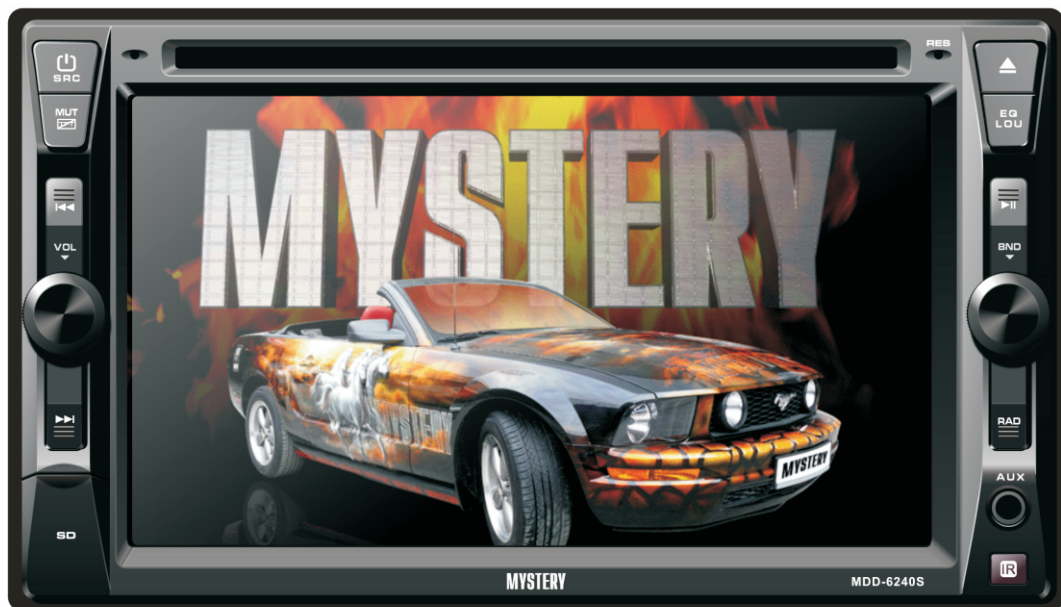


MYSTERY

Service Manual

MDD-6240S



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SPECIFICATION

Name	Specification
Operating Voltage	10.8V ~ 16V
Operating Current	MAX 15A
Operating Temperature	-20°C---+50°C
Storage Temperature	-25°C---+70°C
TV System	NTSC/PAL
Video System	AUTO/PAL/NTSC
Input Accessory	AV Input
Screen Size(Inch)	6.2 Inch (Digital)
Display Format	480X800 Pix
Mounting Dimensions	178(d)X145(w)X100(h)mm
Weight	2.5KG

Name	Functional parameter
Radio Channel	FM: 87.5-107.9MHz 65-74MHz AM: 530-1710KHz
Tuning Mode	PLL
Display Mode	TFT DISPLAY OSD
Storage Quantity	FM18/AM12 /TV90
Search Mode	Automatic/Manual
Multimedia Playback	DVD (USB SD) VCD CD MP3 MP4 AVI DVIX WMA BMP JPEG
Video Format	AUTO/PAL/NTSC
S/N Rate	55dB
Dynamic Range	70dB
Distortion	0.8%
System	NTSC/PAL

Name	Specification
Video Output	1Vpp
Audio Output	1.4~2Vpp
Video Format	NTSC/PAL

Name		Specification
Testing Voltage		13.8V
Power Output		25WX4
Amplifier Impedance		4 Ohm
Pitch Setting	Bass	100HZ +/-7dB
	Mediant	N/A
	Treble	10KHZ +/-7dB
Separating Degree		55dB

Name	AV Parameter
Video output Impedance	75 Ohm
Audio Output Channel	4 channel
Subwoofer Output	1 channel
Video Output	2 channel
Camera Input	1 channel

DISASSEMBLY INSTRUCTIONS

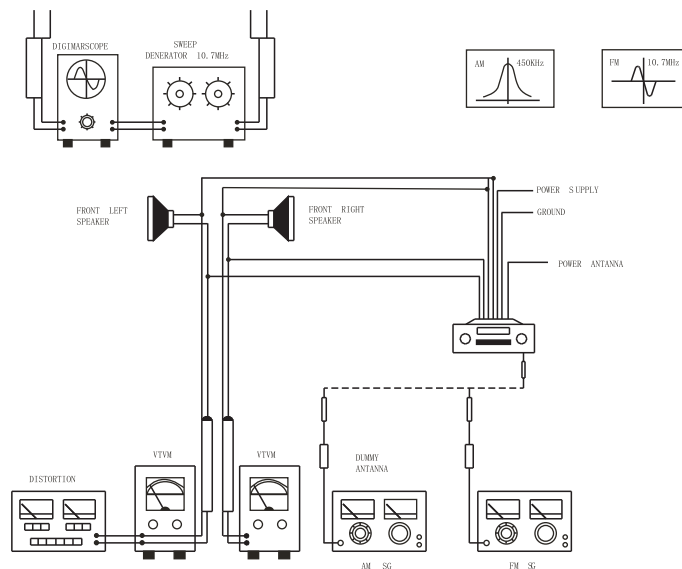
1. Mounting Box: Slide out the mounting box in parallel.
2. Top cover: Release screw at the back of top cover, and pull out the cover.
3. **Bottom Cover:** Turn over the unit to release the screws at the back of bottom cover and one the top surface. Pull out the cover.
4. **Disassemble the Panel:**
Pull out the Front panel.
Release the left side and right side screws attached to with the base.
Pull the base out of the unit.
5. **Disassemble the mechanism deck:**
There are two screws to lock the mechanism deck at front ,Unscrew both of them.
Remove the solder from fixed wires on the main, and remove the deck.
6. **Disassemble the key board :**
Release four screws .
Remove the back panel .
Then remove the key board.
7. Unscrew the left side bracket and the right side bracket. There are two screw on each side.
8. **Disassemble the main board :**
9. Unscrew two screw at the leef bracket
remove the solder from the Tuner, and main board.
Uncrew two screw ar the ANT. Remove the solder from fixed wires.
Unscrew two crew at the Heatsink.
Remove the main board.

OPERATION CHECK

GENERAL SPECIFICATIONS OF SIGNAL

Standard frequency	AM	1000 KHz (600, 1400 KHz)
	FM	98.0 MHz (90.0, 106.0 MHz)
Signal output	AM	74 dB/uV
	FM	60 dB/uV
Modulation	AM	1 kHz 30%
	FM mono	1 KHz 22.5KHz
AF output level	AM/FM	
Power source voltage	DC 14.4 V (backup voltage is the same as this)	
AF load impedance	4 ohm pure resistance	
Balance	Mechanical center	
Tone	Mechanical center	

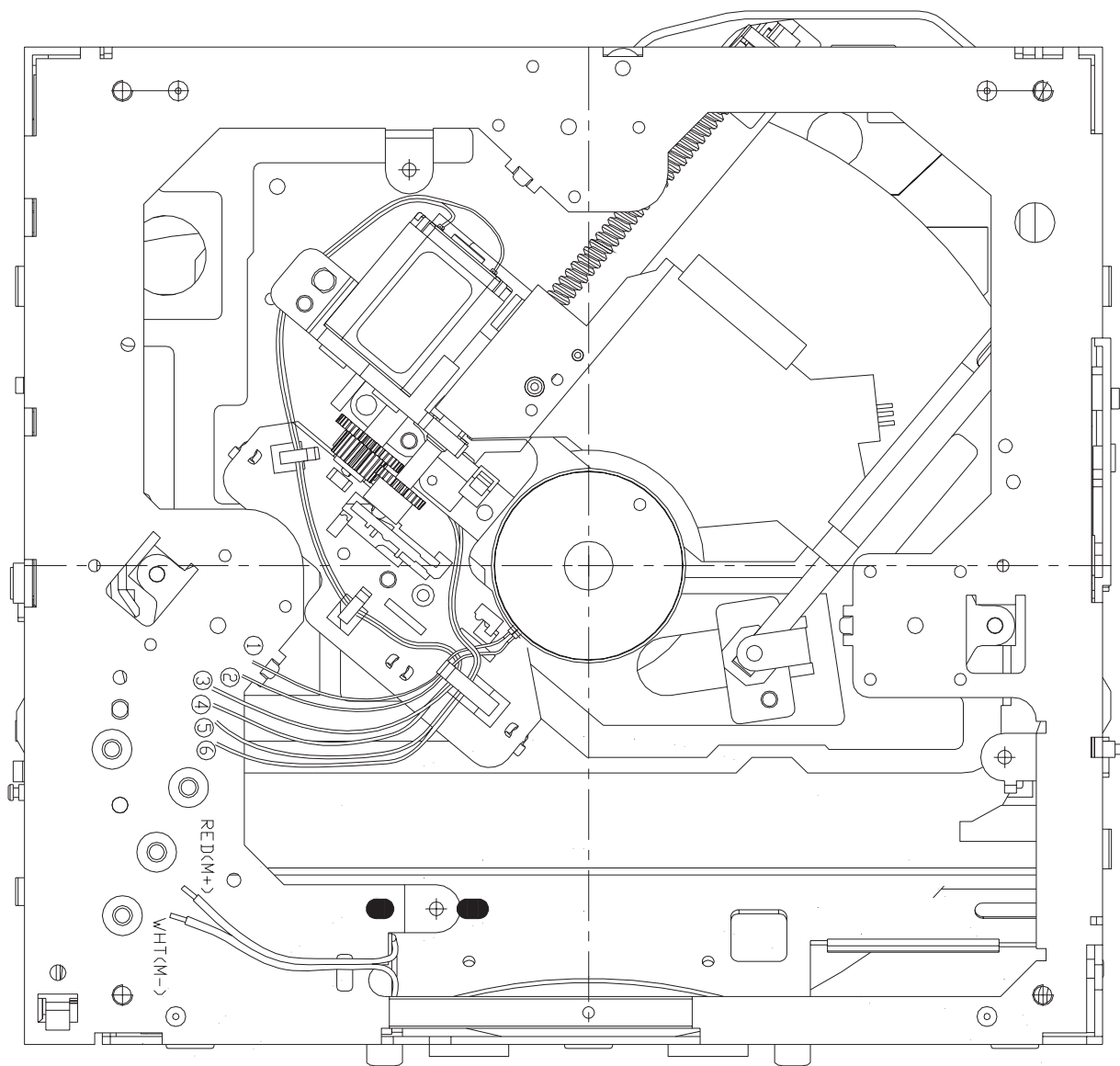
The signal strength read in this section is voltage on the antenna.



Note : Use an RF generator for the AM band and a sweep generator for the FM band.

DECK

DECK



ADJUSTMENT

FM IF/RF ADJUSTMENT

Equipment Required

FM IF/RF signal generator
Oscilloscope
Solid-state voltmeter (SSVM)
Frequency counter
Regulated DC power supply
DC digital voltmeter
Distortion meter

FM IF and RF Alignment Using FM Signal Generator

Note : Press the radio power switch to turn on the radio. Signal generator

output must be kept as low as possible to avoid overload and clipping.

Setup	Generator Coupling	Generator	Display Setting	Indicator Coupling	Adjust ment	Remarks
IF	FM RF signal generator to ANT i/p	10.7 MHz sweep output 60 dB/uV	98.0 Mhz	Connect oscillosc - ope to Ic1 pin 3 & ground	T1	Adjust so that maximum AF output power and minimum distortion.
RF Low High	Signal generator to antenna receptacle	90MHz Int 1 KHz 22.5KHz mod. output 30dB/uV 106MHz Int 1 KHz 22.5 KHz mod. output 30 dB/uV	90 MHz 106 MHz	SSVM across speaker	C3 L1	Adjust AF output power for maximum

ADJUSTMENT

AM /RF ADJUSTMENT

Equipment Required

- >AM/RF signal generator
- >Oscilloscope
- >Solid-state voltmeter (SSVM)
- >Frequency counter
- >Regulated DC power supply
- >DC digital voltmeter
- >Distortion meter

AM/RF and RF Alignment Using AM Signal Generator

Note : Press the radio power switch to turn on the radio. Signal generator output must be kept as low as possible to avoid overload and clipping.

