,C213,C214,C217,C219, C220,C221,C222
46	016-S1205-006	CHIP CAPACITOR 12 PF 50V (0603) +/-5%	1	pc	C216
47	016-S2205-006	CHIP CAPACITOR 22 PF 50V (0603) +/-5%	1	pc	C218
48	016-S2226-006	CHIP CAPACITOR 0.0022UF 50V (0603) +/-10% X7R	7	pcs	C5,10,41,42,45,47,59
49	016-S3005-006	CHIP CAPACITOR 30 PF 50V (0603) +/-5% NP	2	pcs	C20,37
50	016-S3916-006	CHIP CAPACITOR 390 PF (0603) +/-	1	pc	C23
51	016-S3926-006	CHIP CAPACITOR 0.0039 UF (0603) +/-10% 5	2	pcs	C49,60
52	016-S4726-006	CHIP CAPACITOR 0.0047UF 50V (0603) +/-10	1	pc	C29
53	016-S4746-002	CHIP CAPACITOR 0.47 UF 10V (0603) +/-10%	4	pcs	C34,56,204,206
54	016-S6826-006	CHIP CAPACITOR 6800 PF 50V (0603) +/-10%	2	pcs	C2,7
55	021-005-S	DIODE LL4148 (SMT)	3	pcs	D1,3,5
56	021-DAP222	SMT SWITCHING DIODE ARRAYS DAP222	1	pc	D6

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A201

Description : LCD (NOR) BOARD HT1621 IC

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Status : MP(量産)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	003-08050-014	TRANSISTOR S8050 TO-92	1	pc	Q1
2	006-BCM138A-01	LCD DISPLAY 48X23X2MM	1	pc	
3	009-26-018-P1	HEATSEAL CONNECTOR 26 PIN x 18MM PITCH=1MM	1	pc	1/LCD-LCD PCB
4	012-C1067-002	ELECT. CAP. MINI 10 MFD 10V +/- 20% (4x7)	2	pcs	C3,4
5	021-005	DIODE IN4148	1	pc	D4
6	021-200	DIODE ZENER 4.7V 0.5W	1	pc	D6
7	022-003O	Led Lamp 2x3mm FT-384SOC-Y	1	pc	(1/背光燈 D2)
8	036-00CD3-UL06W2-P2	6 PIN WIRE 350MMx6 UL2651 28AWG P=2MM Hx1 CD3	1	pc	1/LCD DISPALY PCB CN4-MPEG PCB J7
9	053-CDM303A-01	FILTER PLATE CDM303A-206	1	pc	1/濾光紙
10	054-CDM303A-01	REFLECT PLATE 63.0x19.8x0.2MM CDM303A-205	1	pc	1/反光片
11	077-CDM303A-01	SILVER PLATE 148x3MM CDM303A-204	1	pc	1/錫鉑紙
12	077-DH801-02	SILVER PLATE (B) DH801-209	1	pc	1/反光紙
13	078-BCX125B-02	LCD BRACKET BCX125B-202	1	pc	

Model No : TP-501G

Part No : BCM138AR-A202

Description : LCD (SMT) BOARD HT1621 IC

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Status : MP(量産)

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No.	Item Code	Description	Qty	Unit	Location
1	001-BCM138A-0GN	P.C.B BCM138A LCD DISPLAY GSL88303 S-SIDE REV-0	1	pc	
2	003-08050-000	CHIP TRANSISTOR MMT8050 SOT-23 NPN	1	pc	Q2
3	005-S020B-013	CHIP RESISTOR 2 OHM (0603) +/-5% 1/16W	2	pcs	J1,4
4	005-S101B-013	CHIP RESISTOR 100 OHM (0603) +/-5% 1/16W	4	pcs	R4,6,8,9
5	005-S102B-013	CHIP RESISTOR 1 K (0603) +/-5% 1/16W	2	pcs	R5,R7
6	005-S123B-013	CHIP RESISTOR 12K (0603) +/-5% 1/16W	1	pc	R1
7	005-S222B-013	CHIP RESISTOR 2.2K (0603) +/-5% 1/16W	1	pc	R2
8	005-S272B-013	CHIP RESISTOR 2.7K (0603) +/-5% 1/16W	1	pc	R3
9	016-S1046-004	CHIP CAPACITOR 0.1 UF 25V (0603) +/-10%	2	pcs	C6,102

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TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A203

Description : LCD (BONDING) BOARD HT1621 IC

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Status : MP(量産)

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No.	Item Code	Description	Qty	Unit	Location
1	002-01621-000	I.C. ET1621 DIE LCD DRIVER	1	pc	

Model No : TP-501G

Part No : BCM138AR-A001

Description : AF-S (NOR) BOARD CD2003GP IC

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Status : MP(量産)

