

DTA-1486 COLOUR TELEVISION

SERVICE MANUAL

Models:
DTA-1486

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1. SAFETY

1. The design of this product contains special hardware, many circuits and components especially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (!) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards
4. Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing. Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE: () side GND, ISOLATED (NEUTRAL): () side GND and EARTH: () side GND. Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time. If above note will not be kept, a fuse or any parts will be broken.
5. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
6. The high voltage applied to the picture tube must conform to that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W

PRECAUTIONS

9. Isolation Check
(Safety for Electrical Shock Hazard)
After re-assembling the product, always perform check on the exposed metal parts of the cabinet terminals, video/audio input and output terminals, knobs, metal cabinet, screw heads, earphone jack shafts, etc.) to be sure the product is safe to open without danger of electrical shock.
10. The surface of the TV screen is coated with a thin film which can easily be damaged. Be very careful with it when cleaning the TV. Should the TV screen become soiled, wipe with a soft dry cloth. Never rub it forcefully. Never use alcohol or detergent on it.
- (1) Dielectric Strength Test
The isolation between the AC primary circuit and the parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (...Withstand a voltage of 1100V AC (r.m.s.) to an exposed metal part rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires test equipment not generally found in the service trade.
- (2) Leakage Current Check
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformers during this check). Use a "Leakage Current Tester", measure the leakage current between each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis and a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).
●Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use a voltmeter having 1000 ohms per volt or more sensitivity and measure in the following manner. Connect a 1500Ω 10W resistor in series with the exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to the next exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug of the AC outlet and repeat each measurement. Any voltage across the resistor must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.)

2. Block diagram TDA9351 PS/N3/2 series with mono intercarrier sound demodulator

3. REPLACEMENT OF MEMORY IC

1. MEMORY IC.

This TV uses memory IC. In the memory IC are memorized data for correctly operating the video and deflection circuits.

2. PROCEDURE FOR REPLACING MEMORY IC

- (1) Power off
Switch the power off and unplug the power cord from AC outlet.
- (2) Replace IC
Be sure to use memory IC written with the initial data values.
- (3) Power On
Plug the power cord into the AC outlet and switch the power on.
- (4) Check and set SYSTEM default value:
 - 1) Press "MUTE" à "CALL" à "-\--" à "CALL" à "MUTE" buttons in sequence to enter into factory status.
 - 2) If the memory IC haven't been written with the initial data, press [Program+] / [Program-] to select item INIT and press [VOLUME+] / [VOLUME-] to start initialize memory IC.
 - 3) Check the setting value of the SYSTEM default value of Table below. If the value is different, items by [Program+] / [Program-] keys and set value by [VOLUME+] / [VOLUME-] keys.
 - 4) Press "EXIT" button to return to the normal screen.

4. SERVICE ADJUSTMENT

Specific operation: use remote controller

Press "MUTE" à "CALL" à "-\--" à "CALL" à "MUTE" buttons in sequence to enter into factory mode.

Press [Program+] / [Program-] to select items and press [VOLUME+] / [VOLUME-] key, to make data adjustment of corresponding factory menus.

Press "EXIT" key to exit factory mode.

Focus adjustment

1. Receive a crosshatch signal.
2. While watching the screen, adjust the FOCUS VR on the FBT to make the vertical and horizontal lines fine and sharp as possible.

Geometrical adjustment

Receive PAL standard complete pattern signal.

Adjustment steps :

- a) Adjust VSL, to the centre horizontal line just appears from half bottom shadow.
 - b) Adjust VAM, to get 92% of vertical picture contents would be displayed on CRT.
 - c) Adjust VSH, the centre horizontal line corresponds to CRT vertical centre.
 - d) Adjust SCL, to the linearity of P card field is in proper condition.
 - e) Adjust HSH, to get the picture horizontal centre correspond to CRT horizontal centre.
- Receive NTSC signal and repeat above adjustment.

AGC Adjustment

Receive 60dBµ (1mV) VH colour bar pattern signal.

Select TOP item.

Adjust value, to noise reduce gradually and just disappeared point.