Setup	Generator Coupling	Generator	Display Setting	Indicator Coupling	Adjust ment	Remarks
RF	Signal generator to antenna receptacle	600 KHz Int 1 KHz 30% mod. Output 74 dB/uV	600 KHz	SSVM across speaker	C1	Adjust AF output power for maximum
RF Cont.	Signal generator to antenna receptacle	1400 KHz Int 1 KHz 30% mod. 74 dB/uV	1400 Mhz	SSVM across speaker	L3	Adjust AF output power maximum

TROUBLE SHOOTING

Before going through the check list, check wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer

Picture	Signification	Disc size
No power	It probably has a burned out fuse	Change the fuse which same as the unit
	The inaccurate of microprocessor has suffered due to the other factors	Press the Reset button with a ball point pen on the panel
After ignition switch off, all of the data or setting disappear	Ignition wire ACC or Memory Backup wire is connected in wrong position	Connected Ignition wire ACC to ignition switch and Backup wire connect to battery +ve directly
Remote control no function	The battery power of remote control is not enough	Change the battery of remote control
It doesn't have good reception	Car antenna without stretch or a poor connection	Check and make sure whether the antenna is inserted or connected properly
It cannot insert the disc	It has loaded the disc on the unit.	Eject the disc on the unit, and insert the disc again
The disc cannot playback	The disc was scratched	Change the good disc
	The disc is upside down	Label side up
	The lens was dirty	Clean the lens
It cannot switch the language/ subtitle	The disc just recorded only one language/subtitle	The disc without including multi-language, subtitle, it cannot switch the language/subtitle
Without image	Without connecting the video wires from the unit to TV	Connect the wires again
Touch screen out of Alignment	Without checking the touch screen	Following touch screen alignment procedure

Rearview Mirror:

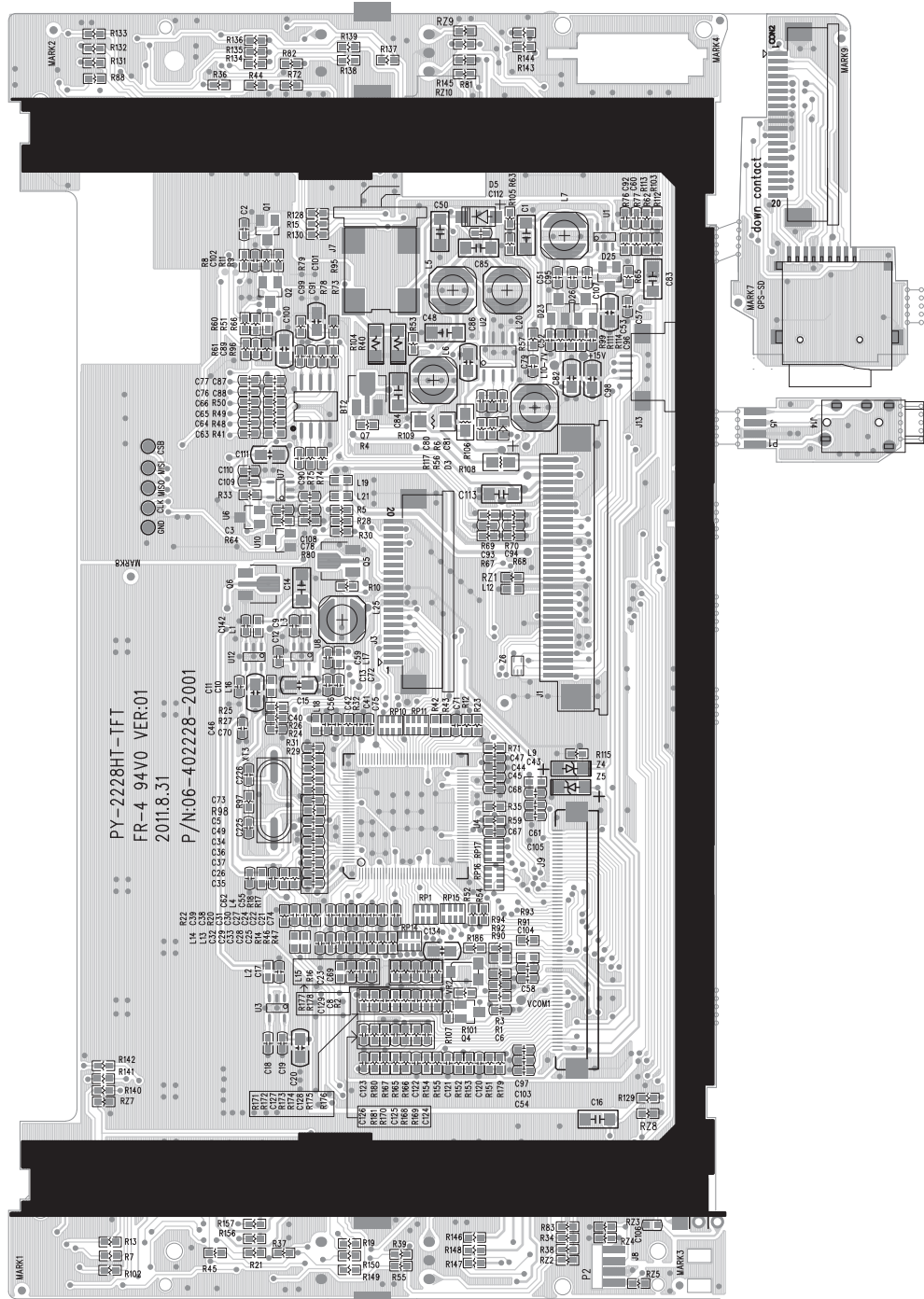
- 1).If you configured the car rear camera, please connect reverse control line to the camera port and take the video output line to connect to video output port of camera;
- 2).While reversing, the unit will switch to the rearview mirror mode.

MAIN BOARD (LAYOUT)