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No.	Item Code	Description	Qty	Unit	Location
1	002-02003-G53	I.C. CD2003GP AM/FM RADIO	1	pc	IC8
2	002-08854-030	I.C. CSC8854	1	pc	IC2
3	004-3-1000	CHOCK COIL 10 MH +/-10% (4.5x6mm) (V)	2	pcs	L8,9
4	007-101083A4	I.F.T. 10MM 1083A4 (Red)	1	pc	T1
5	007-101083B	I.F.T. 10MM 1083B (Yellow)	1	pc	
6	011-A0308-020	CERAMIC CAP. 3 PF 63V +/-20/50%	1	pc	C99
7	012-A1057-006	ELECT. CAP. 1 MFD 50V +/-20%	5	pcs	C13,14,21,22,25
8	012-A1067-003	ELECT. CAP. 10 MFD 16V +/-20%	2	pcs	C27,57
9	012-A1077-002	ELECT. CAP. 100 MFD 10V +/-20% (5x11)	1	pc	C96
10	012-A1087-004	ELECT. CAP. 1000 MFD 25V +/-20% (10x18)	1	pc	C506
11	012-A2277-002	ELECT. CAP. 220 MFD 10V +/-20% (6x12)	2	pcs	C69,81
12	012-A3357-003	ELECT. CAP. 3.3 MFD 16V +/-20% (5x11)	2	pcs	C9,94
13	012-A4747-006	ELECT. CAP. 0.47 MFD 50V +/-20% (5x11)	1	pc	C26
14	013-A1026-000	MYLAR CAP. 0.001 UF +/-10%	1	pc	C82
15	017-51355	Ferrite Bar 5x13x55mm	1	pc	
16	018-05-02	BAR HOLDER 5MM (5X12.5)	2	pcs	
17	019-01R	CERAMIC FILTER LT10.7MA5A (RED) 10.7MA5A 3 PIN	1	pc	CF2
18	019-10.7M-03	CERAMIC FILTER JT10.7MG3A (RED) 2 PIN	1	pc	CF4
19	019-20	CERAMIC FILTER SFU465B	1	pc	CF1
20	021-005	DIODE IN4148	2	pcs	D6,7
21	021-2638	DIODE AFC/SEL IS2638	1	pc	D8
22	021-5391	DIODE IN5391 DO-15	4	pcs	D501,502,503,504
23	021-700	DIODE ZENER 5.1V 1/2W DO-35 BZX55C5V1	1	pc	ZD1

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TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A001

Description : AF-S (NOR) BOARD CD2003GP IC

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No.	Item Code	Description	Qty	Unit	Location
24	023-00231-105W	P.V.C. AM/FM CBM-443DF-1DF SHINTO 120-220gf.cm (W05)	1	pc	
25	025-005K3	SEMI FIXED 5K OHM 3 PIN +,-20%	1	pc	VR1
26	029-1243	SLIDE SWITCH SS-43D07LT-01	1	pc	SW3
27	033-125-20-120	AM COIL 125:20 (0.10x1) L=120MM @11MM	1	pc	
28	035-4545-01	FM Coil 4.5mm x 4 1/2T	1	pc	L7
29	035-5025-01	FM Coil 5mm x 2 1/2T	1	pc	L4
30	035-5035-01	FM Coil 5mm x 3 1/2T	1	pc	L2
31	046-02S-P2	Connector 2 Pin Socket (Pitch=2mm)	1	pc	CN1
32	046-04S-P2	Connector 4 Pin Socket (Pitch=2mm)	1	pc	CN10
33	051-NPO020	CERAMIC NPO CAP. 20 PF +/-0.5%	1	pc	C99
34	051-NPO025	CERAMIC NPO CAP. 25 PF +/-0.5%	1	pc	C98
35	051-NPO150	CERAMIC NPO CAP. 150 PF +/-0.5%	1	pc	C77

Model No : TP-501G

Part No : BCM138AR-A002

Description : AF-S (SMT) BOARD CD2003GP IC

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Status : MP(量産)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	001-BCM138A-001	P.C.B BCM138A AM/FM+AC+VOL S- SIDE BOARD REV-0	1	pc	
2	005-B000B-027	CHIP RESISTOR 0 ohm (1206) +/-5%	1	pc	J51
3	005-S000B-013	CHIP RESISTOR 0 OHM (0603) +/-5% 1/16W	5	pcs	R1,R52,R92,R646,R648
4	005-S102B-013	CHIP RESISTOR 1 K (0603) +/-5%	2	pcs	R6,40
5	005-S103B-013	CHIP RESISTOR 10 K (0603) +/-5% 1/16W	3	pcs	R26,34,35
6	005-S104B-013	CHIP RESISTOR 100K (0603) +/-5% 1/16W	2	pcs	R25,39
7	005-S224B-013	CHIP RESISTOR 220K (0603) +/-5% 1/16W	3	pcs	R37,645
8	005-S22XB-013	CHIP RESISTOR 2.2 OHM (0603) +/- 5% 1/16W	1	pc	R42
9	005-S332B-013	CHIP RESISTOR 3.3K (0603) +/-5% 1/16W	3	pcs	R33,R36,R339
10	005-S470B-013	CHIP RESISTOR 47 OHM (0603) +/- 5% 1/16W	1	pc	R43