CRT cut off and white balance adjustment

Adjustable Items

Direct access key	Items	Description	Preset
"0"	VG2	Adjust VG2 voltage	
"1"	5/6HSH	Horizontal shift	ON
"2"	5/6VSL	Vertical slop	21
	5/6VAM	Vertical amplitude	45
	5/6SCL	S-correction	20
	5/6VSH	Vertical shift	38
	5/6VOF	OSD Vertical offset	38
	HOF*	OSD Horizontal offset	20
"3"	RED	Black level offset R	32
	GRN	Black level offset G	32
	WPR	White point R	31
	WPG	White point G	31
	WPB	White point B	31
	YDFP	Y-Delay for PAL	
	YDFN	Y-Delay for NTSC	
	YDFS	Y-Delay for SECAM	
	YDAV	Y-Delay for AV	
	COOL		
	WARM		
	LCT	OSD gain reduction	
	TLCT	Teletext gain reduction	
"4"	TOP	AGC Take-over point	27
	VOL	Volume	36
	9874	Gain control for TDA9874	59
	AVLT		5
	9860		1
	IFFS	Vision IF	32
	HDOL	Cathode drive level	31
	AGC	IF AGC speed	
	VG2B	VG2 Brightness	
	PF	Peaking center frequency	
"5"	Picture preset 1		
	0CON	Listen: Contrast	0
	0BRI	Listen: Brightness	0
	0COL	Listen: Colour	50
	0SHP	Listen: Sharpness	50
	1CON	Soft: Contrast	45
	1BRI	Soft: Brightness	45
	1COL	Soft: Colour	50
	1SHP	Soft: Sharpness	50
"6"	Picture preset 2		
	2CON	Standard: Contrast	70
	2BRI	Standard: Brightness	50
	2COL	Standard: Colour	50
	2SHP	Standard: Sharpness	60
	3CON	Dynamic: Contrast	85
	3BRI	Dynamic: Brightness	60
	3COL	Dynamic: Colour	60

XMAX	"no signal"osd the horizon rightmost position
YMIN	"no signal"osd the vertical leftmost position
YMAX	"no signal"osd the vertical rightmost position

NOTE: THE ITEMS WITH REMARK "A" IS ADJUSTABLE DATA.

Optional data

1. OP1

Bit	Function	Description	Preset
Bit 7	OP_RGB	1=Enable	0
Bit 6	OP_DVD	1=Enable	1
Bit 5	OP_SVHS	1=Enable (Can only be selected either SVHS and DVD)	1
Bit 4	OP_AV2	1=Enable	0
Bit 3	OP_WOOFER_VOL	1=Enable	0
Bit 2	OP_SUPERWOOFER	1=Enable	0
Bit 1	OP_YPRPB	1=Enable	0
Bit 0	OP_VG2_MODE	1=Enable	1

2. OP2

Bit	Function	Description	Preset
Bit 7	OP_FSL	1=21dB μ V 0=26dB μ V	0
Bit 6	OP_SOY	1=Enable	0
Bit 5	OP_ARABIC_SET	1=Enable	1
Bit 4	OP_FARSI_SET	1=Enable	0
Bit 3	OP_CYRILLIC_SET	1=Enable	1
Bit 2	OP_EUROUP_SET	1=Enable	1
Bit 1	OP_AUTO_SOUND	1=Enable	1
Bit 0	OP_AVL	1=Enable	1

3. OP3

Bit	Function	Description	Preset
Bit 7	OP_RUSSIA	1=Enable	1
Bit 6	OP_ITALY	1=Enable	0
Bit 5	OP_GERMANY	1=Enable	0
Bit 4	OP_FRANCE	1=Enable	0
Bit 3	OP_TURKISH	1=Enable	1
Bit 2	OP_ARABIC	1=Enable	1
Bit 1	OP_FARSI	1=Enable	0
Bit 0	OP_ENGLISH	1=Enable	0

4. OP4

Bit	Function	Description	Preset
Bit 7	Reserved		0
Bit 6	OP_HALFTONE	1=Enable	1
Bit 5	OP_IDENT-SENSITIVE	1:21dbuv 0:26dbuv	0
Bit 4	OP_VCC		0

Bit	Function	Description	Preset
Bit 7	OP_STORE_AV	1= Enable	1
Bit 6	OP_OSO	1= Enable	0
Bit 5	OP_SOFT_CHANGE	1=Enable	0
Bit 4	OP_FADE	1=Enable	0
Bit 3	OP_SOUND_M	1= Enable	1
Bit 2	OP_SOUND_I	1= Enable	1
Bit 1	OP_SOUND_BG	1=Enable	1
Bit 0	OP_SOUND_DK	1=Enable	1