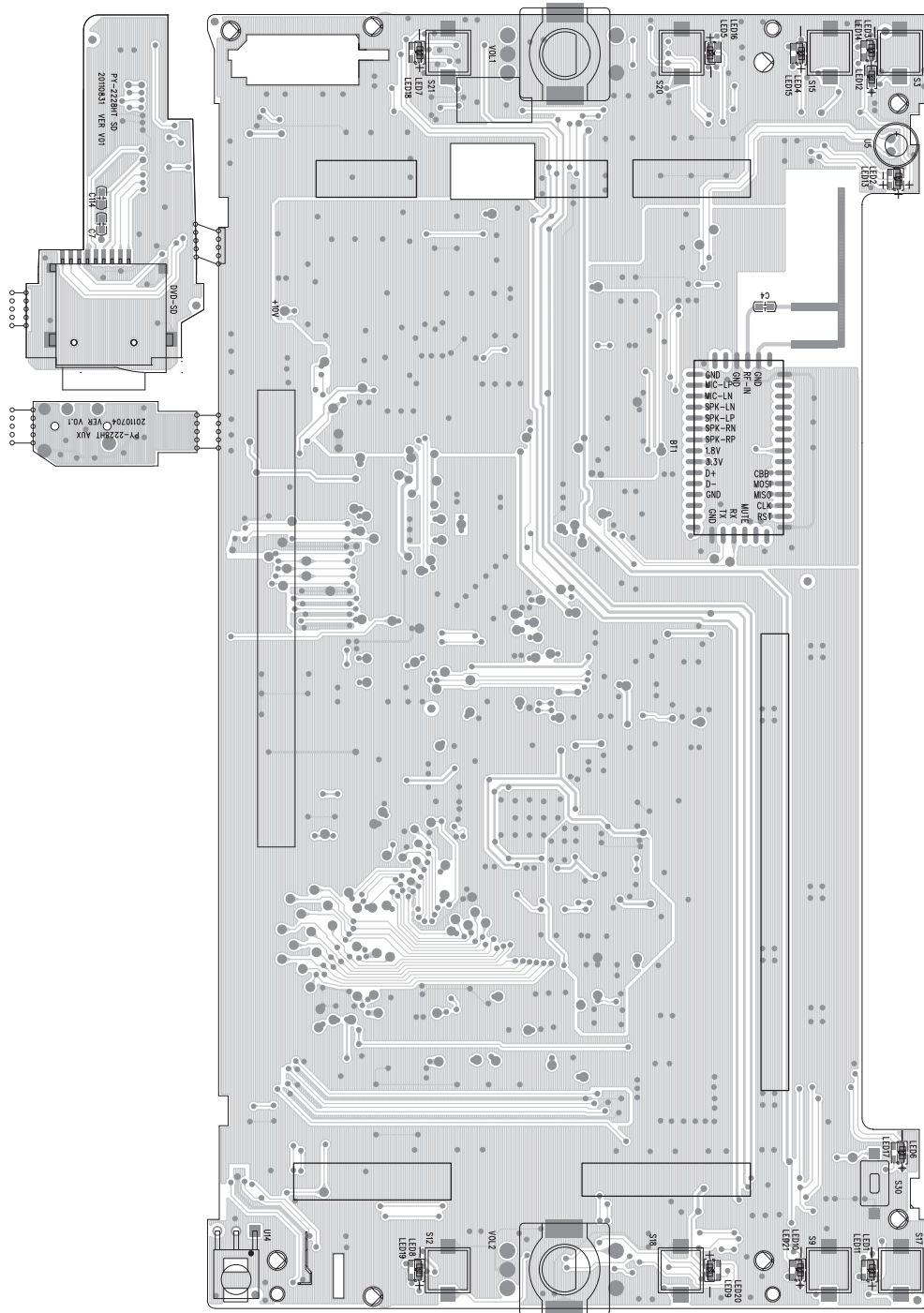




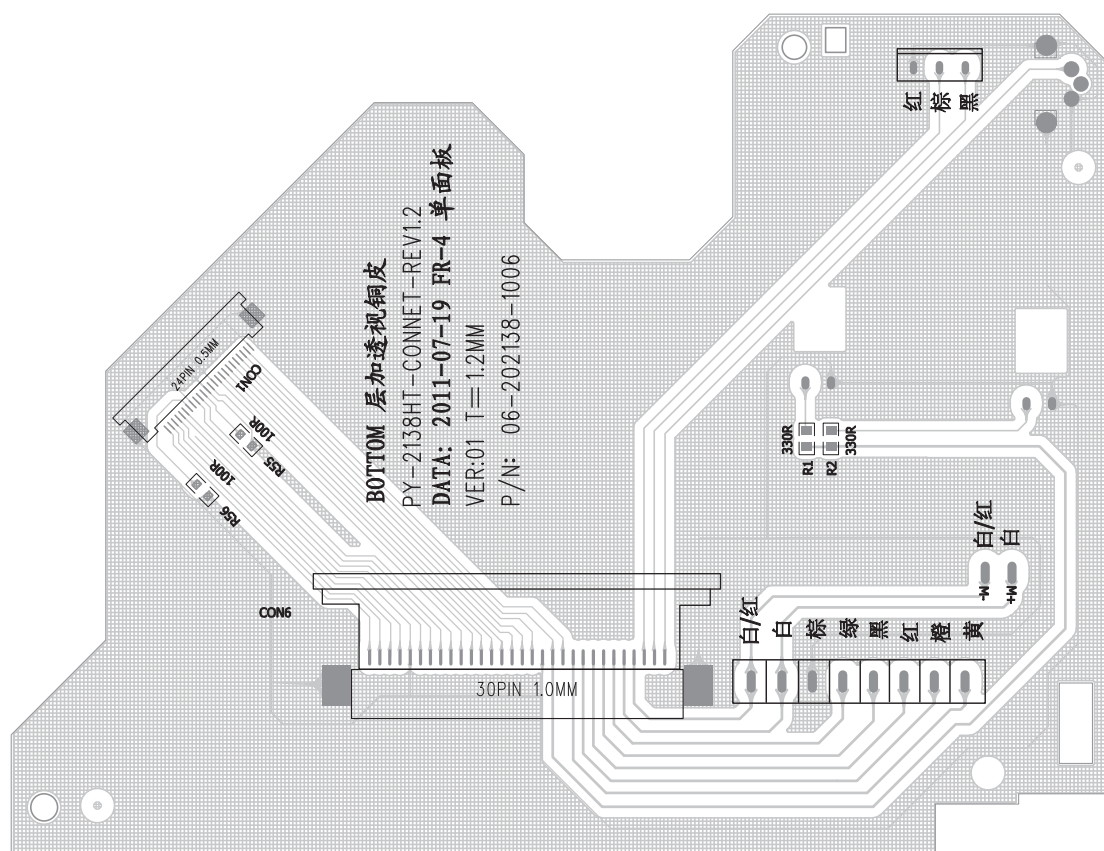
PRINTED CIRCUIT BOARDS



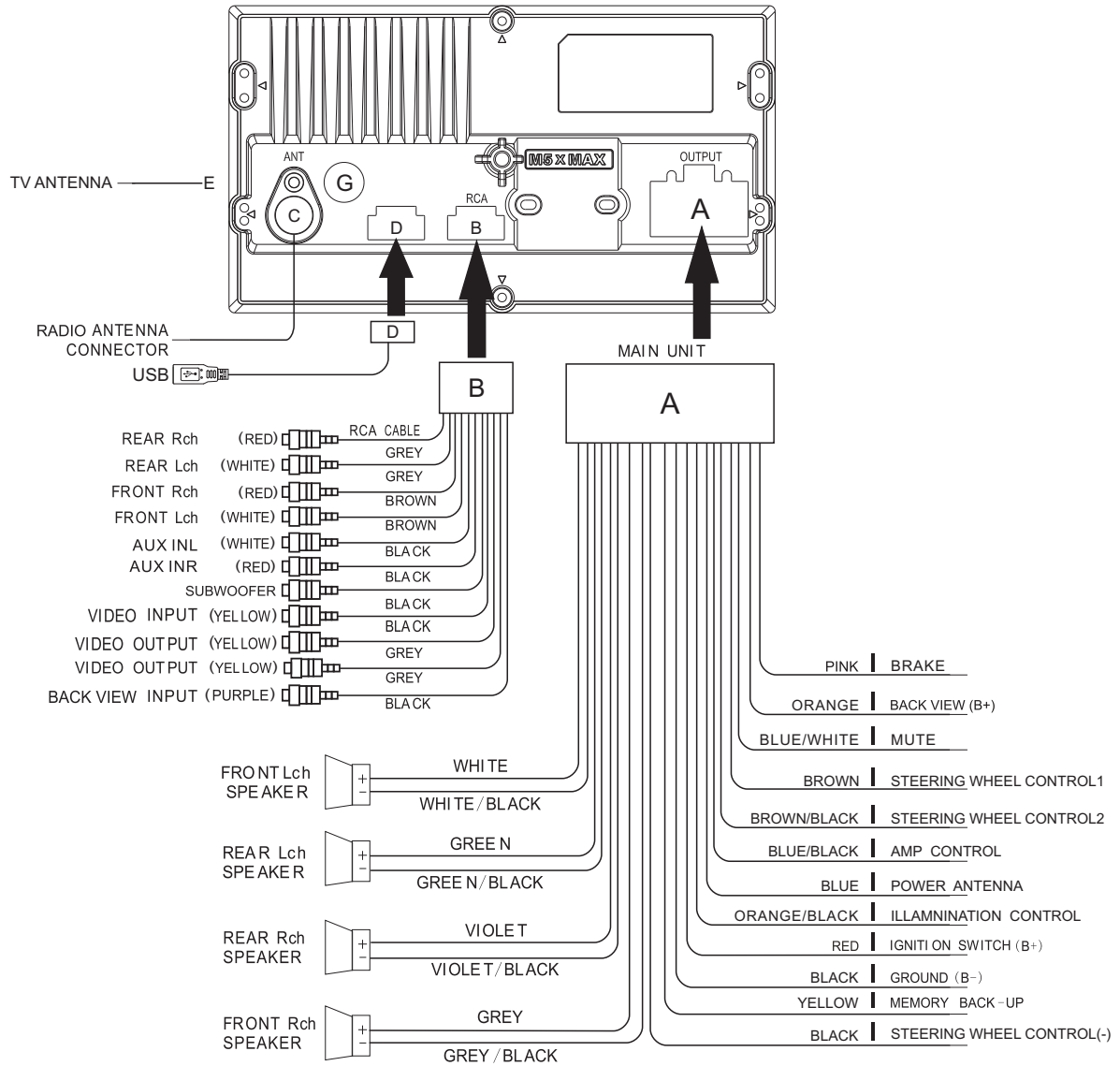
PRINTED CIRCUIT BOARDS



PRINTED CIRCUIT BOARDS



WIRING DIAGRAM



Electical Parts List

06-102138-2004-0U-N	2138HT-MB (2218HT收音DVD+后USB线长度1米+TV+ISO插座俄罗斯频率TV高频头带插座) 插件组装部分	pcs	1.00000
19-227161-2210	插座 16P2.0MM 弯插 (白色)	pcs	1.00000
11-002929-0600	IC TB2929HQ	pcs	1.00000
16-900000-0000	穿线磁珠 FB310	pcs	2.00000
08-010332-1100	电解电容 3300U/16V 105℃ 13*24	pcs	1.00000
08-210471-1000	电解电容 470UF/16V ±20% φ8*7mm	pcs	2.00000
33-040340-0002	收音天线座 插件收音天线座	pcs	1.00000
34-020330-0301	FFC插座 30P 1.0MM 双面接 FPC立式直插排插 卷带包装	pcs	2.00000
34-020320-0301	FFC插座 20P 1.0MM 双面接 FPC立式直插排插 卷带包装	pcs	1.00000
12-115401-0000	普通二极管 IN5401	pcs	1.00000
16-200331-0001	环型扼流圈 330UH (火牛) 立式	pcs	1.00000
19-227161-2211	插座16P2.0MM弯插 (红色)	pcs	1.00000
21-D11000-0149	选配输出线B 16P 2.0MM红色公插转USB母座 L=1000MM 26#线蕊	pcs	1.00000
19-013000-0004	电源插座 20P大电流插针 带保险丝	pcs	1.00000
34-010920-0960	电源线 20P配大电流保险座加ISO插 (带方控、倒车、刹车、小灯控制、功放控制、电话静音线)	pcs	1.00000
21-D16000-0126	输出线标配线A带16P2.0MMRCA线 (插头白色) 带RCA4 CVBS OUT2 AV1AUX2倒车1SUB1输出头	pcs	1.00000
21-D00150-0156	线材 IEC头转3.5耳机插头 80芯屏蔽线 长150MM 75欧阻抗	pcs	1.00000
06-501138-2004-0C-N	1138HG-TV板带TV插座, 模拟电视部分 (插件)	pcs	1.00000
06-501138-2004	PCB双面板 PY-1138HG-TV板 FR-4 1.2MM 喷锡 224.9*192.9 24拼板	pcs	1.00000
05-060PAL-0102	高频头 模拟TV IEC头直出 TUNER NTSC/PAL/SECAM CDT-6EPN22-32	pcs	1.00000
06-102138-2004-1I-N	2138HT-MB主板 (2218HT收音DVD后USB +TV) 共用部分 (外发)	pcs	1.00000
06-102138-2004	PCBPY-2138HT-MAINBOARDVer:02双面板FR-4180.2X263.2MM1/2T=1.2MM喷锡	pcs	1.00000
07-120050-0900	ESD 贴片压敏电阻 0603 交流3.3V 直流5V LBI0603-050E50PP-LF	pcs	11.00000
34-010520-0301	FFC插座 20P 1.0MM 下接 FPC卧式贴片排插 卷带包装	pcs	1.00000
10-000772-0180	贴片三极管 B772 SOT-89 PNP	pcs	3.00000
11-008563-0D00	贴片集成块 BL8563-3.3V SOT23-5	pcs	1.00000
11-001584-0400	贴片IC, MP1584 S08T	pcs	1.00000
11-111700-0900	IC LD1117 -ADJ SOT-223	pcs	1.00000
11-047805-0H00	IC LM7805 TO-252	pcs	1.00000
11-078M09-0H00	IC 贴片稳压IC 78M09 SOT-252	pcs	2.00000
11-102402-0400	IC SOP-8, 24C02N	pcs	1.00000
11-024C08-0400	IC SOP-8 24C08N 3V3	pcs	1.00000
11-005668-0400	贴片IC, AM5668/5888 SSOPH-28	pcs	1.00000
11-007550-0800	集成电路 SOT-89, HT7550	pcs	1.00000
11-744052-0400	IC 74HC4052D SOP16 (Philps)	pcs	1.00000
11-006502-0401	贴片IC 贴片集成块FMS6502 (SOP24) (注: 用原厂进口, 国产的出现屏闪无法解决)	pcs	1.00000
11-411718-0000	IC TO-223, LD1117 (1.8V)	pcs	1.00000
11-321117-0900	IC LD1117 (3.3V) TO-223	pcs	1.00000
11-IMP809-0900	集成电路 IMP809SEUR-T SOT23	pcs	1.00000
11-004016-0201	集成电路 IC SSOP-54 SAMSUNG UC60 4X16M	pcs	1.00000
11-HE8202-0500	IC SPHE8202TQ QFP128	pcs	1.00000

Electical Parts List

11-B32100-0400	IC KH25 L3205 DM2C-12C SOP-8	pcs	1.00000
11-002003-0400	贴片触摸IC TSC2003 (TSSOP16)	pcs	1.00000
04-027000-0200	贴片晶体 27.000MHz 30PPM S型 30PPM S型	pcs	1.00000
04-080000-0200	贴片晶振, 8.00MHz HC-49US 20PF/±20PPM	pcs	1.00000
09-088681-1300	贴片电容 680P/50V 0603 ±5%	pcs	1.00000
09-088151-1300	贴片瓷片电容, 150P/50V 0603 NPO ±5%	pcs	1.00000
09-088101-1300	贴片电容 100P/50V 0603 ±5%	pcs	2.00000
09-088100-1300	贴片电容 10P/50V 0603 ±5%	pcs	1.00000
09-088200-1300	贴片电容 20P/50V 0603 ±5%	pcs	2.00000
09-088102-1300	贴片电容 102/50V 0603 ±10%	pcs	22.00000
09-088103-1300	贴片电容 103/50V 0603 ±10%	pcs	3.00000
09-088104-1300	贴片电容 104/25V 0603 ±10%	pcs	84.00000
09-088105-1300	贴片电容 105/16V 0603 ±10%	pcs	10.00000
09-087106-1300	贴片电容 106/6V3 X7R 0805	pcs	2.00000
09-088225-1300	贴片电容 225 10% 0603 10v	pcs	30.00000
09-087226-1300	贴片电容 226/50V X7R 1206	pcs	3.00000
09-088223-1200	贴片电容 223 0603、±5%	pcs	1.00000
09-088332-1300	贴片电容 332/50V 0603 ±10%	pcs	2.00000
09-088330-1300	贴片电容 33P/50V 0603 ±5%	pcs	2.00000
09-088473-1301	贴片电容 473/50V 0603 ±5%	pcs	2.00000
09-088474-1300	贴片电容 474/16V 0603 ±10%	pcs	1.00000
09-088682-1300	贴片电容 682/50V 0603 ±10%	pcs	1.00000
08-050478-1000	贴片电解电容4U7/16V SMD 4*5.4 ±10%	pcs	1.00000
08-050101-0000	贴片电解电容100U/10V SMD 5*5.4 ±10%	pcs	14.00000
08-050101-2000	贴片电解电容100U/25V SMD 6.3*7.7 ±20%	pcs	3.00000
08-050221-1103	贴片电解电容 220UF/16V SMD6×7.7、105度、±20%	pcs	6.00000
08-050470-1000	贴片电解电容47U/16V SMD 5*5.4 ±10%	pcs	1.00000
08-045470-0000	贴片钽电容47uF/10V, +/-20%TC SMD B	pcs	2.00000
12-005822-0029	5822二极管 SS34 (DO-214A)	pcs	1.00000
12-114001-0011	贴片二极管 IN4001 SOD-106 DO-214	pcs	2.00000
12-214148-0020	贴片二极管 SMD 1N4148 0805 扁形	pcs	11.00000
12-214148-0011	贴片二极管 IN4148 1206 圆柱形	pcs	6.00000
16-B00220-1701	贴片功率电感 22UH贴片屏蔽功率电感(CDH125)*3A	pcs	1.00000
16-D00221-0902	贴片绕线电感 WE5845 (CD54) 22uH 2A	pcs	1.00000
16-A00000-1003	贴片磁珠 FB 0Ω 0603	pcs	4.00000
16-A00100-0700	贴片电感 10UH 0805	pcs	2.00000
16-000278-0700	贴片电感 0805, 2.7uH	pcs	1.00000
16-A00000-0700	贴片磁珠 FB 0Ω 0805	pcs	5.00000
10-002301-0570	贴片场效应管STS2301SOT23	pcs	1.00000
10-000103-0170	贴片三极管 KRC103S SOT-23	pcs	6.00000