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TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A002

Description : AF-S (SMT) BOARD CD2003GP IC

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No.	Item Code	Description	Qty	Unit	Location
11	005-S680B-013	CHIP RESISTOR 68 OHM (0603) +/- 5% 1/16W	1	pc	R53
12	005-S681B-013	CHIP RESISTOR 680 OHM (0603) +/- 5% 1/16W	1	pc	R41
13	016-S0401-006	CHIP CAPACITOR 4 PF 50V (0603) +/-0.25PF NPO	1	pc	C23
14	016-S1026-006	CHIP CAPACITOR 0.001UF 50V (0603) +/-10%	1	pc	C114
15	016-S1036-006	CHIP CAPACITOR 0.01UF 50V (0603) +/-10%	3	pcs	C18,20,70
16	016-S1046-004	CHIP CAPACITOR 0.1 UF 25V (0603) +/-10%	8	pcs	C17,C33,C46,C63,C65,C67,C80,C101
17	016-S2236-006	CHIP CAPACITOR 0.022 UF (0603) +/-10%	4	pcs	C501,C502,C503,C504
18	016-S2705-006	CHIP CAPACITOR 27 PF 50V (0603) +/-5%	1	pc	C10
19	016-S3005-006	CHIP CAPACITOR 30 PF 50V (0603) +/-5% NP	3	pcs	C32,106,107
20	016-S5626-006	CHIP CAPACITOR 0.0056 UF 50V (0603) +/-1	2	pcs	C110,112

Model No : TP-501G

Part No : BCM138AR-A204

Description : KEY BOARD

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Status : MP(量産)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	001-BCM138A-0KN	P.C.B BCM138A KEY GSL88303 S-SIDE BOARD REV-0	1	pc	
2	012-C1067-003	ELECT. CAP. MINI 10 MFD 16V +/- 20% (4x7) -50:c/+105:c (M)	1	pc	C7
3	022-002GL	Led Lamp 3mm (Green) L=28mm	1	pc	1/ST LED
4	022-002RL	Led Lamp 3mm (Red) L=28mm	1	pc	1/POWER LED
5	024-TSOP18	INFRARED RECEIVR MODULE	1	pc	遙控接收頭
6	029-0166	BAND SWITCH PBS-2201	1	pc	
7	029-0621	TACT SWITCH TS-00104 A	7	pcs	
8	036-0036-UL02W1-P2	2 Pin Wire 200mmx2 UL1007#26 (Hx1) P=2MM CD36	1	pc	1/KEY PCB CN1-RADIO PCB CN1 FOR FM ST
9	036-CD102-UL03W-P2	3 PIN WIRE 250MMx3 UL2651 28AWG (Hx1) P=2MM CD102A	1	pc	1/KEY PCB-MPEG PCB J8
10	036-DVD508-UL04W	4 PIN WIRE 250MM*4 UL2651#28 (H*0) DVD508	1	pc	1/KEY PCB J2-J3
11	036-HT651-UL06W1-P2	6 PIN WIRE 170MM*6 UL2651#26 (Hx1) P=2MMHTR651	1	pc	1/KEY PCB CN2-MPEG PCB J9

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TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A301