6. OP6

Bit	Function	Description	Preset
Bit 7	RESERVED	1=Enable	0
Bit 6	OP_POR_WHEN_BLUE	1=Enable	0
Bit 5	OP_MENU_MIDLINE	1=Enable	0
Bit 4	OP_MENU_BLUE	1=Enable	1
Bit 3	OP_CHILDLCK	1=Enable	1
Bit 2	OP_TINT	1=Enable	0
Bit 1	OP_BLUE_SCREEN	1=Enable	0
Bit 0	OP_LOGO_LISTEN	1=Enable	1

7. OP7

Bit	Function	Description	Preset
Bit 7	OP_FMWS	1= Enable	1
Bit 6	OP_HOTEL	1= Enable	0
Bit 5	OP_PROG-ID	1=Enable	0
Bit 4	OP_LED	1=Enable	0
Bit 3	OP_TWIST	1= Enable	1
Bit 2	OP_BYELORUSSIAN	1= Enable	1
Bit 1	OP_UKRANIAN	1=Enable	1
Bit 0	OP_AV1	1=Enable	1

8. OP8

Bit	Function	Description	Preset
Bit 7	OP_TILT	1= Enable	1
Bit 6	OP_DIRECT_WITCH-ON	1= Enable	0
Bit 5	OP_INEER-DVD	1=Enable	0
Bit 4	OP_PROG-FREQ	1=Enable	0
Bit 3	OP_FAST_BAR	1= Enable	1
Bit 2	OP_AUSTALIA	1= Enable	1
Bit 1	OP_FREQ	1=Enable	1
Bit 0	OP_9860	1=Enable	1

9. OP9

Bit	Function	Description	Preset
Bit 7	OP_YGN	1= Enable	1
Bit 6	OP_OPC	1= Enable	0
Bit 5	OP_BSD	1=Enable	0
Bit 4	OP_AAS	1=Enable	0
Bit 3	OP_FMWS1	1= Enable	1
Bit 2	OP_MVK	1= Enable	1
Bit 1	OP_CMSS	1=Enable	1
Bit 0	OP_OSVE	1=Enable	1

Note : Don't adjust any OPTION items, please inform the engineer about any change.

SYMBOL	PIN	DESCRIPTION
STAND BY output.	1	In STAND BY mode, low level (Power OFF). For Power ON this pin will be high.
SCL	2	I ² C-bus clock line
SDA	3	I ² C-bus data line
TUNING	4	tuning Voltage (Vt) PWM output
KEY	5	Control keys input
SYSTEM	6	TV system control
VOL	7	Sound Volume control PWM output
MUTE	8	Sound mute output
VSSC/P	9	Digit ground for µ-controller core and periphery
CTL	10	DVD power control
STANDBY	11	STANDBY control
VSSA	12	Analog ground of digital ground of TV-processor
SECPLL	13	Internally connected
VP2	14	2 nd supply voltage TV-processor(+8V)
DECDIG	15	decoupling digital supply of TV-processor
PH2LF	16	Phase-2 filter
PH1LF	17	Phase-1 filter
GND3	18	Ground 3 for TV-processor
DECBG	19	Band gap decoupling
AVL/EWD	20	Automatic volume levelling
VDRB	21	Vertical drive B output
VDRA	22	Vertical drive A output
IFIN1	23	IF input 1
IFIN2	24	IF input 2
IREF	25	Reference current input
VSC	26	Vertical sawtooth capacitor
TUNER AGC	27	Tuner AGC output
AUDEEM/SIFIN1 *1	28	Audio deemphasize or SIF input
DECSDEM/SIFIN2	29	Decoupling sound demodulator
GND2	30	Ground 2 for TV processor
SNDPLL/SIFAGC *1	31	Narrow band PLL filter
AVL	32	Automatic Volume Levelling
HOUT	33	Horizontal output
FBISO	34	Flyback input/sandcastle output
AUDEXT	35	External audio output
EHTO	36	EHT/over voltage protection input
PLL IF	37	IF-PLL loop filter
IFVO/SVO	38	IF video output / selected CVBS output
VP1	39	supply voltage TV processor
CVBS INT	40	internal CVBS input
GND1	41	ground for TV processor
CVBS/Y	42	CVBS/SVHS(Y) input
CHROMA	43	SVHS (C) input
AUDOUT	44	Audio output
INSSW2	45	YUV insertion input
R2/VIN	46	R input / V (R-Y) input / PR input
G2/YIN	47	G input / Y input
B2/UIN	48	B input / U (B-Y) input / PB input
BCLIN	49	Beam current limiter input
BLKIN	50	Black current input
RO	51	Red output
GO	52	Green output
BO	53	Blue output
VDDA	54	Analog supply of Closed Caption decoder and digital supply of TV-processor (3.3V)
VPE	55	Ground
VDDC	56	Digital supply to core (3.3V)