Electical Parts List

10-178050-7170	贴片三极管 SOT-23, C8050	pcs	11.00000
10-001952-01B0	贴片三极管, A1952 TO252	pcs	1.00000
10-021132-1280	贴片三极管 SOT-89, 2SB1132	pcs	2.00000
10-178550-7170	贴片三极管 SOT-23, C8550	pcs	8.00000
07-080000-9900	贴片电阻 0 5% 0603	pcs	8.00000
07-080104-9900	贴片电阻 100K 5% 0603	pcs	5.00000
07-080103-9900	贴片电阻 10K 5% 0603	pcs	70.00000
07-080100-0800	贴片电阻 SMD 10R 1206 5%	pcs	5.00000
07-080101-9900	贴片电阻 100 5% 0603	pcs	5.00000
07-080204-9900	贴片电阻 200K 5% 0603	pcs	2.00000
07-080123-9900	贴片电阻 12K 5% 0603	pcs	3.00000
07-080153-9900	贴片电阻 15K 5% 0603	pcs	5.00000
07-080182-9900	贴片电阻 1K8 5% 0603	pcs	2.00000
07-080334-9900	贴片电阻 330K 5% 0603	pcs	4.00000
07-080102-9900	贴片电阻 1K 5% 0603	pcs	21.00000
07-080105-9900	贴片电阻 1M 5% 0603	pcs	2.00000
07-080108-0800	贴片电阻 SMD 1R 1206 1/4W 5%	pcs	1.00000
07-080108-9900	贴片电阻 1R 5% 0603	pcs	1.00000
07-080222-9900	贴片电阻 2K2 5% 0603	pcs	14.00000
07-080203-9900	贴片电阻 20K 5% 0603	pcs	2.00000
07-080223-9900	贴片电阻 22K 5% 0603	pcs	1.00000
07-080330-9900	贴片电阻 33 5% 0603	pcs	13.00000
07-080363-9900	贴片电阻, 36K 1/10W 0603 $\pm 5\%$	pcs	2.00000
07-080471-9900	贴片电阻 470 5% 0603	pcs	5.00000
07-080472-9900	贴片电阻 4K7 5% 0603	pcs	26.00000
07-080473-9900	贴片电阻 47K 5% 0603	pcs	29.00000
07-080470-0800	贴片电阻 SMD 47R 1206 1/4W 5%	pcs	1.00000
07-080051-9900	贴片电阻 5R1 5% 0603	pcs	2.00000
07-080562-9900	贴片电阻 5K6 5% 0603	pcs	3.00000
07-080750-9900	贴片电阻 75 5% 0603	pcs	7.00000
07-080822-9900	贴片电阻 8K2 5% 0603	pcs	5.00000
07-080821-9900	贴片电阻 820R 5% 0603	pcs	1.00000
07-080913-9900	贴片电阻, 91K 1/10W 0603 $\pm 5\%$	pcs	1.00000
12-715819-0004	贴片二极管 5819 SOD-106	pcs	1.00000
07-080221-9940	贴片排阻 220 Ω 、0603、 $\pm 5\%$	pcs	2.00000
12-300051-0021	贴片稳压二极管 5.1V (4.95V~5.15V) 1206	pcs	2.00000
12-300075-0011	贴片稳压二极管 7.5V 1206	pcs	2.00000
07-080103-9940	贴片排阻 10K 5% 0603	pcs	2.00000
07-080330-0940	贴片排阻 33R 5% 0603	pcs	1.00000
11-002348-0400	IC PT2348 音效IC SSOP-36	pcs	1.00000

Electical Parts List

08-050220-1000	贴片电解电容22U/16V SMD 5*5 ±10%	pcs	1.00000
22-403035-0001	贴片可恢复保险丝 0.35A 1206封装 SMD1206P035TF PTTC TAPE REEL	pcs	1.00000
07-080272-9900	贴片电阻 2K7 5% 0603	pcs	2.00000
11-08S207-0505	贴片IC STM8S207M8T6B MCU LQFP80 SMT PY-2138HT V6.3	pcs	1.00000
07-080000-0600	贴片电阻 SMD 0R 0805 5%	pcs	1.00000
06-102138-2003-1B-N	2138HT-MB TV功能贴片（外发）部分	pcs	1.00000
09-088104-1300	贴片电容 104/25V 0603 ±10%	pcs	6.00000
09-088225-1300	贴片电容 225 10% 0603 10v	pcs	1.00000
08-050221-1103	贴片电解电容 220UF/16V SMD6×7.7、105度、±20%	pcs	1.00000
07-080228-0800	贴片电阻 2R2 5% 1206 1/4W	pcs	1.00000
07-080750-9900	贴片电阻 75 5% 0603	pcs	1.00000
07-080102-9900	贴片电阻 1K 5% 0603	pcs	3.00000
07-080472-9900	贴片电阻 4K7 5% 0603	pcs	3.00000
07-080153-9900	贴片电阻 15K 5% 0603	pcs	2.00000
07-080473-9900	贴片电阻 47K 5% 0603	pcs	1.00000
10-178050-7170	贴片三极管 SOT-23, C8050	pcs	1.00000
10-000772-0180	贴片三极管 B772 SOT-89 PNP	pcs	1.00000
06-002201-2002-0B-N	2218HT-TUNER板（RDS 功能） 插件部分	pcs	1.00000
04-040000-0100	插件晶振 4.000M插件晶振(小) (10×3.5×3)	pcs	1.00000
16-600561-0001	插件色环电感 560uH 0307	pcs	2.00000
19-027001-0111	插针 19P条形连接器弯针（2.0MM） 单位：PCS	套	1.00000
08-216470-1022	电解电容 47uF/16V ±20% Φ4X5mm 排带2.5MM脚距， 平底部伸出	pcs	1.00000
06-002201-2002-1B-N	2218HT-TUNER板（RDS功能）（6624）功能外发	pcs	1.00000
06-002201-2002	PCB板 PY-TEF660XT线路板(2010-09-19)	pcs	1.00000
07-080000-9900	贴片电阻 0 5% 0603	pcs	1.00000
07-080220-9900	贴片电阻 22 5% 0603	pcs	1.00000
07-080820-9900	贴片电阻 82 5% 0603	pcs	1.00000
07-080472-9900	贴片电阻 4K7 5% 0603	pcs	1.00000
07-080474-9900	贴片电阻 470K 5% 0603	pcs	2.00000
09-088180-1300	贴片电容 18P/50V 0603 ±5%	pcs	2.00000
09-088102-1300	贴片电容 102/50V 0603 ±10%	pcs	4.00000
09-088103-1300	贴片电容 103/50V 0603 ±10%	pcs	4.00000
09-088104-1300	贴片电容 104/25V 0603 ±10%	pcs	4.00000
09-088105-1300	贴片电容 105/16V 0603 ±10%	pcs	2.00000
09-088224-1300	贴片电容 224/25V 0603 ±10%	pcs	2.00000
09-088220-1300	贴片电容 22P/50V 0603 ±5%	pcs	1.00000
09-088228-1300	贴片电容 2.2PF 0603 ±5%	pcs	1.00000
11-006624-0800	IC TEF 6624 SOT-32	pcs	1.00000
16-A00338-0700	绕线贴片电感 3.3U 0805	pcs	1.00000
16-D00018-0700	贴片绕线电感 HWI0805-1R8SJB±5%	pcs	1.00000

Electical Parts List

16-D00279-0700	贴片绕线电感 HWI0805-R27JSB±5%	pcs	2.00000
16-D00479-0700	贴片绕线电感 HWI0805-R47JSB±5%	pcs	1.00000
16-D00229-0700	贴片绕线电感 HWI0805-R22JSB±5%	pcs	1.00000
16-D00180-0700	贴片绕线电感 HWI0805-18NJSB±5%	pcs	1.00000
07-080101-9900	贴片电阻 100 5% 0603	pcs	2.00000
09-088120-1300	贴片电容 12P/50V 0603 ±5%	pcs	1.00000
09-088150-1300	贴片电容 15P/50V 0603 ±5%	pcs	1.00000
06-202138-1006-0-N	2138HT机芯板插件部分	pcs	1.00000
14-300112-0000	碟到位开关 (兆杰MDS-11D04)	pcs	1.00000
12-590928-0000	传感器 IR928-6C (6-1)PHOTO	pcs	2.00000
29-730002-1058	FFC排线 30P/1.0MM L=105MM 反向	pcs	1.00000
06-202138-1006-1-N	2138HT机芯板部分 (外发)	pcs	1.00000
34-010324-0100	贴片插座, 24PIN/0.5MM 上接 FFC座 卷带包装	pcs	1.00000
34-010330-0101	贴片插座 30PIN, 间距1.0mm, down port 卷带包装	pcs	1.00000
07-080331-9900	贴片电阻 330 5% 0603	pcs	2.00000
07-080101-9900	贴片电阻 100 5% 0603	pcs	2.00000
06-202138-1006	PY-2138HT-CONNET-PCB V1.2单面板 94HB HK=1.2mm	pcs	1.00000
06-402228-2001-0B-N	PY-2228HT-TFT插件部分不带蓝牙三色灯 带倒车镜像 增加PLAY/PAUSE功能(MY客户专用)	pcs	1.00000
19-210031-0201	A/V插件插座 Φ3.5mm, AV+L+R	pcs	1.00000
13-118000-2106	插件编码器 ENCODE-N	pcs	1.00000
13-118000-2108	插件编码器 ENCODE-N 自复位	pcs	1.00000
74-020404-0222	遥控接收头 KS6038 4.95*4.92*3.65	pcs	1.00000
28-20H620-0006	显示屏, 翰彩6.2寸【LED】数字屏/HSD0621DW1-A(400亮度)	pcs	1.00000
28-50H620-0016	触摸屏 6.2寸 (RYH0123A2-049GG)	pcs	1.00000
29-730002-1058	FFC排线 30P/1.0MM L=105MM 反向	pcs	1.00000
29-720004-1000	FFC排线 20P P=1.0MM 同向 L=100MM PH1.0-100MM	pcs	2.00000
06-402228-2001-1B-N	PY-2228HT-TFT (外发) 部分不带蓝牙三色灯 带倒车镜像 增加PLAY/PAUSE功能 MY客户专用)	pcs	1.00000
06-402228-2001	PCB PY-2228HT-TFT VERO.1 双面板 FR-4 HK=1.2MM 喷锡	pcs	1.00000
07-080000-0800	贴片电阻 0 5% 1206 1/4W	pcs	2.00000
07-080000-9900	贴片电阻 0 5% 0603	pcs	3.00000
07-080100-0600	贴片电阻 SMD 10R 0805 5%	pcs	1.00000
07-080102-9900	贴片电阻 1K 5% 0603	pcs	28.00000
07-080103-9900	贴片电阻 10K 5% 0603	pcs	9.00000
07-080104-9900	贴片电阻 100K 5% 0603	pcs	3.00000
07-080110-9900	贴片电阻 10R 5% 0603	pcs	1.00000
07-080121-9900	贴片电阻 120 5% 0603	pcs	1.00000
07-080154-9900	贴片电阻 150K 5% 0603	pcs	1.00000
07-080183-9900	贴片电阻 18K 5% 0603	pcs	2.00000
07-080105-9900	贴片电阻 1M 5% 0603	pcs	1.00000
07-080202-9900	贴片电阻 2K 5% 0603	pcs	2.00000