Description : RECORDING (NOR) BOARD ST

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Status : MP(量産)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	002-03220-H12	I.C. HWCAT LA3220 2 CH EQUALIZER AMP	1	pc	U201
2	005-C151B-023	RESISTOR 150 OHM 1/4W +/-5%	1	pc	R225
3	005-C390B-023	RESISTOR 39 OHM 1/4W +/-5%	2	pcs	R207,208
4	011-A1028-020	CERAMIC CAP. 0.001 UF 63V +/-	2	pcs	C218,219
5	011-A1048-010	CERAMIC CAP. 0.1 UF 63V +/-	1	pc	C222
6	011-A2008-020	CERAMIC CAP. 20 PF 63V +/-	2	pcs	C210,211
7	011-A2238-030	CERAMIC CAP. 0.022 UF 63V +/-	1	pc	C221
8	012-A1067-002	ELECT. CAP. 10 MFD 10V +/-20% 5x11mm	2	pcs	C212,213
9	012-A2267-002	ELECT. CAP. 22 MFD 10V +/-20%	2	pcs	C206,207
10	012-A2277-002	ELECT. CAP. 220 MFD 10V +/-20% (6x12)	2	pcs	C201,220
11	012-A3347-006	ELECT. CAP. 0.33 MFD 50V +/-20% (5x11)	2	pcs	C239,240
12	012-A3357-006	ELECT. CAP. 3.3 MFD 50V +/-20% (5x11)	2	pcs	C227,238
13	012-A4757-002	ELECT. CAP. 4.7 MFD 10V +/-20% (5x11)	4	pcs	C204,205,214,215
14	012-A4767-002	ELECT. CAP. 47 MFD 10V +/-20%	3	pcs	C223,224,225
15	013-A2226-000	MYLAR CAP. 0.0022 UF +/-10%	2	pcs	C216,217
16	013-A2236-000	MYLAR CAP. 0.022 UF +/-10%	2	pcs	C208,209
17	013-A2726-000	MYLAR CAP. 0.0027 UF +/-10%	2	pcs	C202,203
18	021-005	DIODE IN4148	4	pcs	D202,D203,D204,D205
19	021-300	DIODE ZENER 6.8V	1	pc	D1
20	029-0304	PUSH SWITCH PS922	1	pc	SW201
21	036-CD210-UL07W-P2	7 PIN WIRE 220MMx7 UL2651#28 (Hx1) P=2MMCD210	1	pc	1/REC PCB CON3- POWER PCB CON11
22	046-03S-E	Connector 3 Pin Socket (E-TYPE) P=2.5MM TJC3-nA	1	pc	CN404
23	060-001	Condenser Mic -60+/-2Db @9.7mm.	1	pc	
24	084-UL150	Shield Wire 150mm (Single) UL1533 28AWG	1	pc	1/REC PCB-MIC

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138A-B101

Description : MECHANISM 全球線路+DA11V DECK

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	009-16-061SW	FFC CABLE 16 Pin x 61mm	1	pc	1/主板CN1到CD機芯
2	029-038	MICRO SWITCH LS-323	1	pc	1/CD SWITCH
3	036-0036-UL06W3-P2	6 Pin Wire 150MMx6 UL1571#28 (Hx2) P=2mmCD-36	1	pc	1/CD板J1到CD機芯
4	036-CD190-UL02W-P2	2 PIN WIRE 150MM UL1007#26 (Hx1) P=2MMCDR190A	1	pc	1/MAIN PCB CN105-CD SWITCH
5	056-D192S	CD MECHANISM DA11V SANYO	1	pc	
6	061-30	MAGNET RING (4 POLES) 16x30x5mm 160g	1	pc	1/FOR CD DECK
7	073-0CDTL-SONY-3J	CD CUSHION FOR TOP LOADING SONY (RED) SW-02-A658 HARDNESS=30 (J)	2	pcs	2/FOR CD DECK
8	073-0CDTL-SONY-4J	CD CUSHION FOR TOP LOADING SONY (GREEN) SW-02-B658 HARDNESS=40 (J)	2	pcs	2/FOR CD DECK
9	074-12-007	Metal Washer 12x3.3x0.8mm	4	pcs	4/CD DECK
10	078-05383-02	CHUCK HOLD PLATE A JS5383-202	1	pc	1/FOR CD COVER
11	081-PA 212	Screw P2x12A	1	pc	1/CD SWITCH
12	081-PA 26	Screw P2x6A	1	pc	1/FOR CD DECK
13	081-PA 310	Screw P3x10A	4	pcs	4/打CD機板
14	081-WA 210	Screw W2x10A	4	pcs	4/FOR CD DECK
15	081-WA 310	Screw W3x10A	1	pc	1/CD GEAR
16	087-BCX125E-01	CD DOOR SPRING @1.0 BCX125E-	1	pc	
17	087-CD157A-02	OPEN KNOB SPRING CD157A	2	pcs	

Model No : TP-501G

Part No : BCM138AR-A401

Description : RMX0101B REMOTE CD (NOR) 4 KEYS PT2222 IC

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	003-09014-C10	TRANSISTOR 9014C CS TO-92	1	pc	Q1
2	005-C100B-023	RESISTOR 10 OHM 1/4W +/-5%	1	pc	R1
3	005-C182B-013	RESISTOR 1.8 K 1/16W +/-5%	1	pc	11/BATT B (+)-BATT C
4	011-A1048-010	CERAMIC CAP. 0.1 UF 63V +/-	1	pc	C2
5	011-A2018-020	CERAMIC CAP. 200 PF 63V 20/50%	2	pcs	C3,4
6	012-C4767-002	ELECT. CAP. MINI 47 MFD 10V +/-20% (4x7) -50:C/+105:C	1	pc	C1
7	021-303A-C	DIODE SE INFRARED @5MM 303A-C/EL-1L3	1	pc	D1