Note

Pin	TV	SVHS	AV1
62	1	0	0
63	1	1	0

2. N902 24C08/PCF8598

PIN	Function
1	GND
2	GND
3	Upper resistance
4	GND
5	SDA data wire
6	SCL clock wire
7	GND
8	+5V Power

3. N601: Sound power amplify (AN7522N)

Symbol	PIN	Function	Symbol	PIN	Function
Vcc	1	Power supply	GND	7	ground
Out 1 (+)	2	Ch 1 output (+)	In 2	8	Ch 2 input
GND(out 1)	3	Ch 1Ground	VOL	9	Volume Control
Out 1 (-)	4	Ch 1 output (-)	Out 2 (-)	10	Ch 2 output (-)
Standby	5	Mute input	GND(out 2)	11	Ch 2 Ground
In 1	6	Ch 1 input	Out 2 (+)	12	Ch 2 output (+)

4. N301: Vertical output (TDA8357A)

Symbol	PIN	Function	Symbol	PIN	Function
INV IN	1	Input	PUMP UP	6	Pump up power
INV IN	2	Input	V OUT	7	Vertical output
Vcc	3	Pump up power	V PRO	8	Vertical protection
V OUT	4	Vertical output	V FEEDBACK	9	Vertical feedback
GND	5	Ground			

5. U101 : Tuner

PIN	Function	PIN	Function
1	AGC	7	+5V
2	vacant	8	vacant
3	Gnd	9	Vt 33V
4	SCL	10	Gnd
5	SDA	11	IF Out
6	+5V		

95Vpp	95Vpp	95Vpp	0.9Vpp	5Vpp
H	H	H	H	H
CRT KR	CRT KG	CRT KB	TDA9351 PIN33	TDA9351 PIN34
1Vpp	0.8Vpp	1.3Vpp		
V	V			
TDA9351 PIN21	TDA9351 PIN22	TDA9351 PIN59		

7. IC voltages

TDA9351

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
V	0	3.8	3.6	3.3	3.5	4.4	5.1	1.8	0	0.18	0.17	0	2.3	8	5
PIN	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
V	4	0	4	0.5	0.7	0.8	1.9	1.9	3.9	3.8	1.6	3.2	2.3	0	2
PIN	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
V	0.5	0.3	0	1.7	2.4	3.4	8	3.9	0	3.3	0	3.6	1.4	2.5	2
PIN	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
V	1.9	5.0	2.4	2.4	2.4	3.1	0	3.2	0	1.8	1.7	0	3.2	5.1	3

TDA8357

PIN	1	2	3	4	5	6	7	8	9
V	0.8	0.7	16	6.9	0	43	7.2	0.3	7.2

AN 7522N

PIN	1	2	3	4	5	6	7	8	9	10	11	12
V	10	4.4	0	4.4	2.75	1.4	0	1.4	0.35	4.4	0	4.4

24C08/PCF8598

PIN	1	2	3	4	5	6	7	8
V	0	0	5.1	0	3.2	0	0	5.1

PURITY ADJUSTMENT

- 1. Demagnetize CRT with the demagnetizer.
- 2. Loosen the retainer screw of the deflection yoke.
- 3. Remove the wedges.
- 4. Input a green raster signal from the signal generator, and turn the screen to green raster.
- 5. Move the deflection yoke backward.
- 6. Bring the long lug of the purity magnets on the short lug and position them horizontally. (Fig2)
- 7. Adjust the gap between two lugs so that the GREEN RASTER will come into the centre of the screen. (Fig. 3)
- 8. Move the deflection yoke forward, and fix the position of the deflection yoke so that the whole screen will become green.
- 9. Insert the wedge to the top side of the deflection yoke so that it will not move.
- 10. Input a crosshatch signal.
- 11. Verify that the screen is horizontal.
- 12. Input red and blue raster signals, and make sure that purity is properly adjusted.