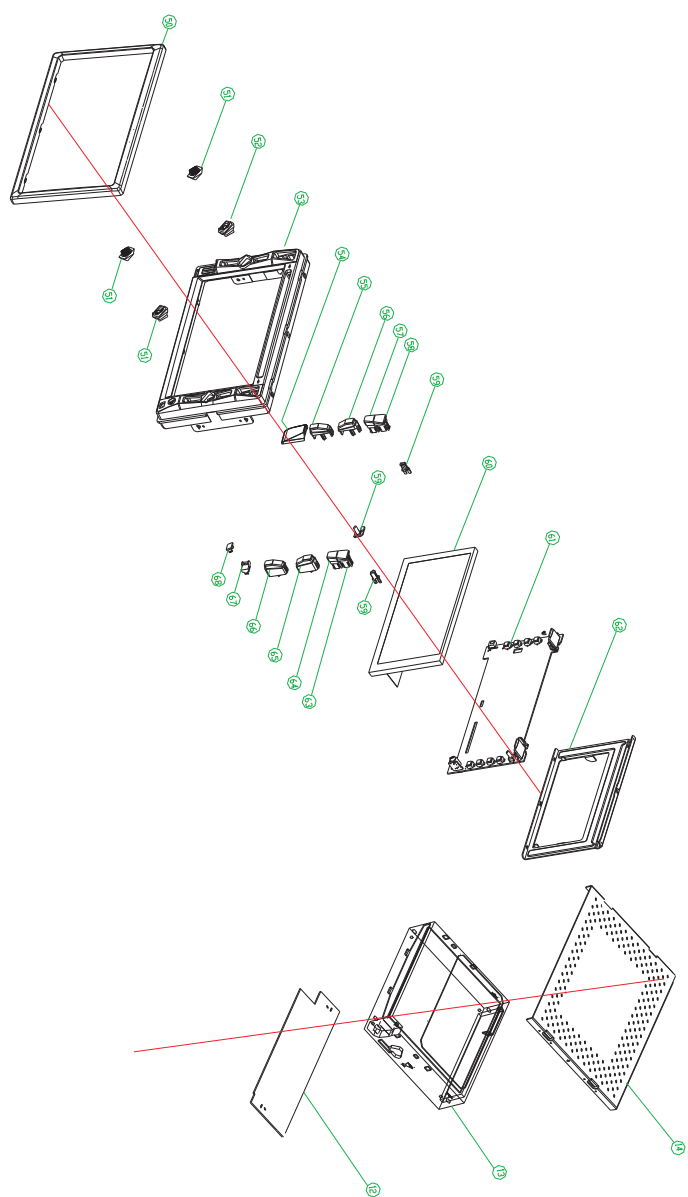
Electical Parts List

07-080203-9900	贴片电阻 20K 5% 0603	pcs	3.00000
07-080222-9900	贴片电阻 2K2 5% 0603	pcs	1.00000
07-080228-0800	贴片电阻 2R2 5% 1206 1/4W	pcs	1.00000
07-080270-9900	贴片电阻 27R 5% 0603	pcs	1.00000
07-080271-9900	贴片电阻 270R 5% 0603	pcs	2.00000
07-080272-9900	贴片电阻 2K7 5% 0603	pcs	1.00000
07-080330-0940	贴片排阻 33R 5% 0603	pcs	7.00000
07-080330-9900	贴片电阻 33 5% 0603	pcs	8.00000
07-080302-9900	贴片电阻 3K 5% 0603	pcs	1.00000
07-080332-9900	贴片电阻 3K3 5% 0603	pcs	1.00000
07-080391-9900	贴片电阻 390 5% 0603	pcs	2.00000
07-080473-9900	贴片电阻 47K 5% 0603	pcs	4.00000
07-080478-0800	贴片电阻 SMD 4R7 1206 1/4W 5%	pcs	1.00000
07-080560-9900	贴片电阻 56R 5% 0603	pcs	3.00000
07-080561-9900	贴片电阻 560 5% 0603	pcs	6.00000
07-080621-9900	贴片电阻 620R 0603	pcs	10.00000
07-080683-9900	贴片电阻 68K 5% 0603	pcs	1.00000
07-080750-9900	贴片电阻 75 5% 0603	pcs	3.00000
07-080751-9900	贴片电阻 750 5% 0603	pcs	2.00000
07-120050-0900	ESD 贴片压敏电阻 0603 交流3.3V 直流5V LBI0603-050E50PP-LF	pcs	9.00000
07-181000-9900	贴片精密电阻 100R R0603 $\pm 1\%$	pcs	4.00000
07-182000-9900	贴片精密电阻 200R R0603 $\pm 1\%$	pcs	2.00000
07-182370-9900	贴片精密电阻 237R R0603 $\pm 1\%$	pcs	3.00000
07-183320-9900	贴片精密电阻 332R R0603 $\pm 1\%$	pcs	1.00000
07-186198-9900	贴片精密电阻 61.9R R0603 $\pm 1\%$	pcs	2.00000
07-186498-9900	贴片精密电阻 64.9R R0603 $\pm 1\%$	pcs	1.00000
07-186808-9900	贴片精密电阻 68R R0603 $\pm 1\%$	pcs	1.00000
07-188208-9900	贴片精密电阻 82R R0603 $\pm 1\%$	pcs	1.00000
09-085105-0300	贴片电容 105 0805 10% 50V X7R	pcs	4.00000
09-085475-8400	贴片陶瓷电容4.7uF/16V, X7R, $\pm 10\%$ C0805	pcs	4.00000
09-087226-1300	贴片电容 226/50V X7R 1206	pcs	8.00000
09-088101-1300	贴片电容 100P/50V 0603 $\pm 5\%$	pcs	1.00000
09-088103-1300	贴片电容 103/50V 0603 $\pm 10\%$	pcs	5.00000
09-088104-1300	贴片电容 104/25V 0603 $\pm 10\%$	pcs	34.00000
09-088105-1300	贴片电容 105/16V 0603 $\pm 10\%$	pcs	23.00000
09-088200-1300	贴片电容 20P/50V 0603 $\pm 5\%$	pcs	2.00000
09-088221-1300	贴片电容 220P/50V 0603 $\pm 5\%$	pcs	1.00000
09-088223-1200	贴片电容 223 0603、 $\pm 5\%$	pcs	1.00000
09-088225-1300	贴片电容 225 10% 0603 10v	pcs	12.00000
09-088332-1300	贴片电容 332/50V 0603 $\pm 10\%$	pcs	1.00000

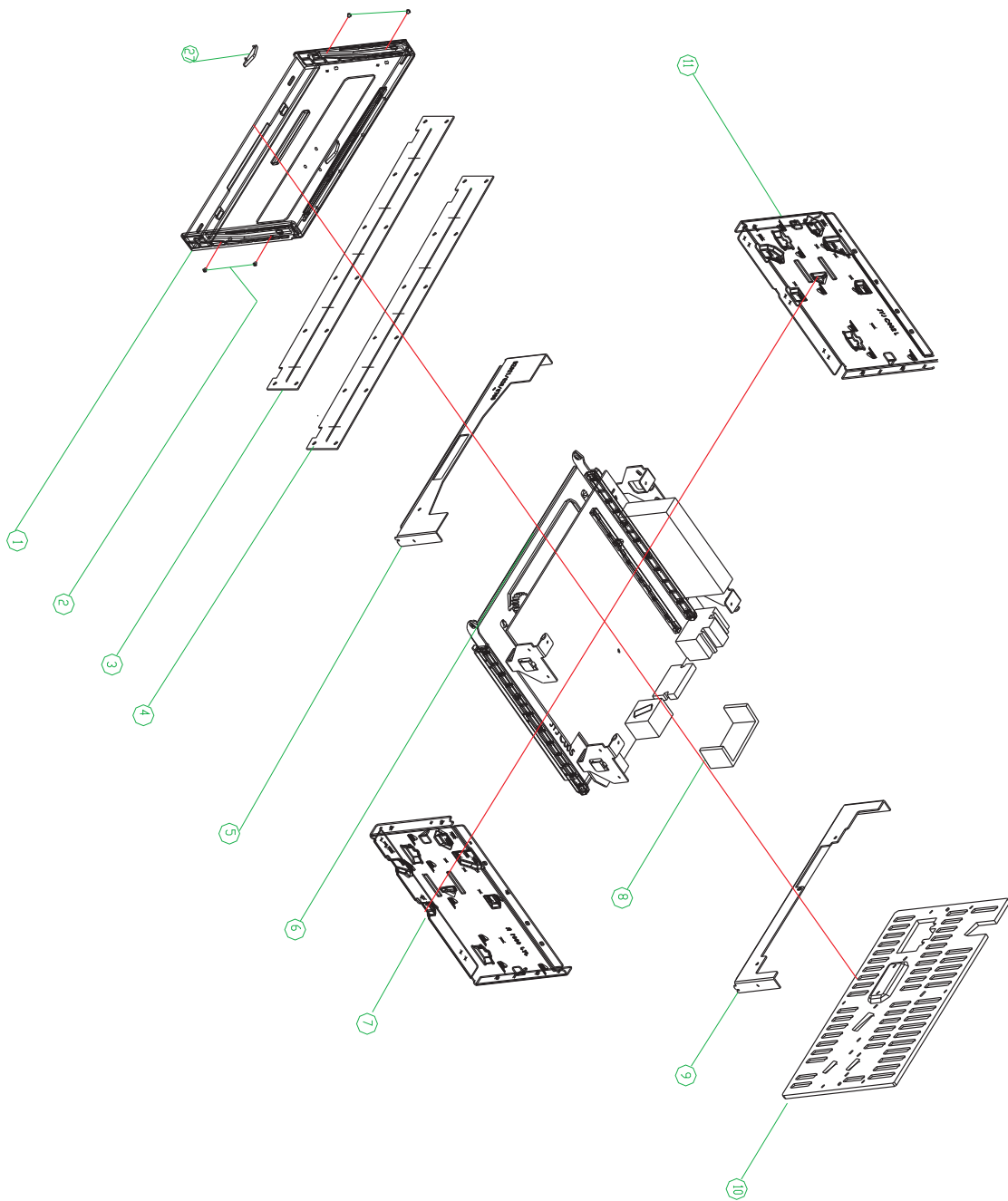
Electical Parts List

09-088470-1300	贴片电容 47P/50V 0603 $\pm 5\%$	pcs	3.00000
10-001664-01A0	贴片三极管 SOT-89 2SD1664	pcs	3.00000
10-0BAV70-0170	贴片三极管 SOT-23 BAV70	pcs	1.00000
10-0BAV99-0170	贴片三极管 SOT-23 BAV99	pcs	2.00000
11-001540-0B00	贴片集成块 MP1540 SOT-23-5	pcs	1.00000
12-715819-0004	贴片二极管 5819 SOD-106	pcs	1.00000
12-214148-0020	贴片二极管 SMD 1N4148 0805 扁形	pcs	1.00000
12-300068-0011	稳压贴片二极管 6V8 1206 圆柱形	pcs	1.00000
12-300160-0021	贴片二极管 SMD 16V 1206	pcs	1.00000
13-900103-3000	贴片可调电阻 10K (EVM3ESX50B)	pcs	1.00000
14-500600-0014	贴片开关 按键开关 6X6 硅胶	pcs	8.00000
14-506612-0000	按制 贴片6*4.3MM (卷带封装)	pcs	1.00000
16-0A1108-0000	贴片电感 1UH 0603	pcs	3.00000
16-A00000-1003	贴片磁珠 FB 0 Ω 0603	pcs	8.00000
16-B00100-1701	贴片功率电感 10UH INDUCTOR/CD52A	pcs	1.00000
16-B00220-1801	贴片功率电感 22UH INDUCTOR/CD52A	pcs	2.00000
16-D00470-0901	线绕贴片电感 47UH/1A (CD54)	pcs	2.00000
17-080606-1207	贴片三色灯 LED(RGB) 0606 厚度: 1.1MM	pcs	10.00000
19-027001-0113	贴片卡座 卡座TF(卷带封装)	pcs	1.00000
19-027041-0112	贴片座, 4PIN背光座 CN4/OUTPUT (卷带封装)	pcs	1.00000
34-010304-0300	FFC贴片插座 4P 间距1.0MM 下接(卷带封装)	pcs	1.00000
34-010330-0300	30P/1.0MM FFC贴片插座 (下接)(卷带封装)	pcs	1.00000
34-010360-0100	FFC贴片插座 60P 间距0.5MM 下接(卷带封装)	pcs	1.00000
34-010520-0301	FFC插座 20P 1.0MM 下接 FPC卧式贴片排插 卷带包装	pcs	2.00000
11-001612-0500	贴片集成块 BIT1612 TQFP128	pcs	1.00000
11-003252-0400	贴片集成块 BIT3252A SOP-8	pcs	1.00000
11-06V8V5-0D00	贴片集成块 ESDA6V8V5 SOT-553	pcs	1.00000
11-008563-0D01	贴片集成块 BL8563-1.8V SOT23-5	pcs	1.00000
11-008563-0D00	贴片集成块 BL8563-3.3V SOT23-5	pcs	2.00000
04-024573-0200	贴片晶振 24.576MHZ 49S ± 20 PPM	pcs	1.00000
07-080472-9900	贴片电阻 4K7 5% 0603	pcs	1.00000
75-011200-2610	顺誉DVD机芯, 日立光头, 寻迹驱动马达: 唯真, 主轴马达: 万宝至, 排线53MM	pcs	1.00000