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138AR-A401

Description : RMX0101B REMOTE CD (NOR) 4 KEYS PT2222 IC

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
8	024-CSB455E	CERAMIC RESONATOR CSB455E	1	pc	
9	073-CD100-01	RUBBER KEYS (4-KEYS: STOP/PLAY/DOWN/UP) CD100	1	pc	
10	078-PR99-03	Battery Plate + PR99/100	1	pc	
11	078-PR99-05B	Battery Contact +,- PR99/100	1	pc	
12	081-PA 176	Screw P1.7x6A	2	pcs	2/REMOTE
13	081-PA 24	Screw P2x4A	1	pc	1/REMOTE
14	081-PA 38	Screw P3x8A	1	pc	1/FOR REMOTE HEAD
15	082-UL70BK	Jumper Wire (UL1571#28) 70mm Black	1	pc	1/BATT (-)
16	082-UL70R	Jumper Wire (UL1571#28) 70mm Red	1	pc	1/BATT (+)
17	087-0PR99-01	Battery Spring - PR99/100	1	pc	

Model No : TP-501G

Part No : BCM138AR-A402

Description : RMX0101B REMOTE CD (BONDING) 4 KEYS

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	001-CD155-0U7	P.C.B CD155 REMOTE CD KEY-4 AVID PT222 2 BONDING IC REV-0	1	pc	
2	002-02222-M23	I.C. PT2222 DICE REMOTE CTRL	1	pc	U1

Model No : TP-501G

Part No : BCM138A-B004

Description : MECHANISM 120V ST (全球線路) METAL GRILL

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Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	001-BCX125A-0BT	P.C.B BCX125A BATT+RM+PH S- SIDE BOARD REV-0	1	pc	
2	028-025	AC SOCKET COVER FOR VDE	1	pc	
3	028-AC203S	AC SOCKET AC203 (SEIKO) AC-001	1	pc	
4	036-0036-UL03AW-2	3 Pin Wire 200mm UL2547#28 (Hx1) GREY CD-36	1	pc	1/錄放板到卡式機芯
5	036-BC125-UL04W-P2	4 PIN WIRE 240MMx2 160mmx2 UL1007#26 HX1 P=2MM BCX125A	1	pc	1/主板與卡式機芯
6	040-BCX125A	ANTENNA ROD L=552MM BCX125A-501	1	pc	

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138A-B004

Description : MECHANISM 120V ST (全球線路) METAL GRILL

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Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
7	048-PC3N	American Cordset L=1830mm (Flat	1	pc	
8	056-D96SY	CASS. DECK CD56M - STEREO R4220M M-HEAD 12V MOTOR	1	pc	
9	057-SI321-32-8CFS1-3	Speaker 3 1/2 32mm (8 ohm) 3W With Foam Edge Silver Cap Brand: SW SP92-08P	2	pcs	
10	058-T0502B	AC TRANSFORMER EI-41 (13x24mm) 120V 60Hz 11.5V W/FUSE 126C (H) BLACK PLATE	1	pc	
11	069-04	Cable Tie 4 HDS-2.1x100 (WHITE)	4	pcs	
12	073-025-25-02	Rubber 25x25x2mm	2	pcs	2/保護卡鏡
13	073-DVD1002A-01	RUBBER FOOT 13.5x3mm DVD1002A-205	4	pcs	4/BOTTOM CABINET
14	073-KB329-06	RUBBER MIC CAP (460-00060) YF- COVER-@12.1	1	pc	1/FOR MIC
15	074-03-001N	Speaker Clip New 110	2	pcs	2/FOR SPK
16	075-50-10-005	Felt Tape 50x10x0.5mm	2	pcs	2/貼PCB板
17	077-24	Fibre Washer 3x6x0.8mm	2	pcs	2/FOR (TOP CAB) 波段 SWITCH
18	078-BCB138A-01LB	SPEAKER GRILL BCB138A L	1	pc	
19	078-BCB138A-01RB	SPEAKER GRILL BCB138A R	1	pc	
20	078-BCX125A-02	ANTENNA SOLDER PLATE BCX125A-202	1	pc	
21	078-CD109B-03	BATTERY PLATE + CD109B-203	4	pcs	
22	078-CR288-01	Record Plate CR288	1	pc	
23	081-PA 26	Screw P2x6A	2	pcs	2/LED板與卡門
24	081-PA 28	Screw P2x8A	7	pcs	6/卡門與卡門架 1/遙控板 與面殼
25	081-PA 310	Screw P3x10A	34	pcs	3/頂殼與主板 4/頂殼與前 殼 6/KEY板與頂殼 4/卡式 機芯與前殼 2/開門座與頂 殼 1/天線焊片與頂殼 3/錄 放開關與面殼 2/功能鈕支 架與頂殼 1/波段鈕支架與 頂殼 2/功放板支架與頂殼 5/底殼與前殼
26	081-PA 325	Screw P3x25A	7	pcs	7/頂殼與底殼
27	081-PA 38	Screw P3x8A	2	pcs	2/電源板與底殼