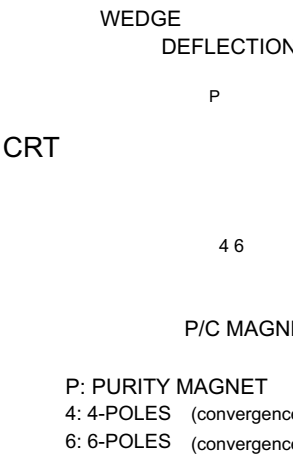
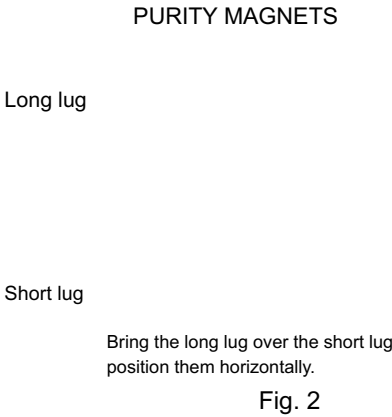


Fig. 1



(FRONT VIEW)

GREEN

STATIC CONVERGENCE ADJUSTMENT

- 1. Input a crosshatch signal.
- 2. Using 4-pole convergence magnets overlap the red and blue lines in the center of the screen (Fig. 1) and turn them to magenta (red/blue).
- 3. Using 6-pole convergence magnets overlap the magenta (red/blue) and green lines in the center of the screen and turn them to white.
- 4. Repeat 2 and 3 above, and make the best convergence.

(FRONT VIEW)

Fig. 1

DYNAMIC CONVERGENCE ADJUSTMENT

- 1. Move the deflection yoke up and down and overlap lines in the periphery. (Fig. 2)
- 2. Move the deflection yoke left to right and overlap the lines in the periphery. (Fig. 3)
- 3. Repeat 1 and 2 above, and make the best convergence.

(FRONT VIEW)

RED GREEN BLUE

BLUE

GREEN

RED

BLUE GREEN RED

Fig.2

(FRONT VIEW)

RED GREEN BLUE

BLUE GREEN

After adjustment, fix the wedge at the original position.
Fasten the retainer screw of the deflection yoke.
Fix the 6 magnets with glue.

Fig. 3

9. DVD Part: Introduction of MTK1389E maintenance

NOTE: MTK1389E is a type of LSIC for DVD decode .MTK1389E
RF,SERVO,DSP,DECODE,VIDEO DAC and AUDIO DAC.

1. Under normal power supply conditions, the maintenance plan for MT1389E mono-chip is: first the system reset circuit resets the MT1389E , after the crystal oscillator circuit gave the clock signal to MT1389E , MT1389E will start the initialization check for Flash、E²PROM、 SDRAM, after everything is checked to be normal, then start the initialization check for built-in Audio DAC, servo and motor Driver IC .
2. If the all the a.m. parts are good, then MT1389E will send signal to motor Driver to drive the servo motor system , pick up then to generate DVD light for collection, tracing the main shaft to check if there is any disc, then confirm if it is CD format or DVD format disc. If the disc is in DVD format, the system will read the data from the disc directly; if it is in CD format built-in servo will drive the CD laser to send out CD light and read the data, then the data then will be amplified through built-in RF amplifier and sent to MT1389E decode part for data processing, then released by MPEG and resolved into video data and audio data, then they will be returned to analog output through built-in VIDEO DAC、 AUDIO DAC.