EXPLODED DRAWING



EXPLODED DRAWING



EXPLODED DRAWING INSTRUCTION

68	41-662202-0000	LENS-IR	PC	1					
67	41-112202-0000	BRACKET-IR	PC	1					
66	41-042202-0000	KNOB-RADIO	PC	1					
65	41-082202-0000	KNOB-DVD	PC	1					
64	41-072202-0000	KNOB-GPS	PC	3	27	41-052198-0000	CD-LIGHT	PC	1
63	41-022202-0000	KNOB-POWER	PC	1	26	43-012198-0110	TOP-COVER		1
62		BRACKET-BACK	SECC	1	25		DECK		1
61		KB		1	12		SD-GPS		1
60		SCREEN-TFT		3	11	44-072198-0100	BTACKET-LEFT		1
59	41-672202-0000	LENS-CD	PC	2	10	43-002138-0001	HEAT-SINK		1
58	41-012202-0000	KNOB-POWER	PC	1	9	44-022198-0100	BRACKET-BACK		1
57	41-032202-0000	KNOB-MUT	PC	1	8	44-052138-0100	IC7384-BRACKET		1
56	41-062202-0000	KNOB-SPEED	PC	1	7	44-082198-0100	RIGHT-BRACKET		1
55	41-052202-0000	KNOB-SPEED	PC	1	6	43-002198-0010	传动结构组装件		1
54	41-1022A2-0000	COVER-SD	ABS	1	5	44-012198-0100	BRACKET-FRONT	ABS	1
53	40-0222A2-0000	PANEL	ABS	1	4	71-022138-0000	CD DOOR		1
52	41-612202-0000	KNOB-TURNING	ABS	2	3	71-213013-0001	CD DOOR		1
51	41-622202-0000	KNOB-COVER	ABS	2	2	59-012112-2025	SCREW		4
50	40-042201-0100	TRIM PLATE	ABS	1	1		BASE		1
NO.	PART NUBER	DESCRIPTION	MATERIAL	QTY	NO.	PART NUBER	DESCRIPTION	MATERIAL	QTY

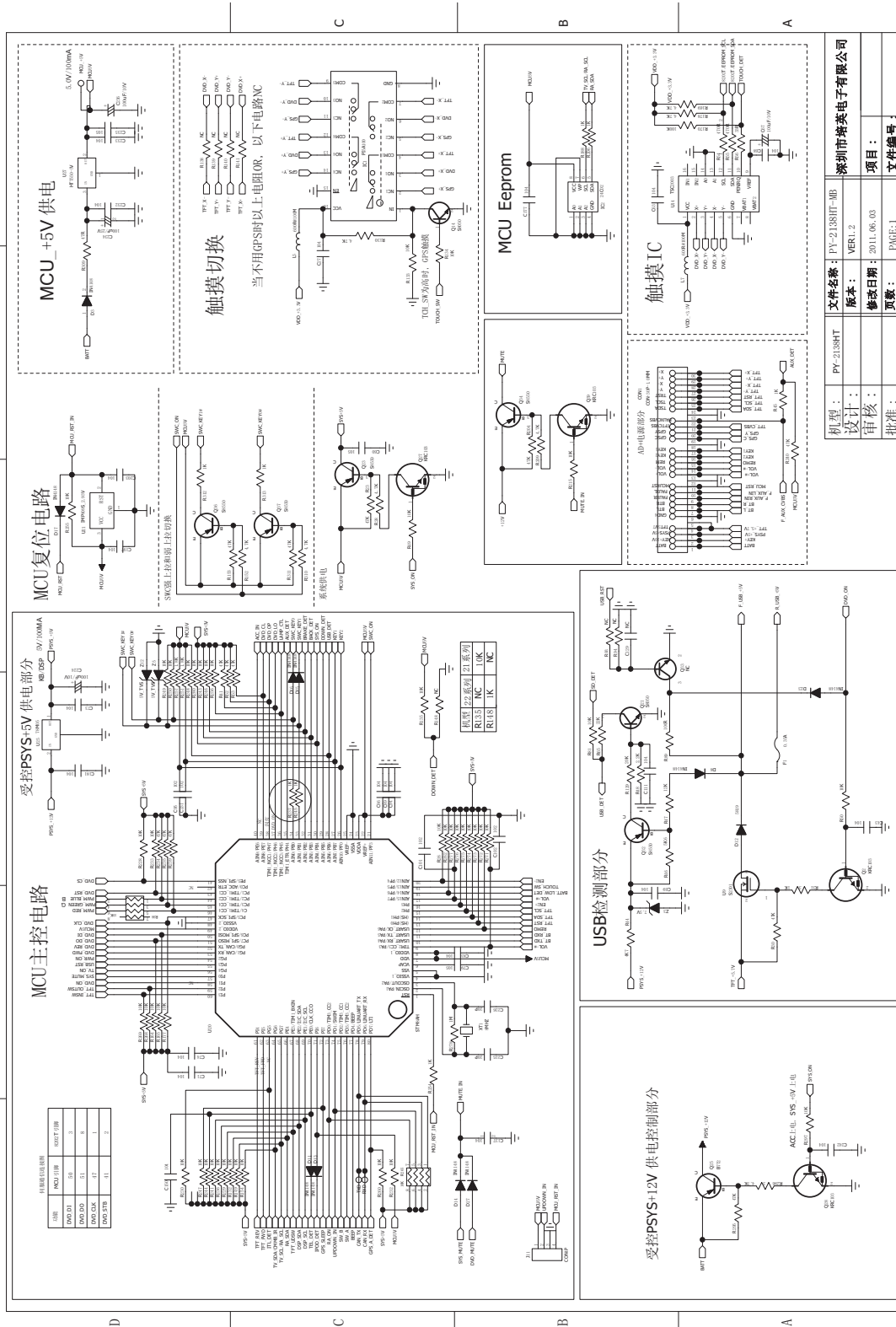
Mechanical Parts List

74-812801-1007	DVD遥控器(MY)	pc s	1.00000
90-02228T-0104	PY-2228T+TV 主结构料 B1-2011-289B	pc s	1.00000
43-102402-0006	散热片 ADC12 净重130g 表面喷砂 (内置模拟TV或带CAN)	pc s	1.00000
24-212000-0000	热缩胶管 内径 ϕ 12mm PVC/透明 T=0.3mm 工作范围-40至+125度	CM	1.20000
90-02218T-1002	PY-2218T/2228T/2238T外销主结构共用料 (浩科方案)	pc s	1.00000
43-012201-0100	面盖 冷轧板 T=1.0mm (43-012201-0110的素材)	pc s	1.00000
43-022201-0102	底盖, 上加铆四个铆钉, 冷轧板 T=1.0mm, (43-022201-0112的素材)	pc s	1.00000
43-062201-0100	左侧板 冷轧板 T=1.0mm (43-062201-0110的素材)	pc s	1.00000
43-072201-0100	右侧板 冷轧板 T=1.0mm (43-072201-0110的素材)	pc s	1.00000
59-072218-2623	六角铆钉, 攻牙M2.6, ϕ 5X22.9MM, 快削铁, 表面镀白锌	pc s	4.00000
44-012201-0110	斜机芯支架 SECC T=1.0mm 通用机用	pc s	1.00000
44-052138-0100	IC7384支架 (PY-2138)	pc s	1.00000
59-042001-2004	沉头平尾自攻螺丝 十字 2*4MM 镀镍	pc s	2.00000
59-042101-2004	十字沉头螺丝 (KM2.0*4) 机牙 镀黑锌 加硬	pc s	4.00000
59-042103-2506	沉头螺丝, 十字, 机牙, 镀白镍色, KM2.5X6	pc s	4.00000
59-022203-2610	自攻螺丝, 2.6X10白色小圆头, 十字尖尾	pc s	2.00000
59-022103-2611	机牙螺丝 M2.6*11MM 大圆头 十字 镀镍	pc s	2.00000
59-012103-2606	机牙大盘头平尾螺丝M2.6x6BZb, 白色	pc s	25.00000
59-012103-2004	机牙大盘头平尾螺丝M2x4BZb, 白色	pc s	3.00000
69-600050-0000	橡胶垫块 (60X5X5.5mm), 5.5mm方向 单面带3M双面胶	pc s	2.00000
44-062201-0901	收音屏蔽座 马口铁0.4MM(表面镀锡)	pc s	1.00000
44-062201-0902	收音屏蔽盖 马口铁0.4MM(表面镀锡)	pc s	1.00000
56-055022-0208	PVC垫片 PVC T=0.2mm	pc s	1.00000
71-012201-0001	碟口防尘布 混狼皮+PC, 带有长方形孔	pc s	1.00000
43-102138-3000	IC小散热片, 铝片, T=1.5MM 39.5*33.5MM	pc s	1.00000
90-02228T-0204	PY-2228T+TV 前咀结构料 B1-2011-289B	pc s	1.00000
40-0222A2-0105	面壳 (100) ABS777D/BLACK表面喷哑黑, 再丝印银字877C (RES/AUX/SD/型号: MDD-6240S/LOGO:MYSTERY) (A款)	pc s	1.00000
40-042201-0100	围框 ABS777D/Black, 表面喷哑黑油 (2218A款用)	pc s	1.00000
41-012202-0101	电源钮 ABS瓷白 表面喷亚黑, 再光刻光字	pc s	1.00000
41-022202-0101	出碟钮 ABS瓷白 表面喷亚黑, 再光刻光字	pc s	1.00000
41-032202-0101	MUT钮 ABS瓷白 表面喷亚黑, 再光刻光字	pc s	1.00000
41-042202-0101	RAD钮 ABS瓷白 表面喷亚黑, 再光刻光字	pc s	1.00000
41-052202-0101	快进钮 ABS瓷白 表面喷亚黑, 再光刻光字	pc s	1.00000
41-062202-0101	快退钮 ABS瓷白 表面喷亚黑, 再光刻光字	pc s	1.00000
41-072202-0102	EQ/LOU钮 ABS瓷白 表面喷亚黑, 再光刻光字	pc s	1.00000
41-082202-0102	? // /BND/▼钮, ABS瓷白, 表面喷亚黑, 再光刻光字	pc s	1.00000
41-092202-0101	复位钮 ABS777D/BLACK	pc s	1.00000
41-1022A2-0102	SD盖 ABS777D/BLACK 表面喷亚黑, 再丝印银字877C SD	pc s	1.00000