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCM138A-B004

Description : MECHANISM 120V ST (全球線路) METAL GRILL

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
28	081-PM 23TAPTITE	Screw P2x3M (Taptite)	1	pc	1/卡式機芯與錄音鐵片
29	081-PM 265	Screw P2.6x5M	1	pc	1/PVC與調諧鈕軸
30	081-PM 38	Screw P3x8Mx0.5	1	pc	1/天線與頂殼
31	081-WA 310	Screw W3x10A	8	pcs	1/卡式阻尼輪 2/喇叭碼與面殼 3/回音筒與面殼 2/打機板用
32	081-WA 312	Screw W3x12A	2	pcs	2/AC插與底殼
33	081-WA 316	Screw W3x16A	2	pcs	2/火牛與底殼
34	083-120G	Jumper Wire (8x1.2) 120mm Green	2	pcs	1/POWER PCB R-CH-SPK (+) 1/BATT (+)-AC
35	083-150	Jumper Wire (8x1.2) 150mm	1	pc	1/FM ANT
36	083-150BK	Jumper Wire (8x1.2) 150mm Black	1	pc	1/BATT (-)-AC PCB GND
37	083-150R	Jumper Wire (8x1.2) 150mm Red	1	pc	1/AC SOCKET-AC PCB VCC
38	083-250BK	Jumper Wire (8x1.2) 250mm Black	1	pc	1/焊AV PCB VCC-LCD PCB AC
39	083-300BK	Jumper Wire (8x1.2) 300mm Black	2	pcs	1/POWER PCB GND - SPK(-) 1/AC PCB VCC-LCD PCB AC
40	083-300G	Jumper Wire (8x1.2) 300mm Green	2	pcs	MAIN PCB SPL - L
41	083-80BK	Jumper Wire (8x1.2) 80mm Black	1	pc	1/POWER PCB R-CH-SPK (-)
42	087-BCB138A-01	CASSETT DOOR SPRING BCB138A-	1	pc	
43	087-CD210-03	BATTERY SPRING - CD210-204	4	pcs	

Model No : TP-501G

Part No : BCW138AR-A101

Description : POWER (NOR) BOARD ST (DAEWOO-1 客戶 普通)

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	002-01117-067	I.C. UTC LD1117/A -3.3 TO-220	1	pc	Q18
2	002-08227-037	I.C. D8227	1	pc	IC2
3	003-00882-004	TRANSISTOR 2SD882/3DA882/HS882 (NPN) TO-126	1	pc	Q14
4	005-C100B-023	RESISTOR 10 OHM 1/4W +/-5%	1	pc	R261
5	005-C101B-023	RESISTOR 100 OHM 1/4W +/-5%	1	pc	R293
6	005-C151B-013	RESISTOR 150 OHM 1/16W +/-5%	2	pcs	R5,R10
7	005-C151B-023	RESISTOR 150 OHM 1/4W +/-5%	2	pcs	R22,R272
8	005-C221B-023	RESISTOR 220 OHM 1/4W +/-5%	1	pc	R230

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCW138AR-A101

Description : POWER (NOR) BOARD ST (DAEWOO-1 客戶 普通)