Decoder section

3. There is power supply, clock and reset, but the system does not work.
 - 1) Check if all the address wires required for FLASH are exist, and if they are in normal status, especially check if the A0~A15 of FLASH have normal signals, if there aren't, then inspect MT1389E to see if there is faulty soldering. If there are normal signals at A0~A15, check if the address data signal of MT1389E and SDRAM is normal. If it is normal, then check the signal at A16~A19 of MT1389E ; if there are also signals, then check the video output wires and AV filter circuit; if there is no signal, then check the corresponding pins of MT1389E to see if there is any short circuit, break or faulty soldering.
4. System in normal operation, but the audio has no sound.
 - 1) Because the AUDIO DAC is built in MTK1389E IC.you need to check the low-pass filter (LPF) circuit, the amplifying circuit and the MUTE circuit at the back of the LPF circuit. Also check if there is any power supply problem at the LPF circuit.
 - 2) Check if the power supply voltage required for playing is at normal level.

Servo Section

5. After the LOGO of the machine shows normally, there is no OSD display. This problem mainly is caused by the abnormality built-in RF and servo, possible problems may be:
 - 1) Built in RF and its surrounding circuits have problems.
 - 2) Servo part of MT1389E has problems.
 6. OSD display is normal , while there is no action of servo part (feeding motor does not work, main shaft has no turn, possible fault status are:
 - 1) The corresponding signals giving by MT1389E to DMSO、 FMSO are missing, the reason may be the problem of MT1389E or the communication between MT1389E and motor Driver IC SA566.
 - 2) Not output from Motor Driver, the reason may be the problem on motor Driver or its corresponding circuit.
 7. Servo part in good status, while there is no pick up action (no light, no focus)
 - 1) No light, check the power supply (power supply for pick up) , or the light producing driving circuit, if they are in normal status.
 - 2) No focus, check MT1389E to see if there is signal output from FOSO、 TRSO.
Secondly, check motor driver to see if there is F+、 F-、 T+、 T-signal output.
Thirdly, check the external corresponding circuit of the motor driver to see if there is any problem.
 8. All the servo part has action, while it cannot read out the disc
 - 1) Check MT1389E if there is RF net picture output, if there isn't, then it must be the problem of MT1389E and external surrounding circuits, if there is output, then it might be the problem of motor driver and its surrounding circuits.
 - 2) There is RF signal , but not in normal status , then check MT1389E and surrounding circuit.
 - 3) Everything is normal, but the disc cannot be read out, check MT1389E and its surrounding circuit.

10. List of Parts

0090204510	light transmission pillar	MTAA7011AA--Q
0090600011	Tapping Screw	SJ2824-87 ST3X10F
0090204511	Nine Buttons	MTAA7012AA--Q
0090600011	Tapping Screw	SJ2824-87 ST3X10F
0090204513	TOP pad	MTAA7014AA--Q
0090204514	Bottom pad	MTAA7015AA--Q
0090204512	Power Switch Cap	MTAA7013AA--Q
0090100663	Spring	MTBH7004BC--Q
0094002137	Speaker	YDT0407-9AU-8W-8Ω
0090401453	Speaker Wire (550mm)	SpeakerWire -500
0090600012	Tapping Screw	SJ2824-87 ST3X8F
0090600012	Tapping Screw	SJ2824-87 ST3X8F
0090600012	Tapping Screw	SJ2824-87 ST3X8F
0090800020	Metal Clamp	
0090600203	Tapping Screw	SJ2824-87 ST4X8F
0090401676	Wire	D2006-12P-D2512-10P-TJC3-
0090401336	Front-AV Connector Wire	
0090808978	DVD Subassembly	
0094012898	DVD Assembly	
0090204556	DVD Bracket	
0090100709	DVD Shielding cover (Top)	
0090100710	DVD Shielding cover (Bottom)	
0090600011	Tapping Screw	SJ2824-87 ST3x10F
0094011442	DIVX Subassembly	DS-C010C
0090203564	Sponge bar	
0090204529	DVD	
0090701017	Back-Cover Subassembly	BJH7008-----Q
0090810119	Back-Cover Assembly	MTZA7008AC--Q
0090204526	Back-Cover (Double SCART)	MTFC7011AJ--Q
0090600037	Tapping Screw	SJ2825-87 ST3X10F
0090204528	AV Label (Double SCART)	69.6X71.4
0090402611	DC Board Connector Wire	300
	DC Power Jack	
0090600011	Tapping Screw	SJ2824-87 ST3x10F
0090100652	Assembly material subassembly	MTZC7008AA--Q
0090200008	High-Voltage Wire Clamp	TEM101
0090200047	Wire Clamp	TMMOA411-1
0090204563	14 DVD	MTAH7008AA--Q
0090205631	Power Clamp	MTAH4066AA--Q
0090600015	Tapping Screw	SJ2824-87 ST4X12F