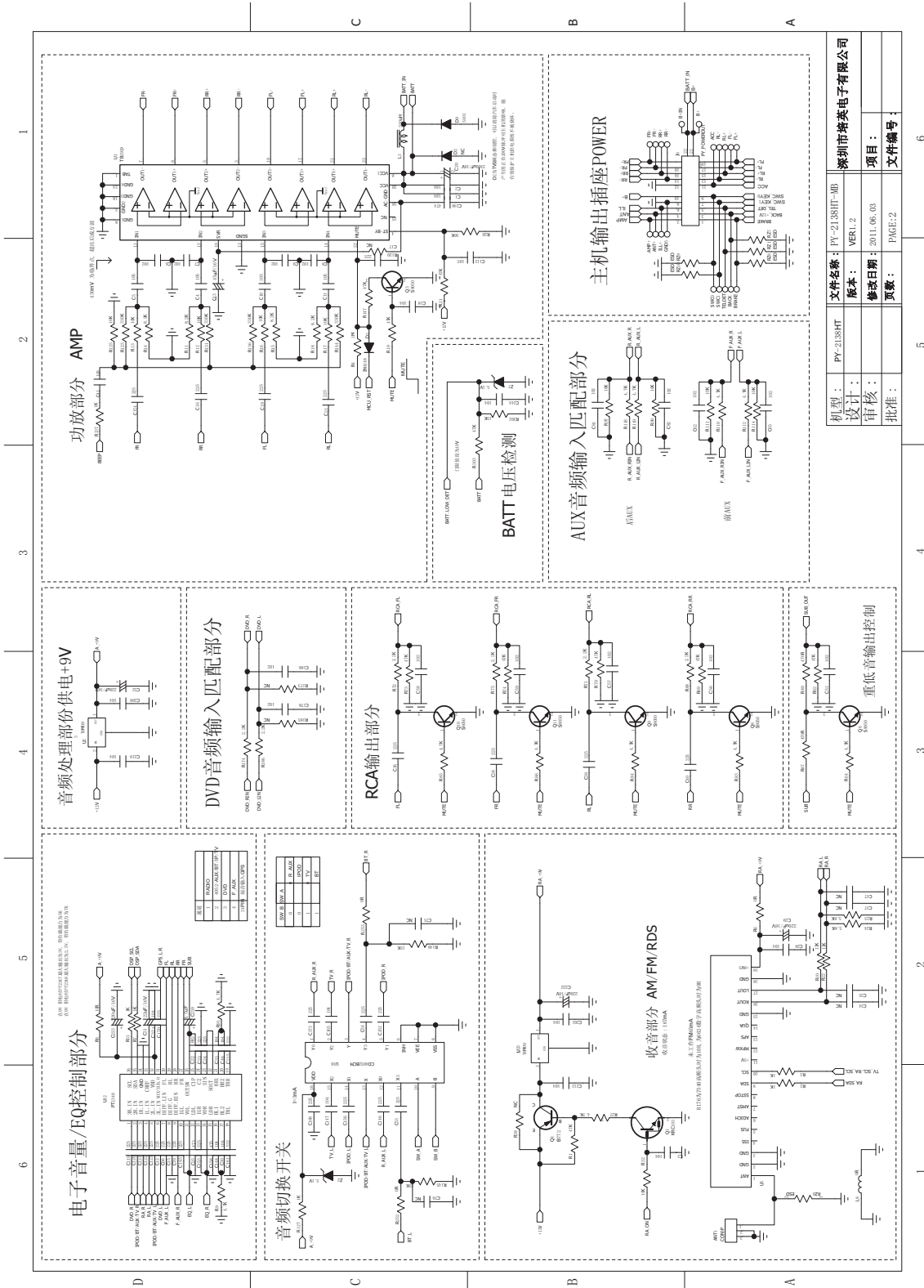
Mechanical Parts List

41-112202-0000	IR支架 ABS777D/Black	pcs	1.00000
41-612202-0100	旋钮底座 ABS/瓷白, 表面喷亚黑	pcs	2.00000
41-622202-0100	旋钮盖 ABS/瓷白, 表面喷亚黑, CD放射纹	pcs	2.00000
41-662202-0902	遥控窗镜片 PC透明 啤成深紫红色209C, 再丝印银字877C IR	pcs	1.00000
41-672202-0000	碟口透光片 PC透明 底部喷白油	pcs	2.00000
43-032218-0110	前架 SECC T=1.0mm	pcs	1.00000
56-012202-0007	旋钮橡胶圈 橡胶 表面晒纹	pcs	2.00000
56-022202-0007	SD盖拉扣 橡胶 表面火花面	pcs	1.00000
41-112202-0101	GPS盖 ABS /瓷白, 表面喷哑黑	pcs	1.00000
59-022003-2008	螺丝, (PA 2.0X8) 十字小头 自攻半咀黑色镀镍加硬	pcs	8.00000
69-055055-4001	遥控接收头垫 (EVA 硬度30), 5.5*5.5*4mm	pcs	2.00000
90-02228T-0304	PY-2228T+TV 包材 B1-2011-289B	pcs	1.00000
43-190000-0101	万能安装支架A SECC T=1.0mm	pcs	1.00000
43-190000-0102	万能安装支架B SECC T=1.0mm	pcs	1.00000
48-011138-0102	保护膜 (134.4*74.4MM 厚度0.1MM) 配6.2寸触摸屏	pcs	0.15000
56-120090-0004	塑胶袋90mm*120mm*0.05T	pcs	1.00000
62-022201-0000	珍珠棉 260X220X90	pcs	2.00000
62-022118-0001	主机胶袋 385x325x0.05mm	pcs	1.00000
62-059198-0001	眼镜盒胶袋235*135*0.05MM短边开口	pcs	1.00000
62-052198-0001	说明书胶袋 240*180MM (带封口条)	pcs	1.00000
59-042101-5060	螺丝 (PM5.0X6) 十字半圆头机牙黑色镀镍 装车支架用	pcs	8.00000
59-042101-4060	螺丝 (PM4.0X6) 十字半圆头机牙黑色镀镍 装车支架用	pcs	8.00000
56-070050-0004	塑胶袋50*70mm 自封袋	pcs	1.00000
63-058118-0901	QC PASSED LABEL 白底黑字(10MM)	pcs	1.00000
62-058118-0005	输出线胶袋 200*80mm	pcs	2.00000
63-048118-0401	CLASS I LABEL 黄底黑字(52*26MM)	pcs	1.00000
63-268118-0201	机芯螺丝封条(55*11MM)	pcs	2.00000
60-B12066-14-01	俄文说明书, (内页用华劲80g书写纸, 封面用长鹤128g 双铜, 共P) 型号: MDD-6240S	pcs	1.00000
63-B12075-03-01	机面贴纸 白底黑字, 尺寸: 85X65MM 型号: MDD- 6240S	pcs	1.00000
63-B11289-02-02	流水号贴纸, 一式五联	套	1.00000
63-D07037-0103	VIH系列贴纸 (每次版本不同, 请每次自行更新)	pcs	4.00000
63-B12075-0002	MDD 彩盒贴纸 白底黑字 尺寸: 48.6X25MM	pcs	1.00000
63-B12075-0003	MMTD/MDD说明书贴纸 白底黑字 尺寸: 48.6*25MM	pcs	1.00000
63-090000-01-02	安全封条 (通用)	pcs	0.50000
63-002188-0001	警告贴纸 材质: 不干胶 耐温复合材质 表面过光胶(50 顶) 黄底黑字 尺寸: 49.8*24.8MM (国外专用)	pcs	1.00000
64-B11289-0002	保修卡(128g双铜)	pcs	1.00000
65-B11289-02-01	卡通箱(平口箱)A=A 4pcs(553X333X492mm) 型号:MDD- 6240S	pcs	0.25000
66-B12025-14-01	彩盒(扣底上开盖加保险扣)318x268x236MM(350g粉灰裱 B9加强双坑磨光) 型号:MDD-6240S	pcs	1.00000
63-049138-1001	TV ANTENNA贴纸	pcs	1.00000