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
9	005-C22XB-013	RESISTOR 2.2 OHM 1/16W +/-5%	2	pcs	R212,R213
10	010-CD190-02	HEATSINK CDR190B-204	1	pc	1/FOR Q14 D882
11	010-CD60-04	Heatsink FOR 7808 CD60	2	pcs	1/FOR Q14 D882 1/FOR CD117A
12	012-A1057-006	ELECT. CAP. 1 MFD 50V +/-20% (5x11)	9	pcs	C2,C4,C6,C99,C102,C103,C214,C286,C288
13	012-A1067-002	ELECT. CAP. 10 MFD 10V +/-20% 5x11mm	1	pc	C234
14	012-A1077-002	ELECT. CAP. 100 MFD 10V +/-20% (5x11)	2	pcs	C210,C212
15	012-A1077-003	ELECT. CAP. 100 MFD 16V +/-20% (5x11)	1	pc	C297
16	012-A2247-003	ELECT. CAP. 0.22 MFD 16V +/-20% (5x11)	2	pcs	C85,C86
17	012-A2277-003	ELECT. CAP. 220 MFD 16V +/-20% (6x12)	3	pcs	C203,C219,C296
18	012-A2277-004	ELECT. CAP. 220 MFD 25V +/-20% (8x12)	1	pc	C284
19	012-A2287-004	ELECT. CAP. 2200 MFD 25V +/-20% (13x25)	1	pc	C200
20	012-A4777-002	ELECT. CAP. 470 MFD 10V +/-20% (6x12)	5	pcs	C101,C202,C205,C206,C285
21	012-A4777-003	ELECT. CAP. 470 MFD 16V +/-20% (8x12)	1	pc	C299
22	012-C1057-006	ELECT. CAP. MINI 1 MFD 50V +/-20% (4x7)	1	pc	C213
23	012-C2257-006	ELECT. CAP. MINI 2.2 MFD 50V +/-20% 4x7m	1	pc	C221
24	012-G1078-002	TAIWAN ELECT CAP. 100 MFD 10V (5x7)	3	pcs	C209,C211,C291
25	021-005	DIODE IN4148	1	pc	D14
26	021-010-2	DIODE IN4001 COSMOS	3	pcs	D15,D17,D18
27	021-5818	DIODE IN5818 DO-41	1	pc	D16
28	021-Z0036	DIODE ZENER 3.6V 0.5W	1	pc	ZD1
29	021-Z0075	DIODE ZENER 7.5V	1	pc	D13
30	027-V16LG3N(PH)-B	VOLUME 16MM B50K X2 W/O SWITCH L=20MM	1	pc	
31	029-1243	SLIDE SWITCH SS-43D07LT-01	1	pc	SW1
32	030-1027P	3.5MM STEREO 3 PIN+2X2JACK ST-203-003AD PLASTIC	1	pc	

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCW138AR-A101

Description : POWER (NOR) BOARD ST (DAEWOO-1 客戶 普通)

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Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
33	036-BB137-UL02W-P2	2 PIN WIRE 180MMx2 UL1007#26 (Hx1) P=2MM BBX137A	1	pc	1/POWER PCB CON34-KEY PCB CN3
34	036-CD116-UL04W-P2	4 PIN WIRE 200MMx4 UL2651#28 Hx1 P=2MM CD116	1	pc	1/POWER PCB CON6-RADIO PCB CON2
35	036-CD128-UL04AW-P2	4 PIN WIRE 130MM*4 UL2547/1007#26 (H*1) PITCH=2MM	1	pc	1/POWER PCB CON4-MPEG PCB J3
36	036-CD210-UL05W-P2	5 PIN WIRE 160MMx5 UL2651#28 (Hx1) P=2MMCD210	1	pc	1/POWER PCB CON21-PHONES PCB
37	036-CD48-UL03W2	3 Pin Wire 120mmx3 UL1007 26AWG (Hx1) CD48C	1	pc	1/POWER PCB CON33-MPEG PCB J2
38	036-DVD921-UL05W-P2	5 PIN WIRE 150MMx5 UL2651#28 (Hx1) P=2MMDVD921	1	pc	1/POWER PCB CON20-VOL PCB
39	036-HT651-UL02W-P2	2 PIN WIRE 250MM*2 UL1007#26 (Hx1) P=2MMHTR651	1	pc	1/POWER PCB CON9-REMOTE PCB
40	046-02S-P2	Connector 2 Pin Socket (Pitch=2mm)	2	pcs	CON9,CON34
41	046-04S-P2	Connector 4 Pin Socket (Pitch=2mm)	1	pc	CON11
42	046-05S-P2	Connector 5 Pin Socket (Pitch=2mm)	2	pcs	CON20,CON21
43	046-07S-P2	Connector 7 Pin Socket (Pitch=2mm)	1	pc	CON5
44	079-174	Eyelet 1.7x4mm	9	pcs	VCC,GND,R-CH,L-CH,GND2,VCC,GND,AC1,AC2
45	081-PM 38	Screw P3x8Mx0.5	1	pc	1/FOR Q14 D882
46	081-PT 36	Screw P3x6T	1	pc	1/FOR Q18 UTC1117

Model No : TP-501G

Part No : BCW138AR-A103

Description : POWER (SMT) BOARD ST (DAEWOO-1 客戶)

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	001-BCM138A-0N6	P.C.B BCM138A POWER+VOL+PH S-SIDE BOARD REV-0	1	pc	
2	003-09014-022	CHIP TRANSISTOR S9014C (SOT-23)	7	pcs	Q1,Q2,Q8,Q9,Q11,Q12,Q1
3	005-B000B-027	CHIP RESISTOR 0 ohm (1206) +/-5%	3	pcs	J2,J5,J6
4	005-S000B-013	CHIP RESISTOR 0 OHM (0603) +/-5% 1/16W	2	pcs	R307,R308
5	005-S102B-013	CHIP RESISTOR 1 K (0603) +/-5% 1/16W	7	pcs	R10,R13,R217,R218,R219,R220,C275
6	005-S103B-013	CHIP RESISTOR 10 K (0603) +/-5% 1/16W	3	pcs	R301,R302,R314

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCW138AR-A103

Description : POWER (SMT) BOARD ST (DAEWOO-1 客戶)

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
7	005-S104B-013	CHIP RESISTOR 100K (0603) +/-5% 1/16W	1	pc	R259
8	005-S222B-013	CHIP RESISTOR 2.2K (0603) +/-5% 1/16W	2	pcs	R14,R287
9	005-S223B-013	CHIP RESISTOR 22K (0603) +/-5% 1/16W	2	pcs	R5,R294
10	005-S272B-013	CHIP RESISTOR 2.7K (0603) +/-5% 1/16W	2	pcs	R202,R313
11	005-S273B-013	CHIP RESISTOR 27K (0603) +/-5% 1/16W	2	pcs	R70,R71
12	005-S332B-013	CHIP RESISTOR 3.3K (0603) +/-5% 1/16W	9	pcs	R1,R4,R7,R9,R11,R283,R284,R292,R312
13	005-S392B-013	CHIP RESISTOR 3.9 K (0603) +/-5% 1/16W	4	pcs	R8,R12,R59,R60
14	005-S471B-013	CHIP RESISTOR 470 OHM (0603) +/-5% 1/16W	2	pcs	R6,R295
15	005-S473B-013	CHIP RESISTOR 47K (0603) +/-5% 1/16W	2	pcs	R205,R206
16	005-S561B-013	CHIP RESISTOR 560 OHM (0603) +/-5% 1/16W	2	pcs	R214,R215
17	005-S564B-013	CHIP RESISTOR 560K (0603) +/-5% 1/16W	2	pcs	R2,R290
18	005-S681B-013	CHIP RESISTOR 680 OHM (0603) +/-5% 1/16W	1	pc	R296
19	005-S822B-013	CHIP RESISTOR 8.2K (0603) +/-5% 1/16W	4	pcs	R3,R291,R305,R306
20	016-S1015-006	CHIP CAPACITOR 100 PF 50V (0603) +/-5% NPO	2	pcs	C3,C287
21	016-S1026-006	CHIP CAPACITOR 0.001UF 50V (0603) +/-10%	2	pcs	C215,C216
22	016-S1046-004	CHIP CAPACITOR 0.1 UF 25V (0603) +/-10%	9	pcs	C207,C208,C233,C241,C280,C290,C292,C293,C298
23	016-S6826-006	CHIP CAPACITOR 6800 PF 50V (0603) +/-10%	2	pcs	C282,C283
24	016-S6837-006	CHIP CAPACITOR 0.068UF 50V (0603) +/-20%	2	pcs	C1,C5

DAT HK Limited

TP-501G Part List

Model No : TP-501G

Part No : BCW138AR-A301

Description : RECORDING (SMT) BOARD ST (DAEWOO-1客戶)

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Status : MP(量產)

Verified Date : 01/18/2006

No.	Item Code	Description	Qty	Unit	Location
1	001-MCM66K-0M2	P.C.B MCM66K RECORDING S-SIDE BOARD REV-0	1	pc	
2	005-S102B-013	CHIP RESISTOR 1 K (0603) +/-5%	1	pc	R228
3	005-S103B-013	CHIP RESISTOR 10 K (0603) +/-5% 1/16W	4	pcs	R229,R230,R232,R235
4	005-S104B-013	CHIP RESISTOR 100K (0603) +/-5% 1/16W	1	pc	R231
5	005-S123B-013	CHIP RESISTOR 12K (0603) +/-5% 1/16W	2	pcs	R211,R212
6	005-S302B-013	CHIP RESISTOR 3K (0603) +/-5%	2	pcs	R223,R224
7	005-S303B-013	CHIP RESISTOR 30K (0603) +/-5% 1/16W	2	pcs	R240,R241
8	005-S333B-013	CHIP RESISTOR 33K (0603) +/-5% 1/16W	2	pcs	R215,R216
9	005-S392B-013	CHIP RESISTOR 3.9 K (0603) +/-5% 1/16W	3	pcs	R221,R222,R226
10	005-S472B-013	CHIP RESISTOR 4.7K (0603) +/-5% 1/16W	3	pcs	R209,R210 R227
11	005-S473B-013	CHIP RESISTOR 47K (0603) +/-5% 1/16W	2	pcs	R213,R214
12	005-S681B-013	CHIP RESISTOR 680 OHM (0603) +/-5% 1/16W	2	pcs	R217,R218
13	005-S682B-013	CHIP RESISTOR 6.8K (0603) +/-5%	2	pcs	R219,R220