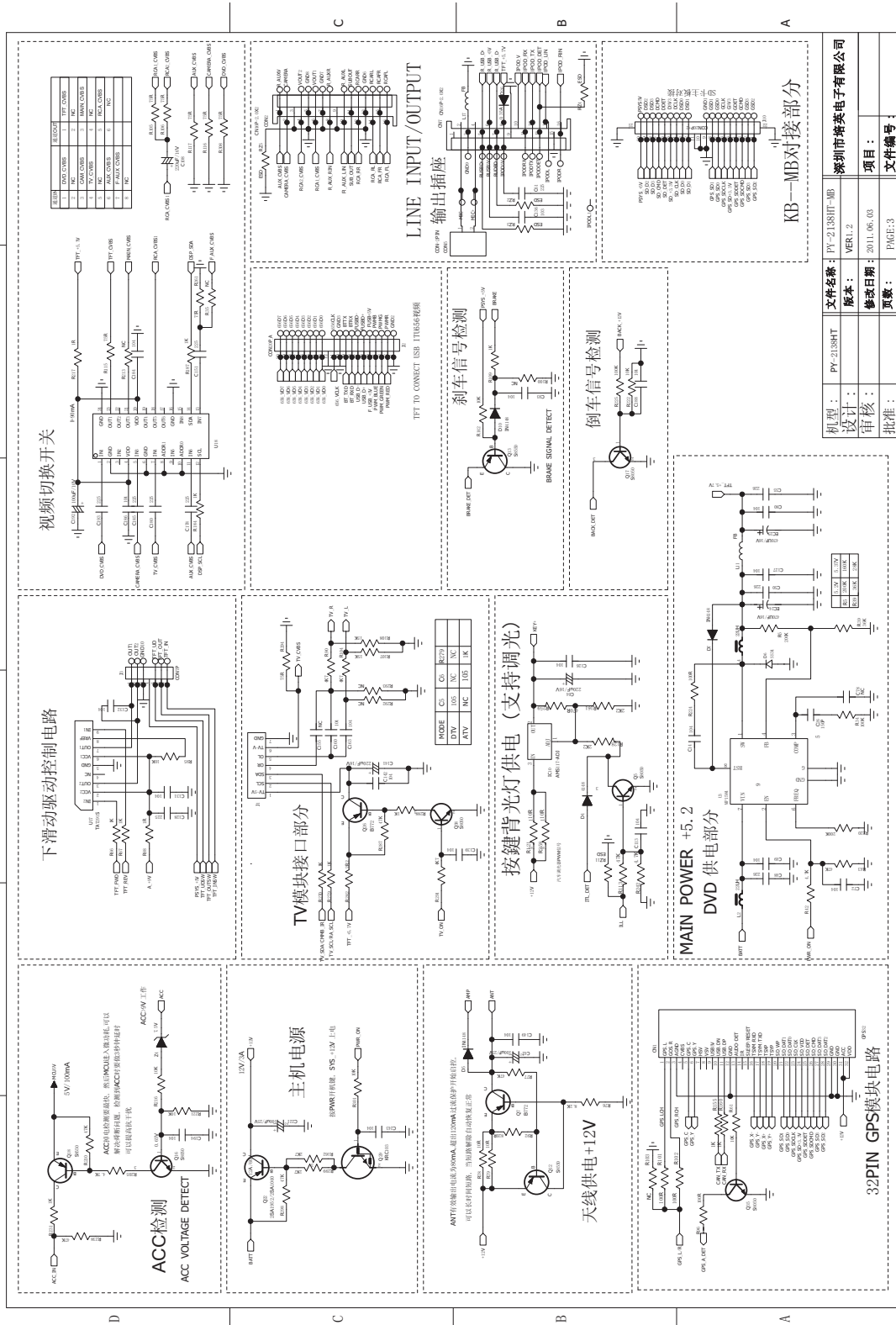
SCHEMATIC DIAGRAMS



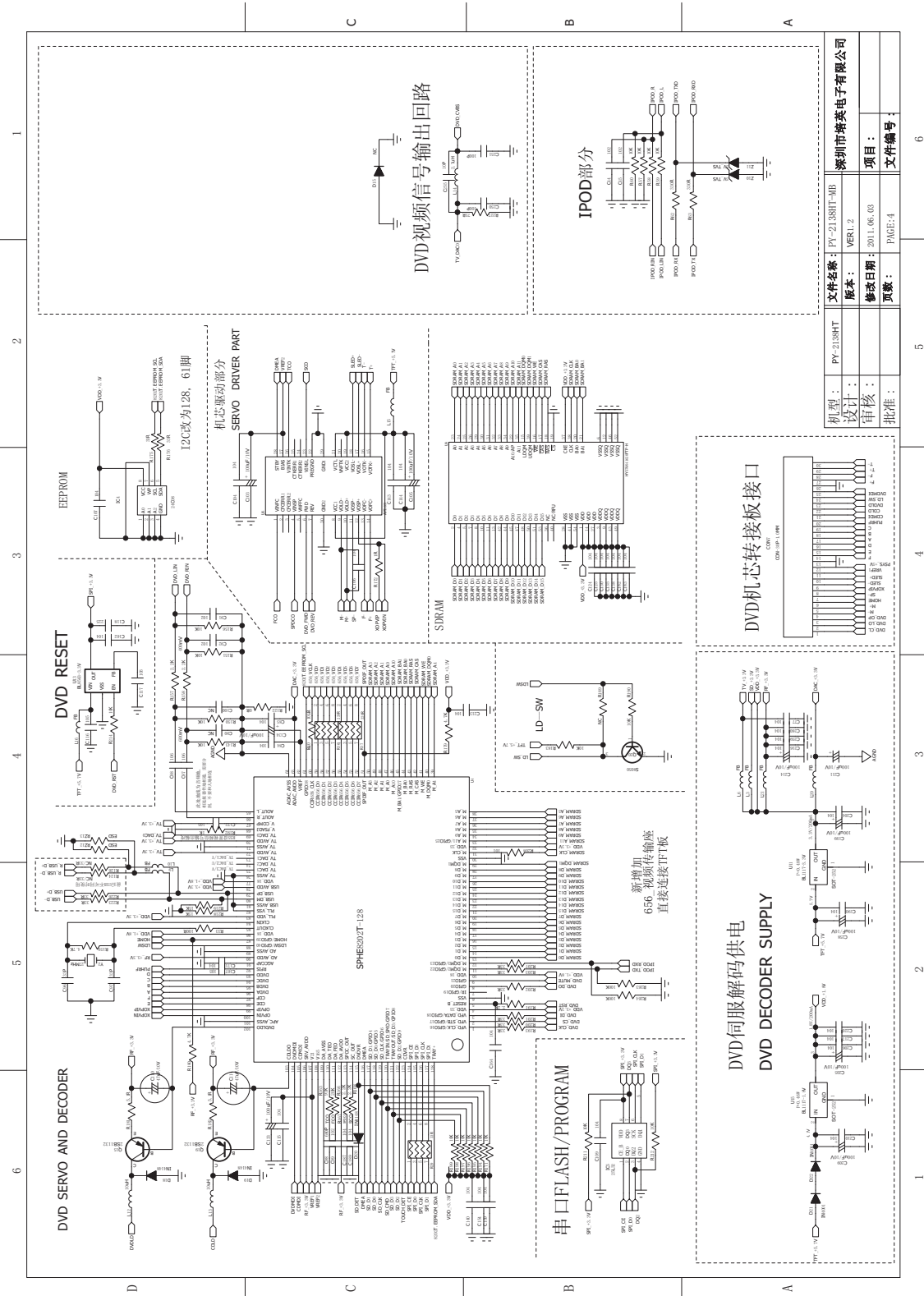
SCHEMATIC DIAGRAMS



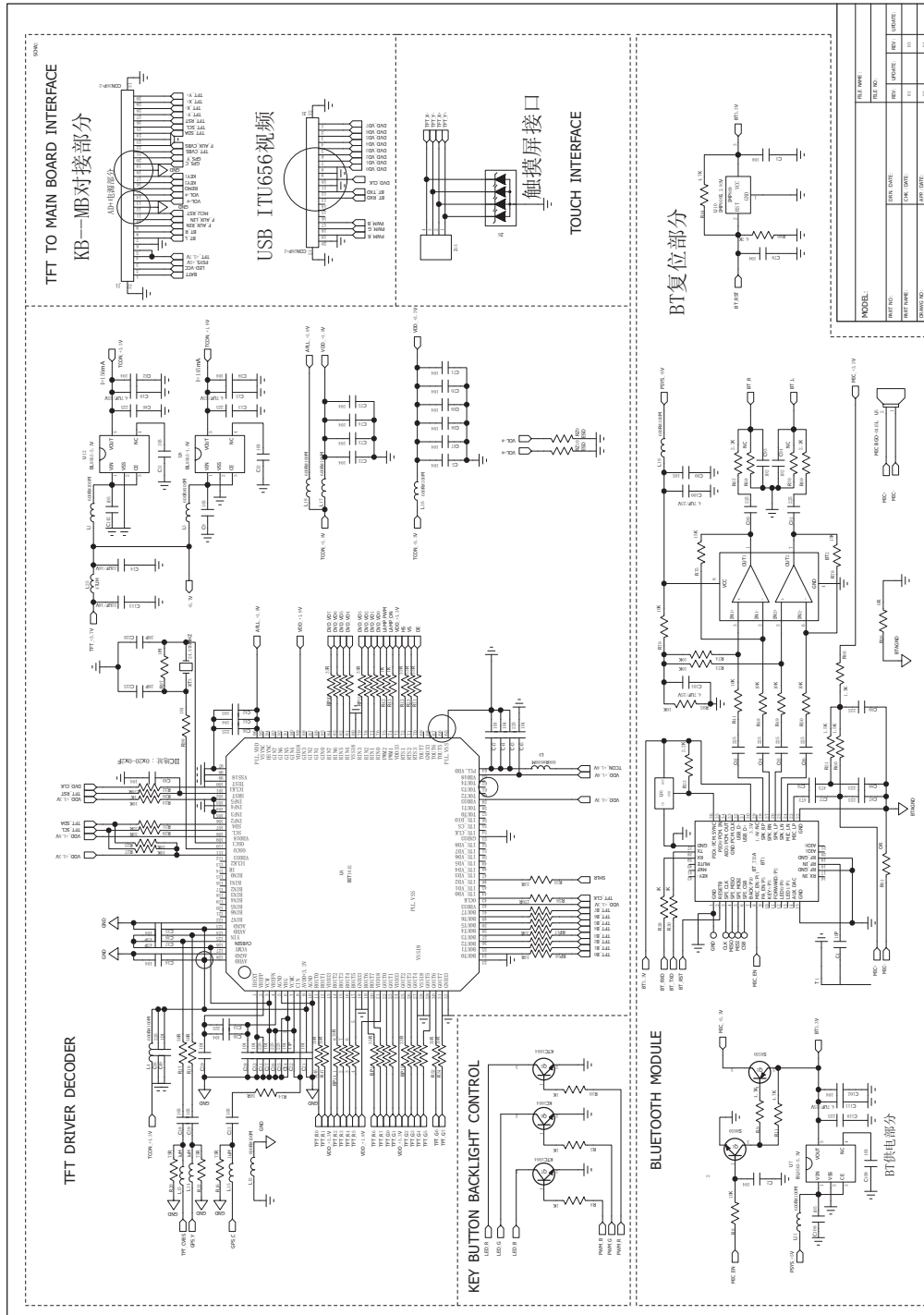
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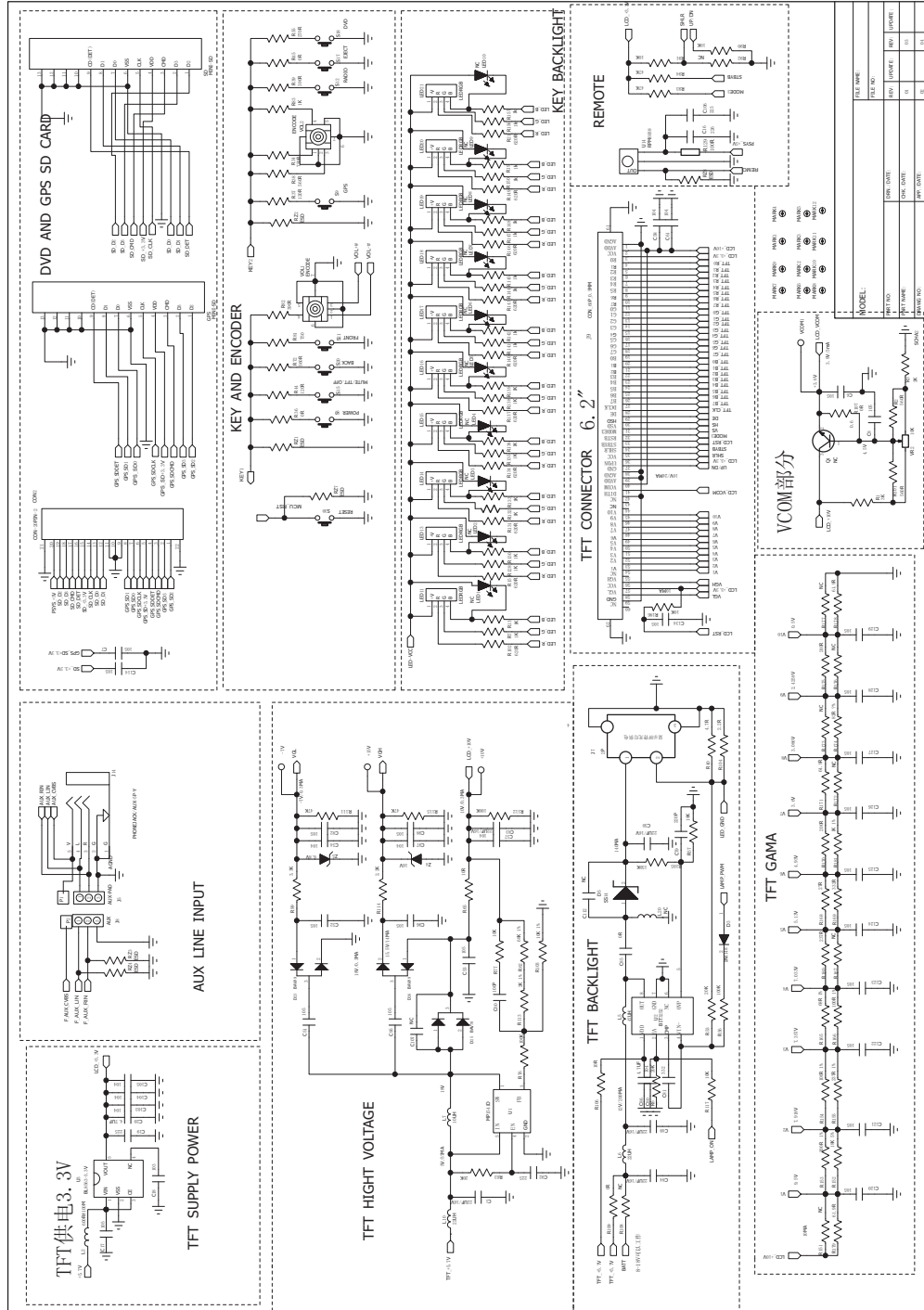
SCHEMATIC DIAGRAMS



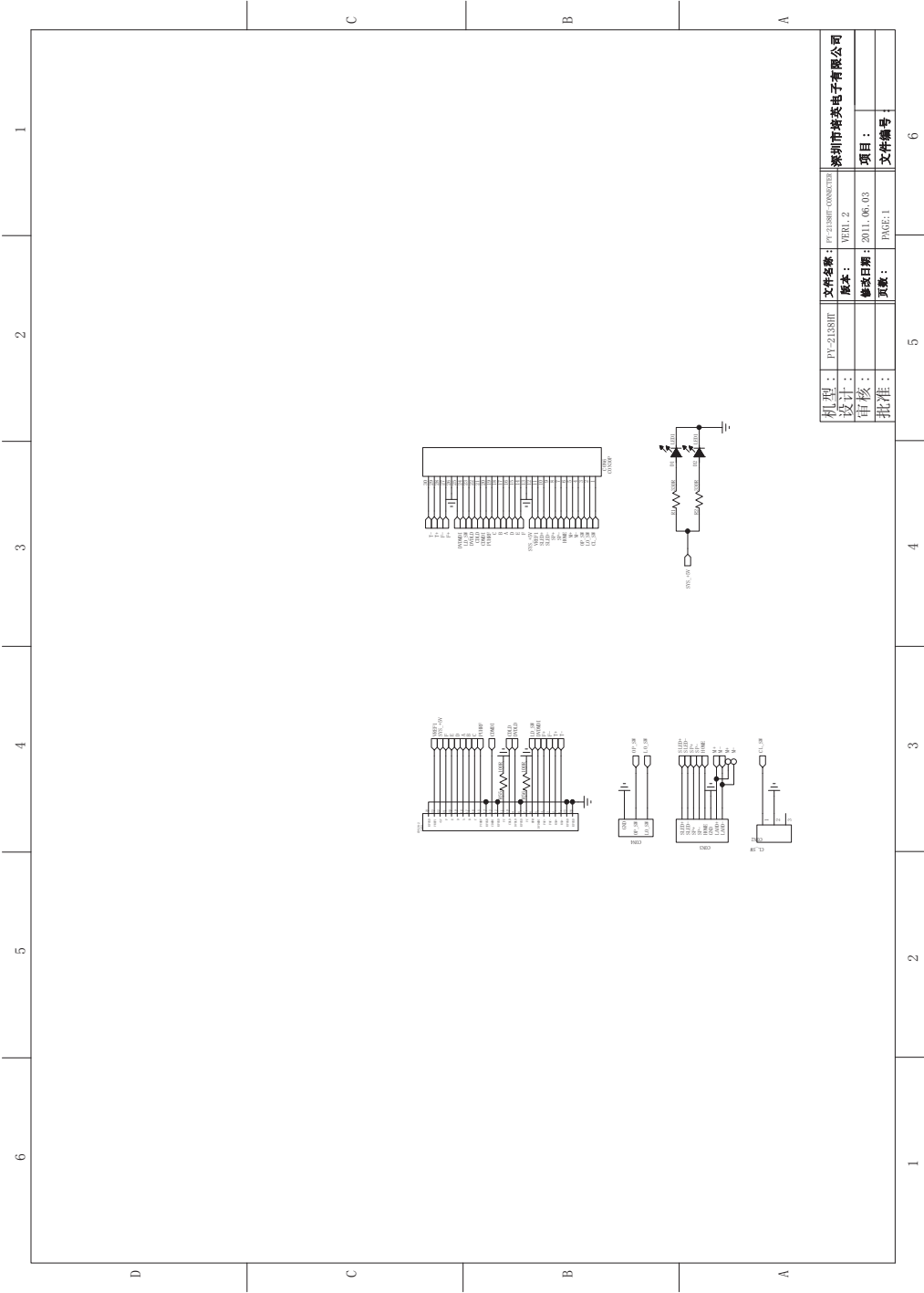
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SCHEMATIC DIAGRAMS



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机型:	PY-2138H	文件名称:	PT-2138H CONNECTED	深圳市培英电子有限公司
设计:		版本:	VER. 2	
审核:		修改日期:	2011.06.03	项目:
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