0090701029		Bracket Subassembly	
0090402257		Main Board and DCConnector Wire	TJC1-3Y-500-TJC1-3Y
0090204544		Bracket	MTAC7013AA--Q
0090600037		Tapping Screw	SJ2825-87 ST3X10F
0090201400		Press Bar	PS
0090200038		040Wire Clamp	MTAJ1001AG--Q
0094013485		Power Wire Subassembly	BJG7006-----Q
0094000141		Power Switch	KDC-A04MU017
0090200232		Thermal Shrinkage Pipes	4*20
0090400437		Power Wire	2.3m
0090400587		Power Connector Wire	
0090100664		Power Switch Bracket	MTBH7005BC--Q
0090600074		Tapping Screw	GB9074.4-88 M3X8F
0094013481		CRT Subassembly	
0094007554		CRT14"	A34AGT13X53
0090401302		Wire	JE215-0C3014Q
0094501271		Degaussing Coil	HXC-35F
0090100297		Bolt	SJ2824-87 ST5X25
0090700954		Carton Subassembly	
0090207073		Back-Cover Label	Russian
0090506371B		Carton	
0094000105		Battery	5#
0090204759		Specification Bag(Small)	
0094013897E		Remote Control	
0090204758		14"Plastic Bag	
0090500018		Power Wire Plastic Bag	
0090506993		Specification	Three Languages
0090507041		Warranty card	
0090507042		Telephone Book	
0090100306		Metal Wire	60mm
0090402118		DCC onnector Wire	
0094501060		Antenna Subassembly	TLT-2000-I
0090701030		Main Board Subassembly	
0094009813		Main Board Premaching Subassembly	
0090100450	N301B	Radiator	Radiator
0094401409	N301C	IC	TDA8357J
0090600097	N301D	Tapping Screw	ST3X8F SJ2831-87

0094400808	N802C	IC	L7809CS
0090600097	N802B	Tapping Screw	ST3X8F SJ2831-87
0090100017	N802A	Radiator	QHS-30184A
0094401684	N601B	IC	AN7522N
0090100665	N601A	Radiator	QHS-30184A
0090600097	N601C	Tapping Screw	ST3X8F SJ2831-87
0094401923	N804B	IC	KA278R05 ()
0090100010	N804A	Radiator	MTBH4070BC--Q
0090600097	N804C	Tapping Screw	ST3X8F SJ2831-87
0094400450	N808	IC	L7805CV
0094100023	R625	Oxide-Film Resistor	RT13-1/6W-1K-J-----T
0094102578	R110	Oxide-Film Resistor	RY16S-1W-33-J-05-E-A
0094102667	R407	Oxide-Film Resistor	RY16S-1W-3.9K-J-12.5-E-A
0094100097	R307	Oxide-Film Resistor	RY17S-2W-390-J-05-E-A
0094102457	R414	Oxide-Film Resistor	RY17S-2W-1K-J-05-E-A
0094100098	R413	Oxide-Film Resistor	RY17S-2W-7.5K-J-05-E-A
0094102580	R810	Oxide-Film Resistor	RY17S-2W-18K-J-17.5-L-A
0094101653	R404	Oxide-Film Resistor	RY15-1/2W-120Ω-J-12-D
0094100101	R802	Oxide-Film Resistor	RY17S-2W-33K-J-05-E-A
0094100101	R801	Oxide-Film Resistor	RY17S-2W-33K-J-05-E-A
0094102581	R825	Oxide-Film Resistor	RY17S-2W-47K-J-05-E-A
0094100085	R818	Oxide-Film Resistor	RY15S-1/2W-1.5K-J-----T
0094100095	R820	Fusion Resistor	RY17-2W-24Ω-J-05-C
0094100125	R821	Fusion Resistor	RF10-2W-1-J-05-C
0094102583	R824	Fusion Resistor	RF10-1/2W-1-J-05-E-A
0094102583	R415	Fusion Resistor	RF10-1/2W-1-J-05-E-A
0094102668	R302	Fusion Resistor	RF10-1/2W-10-J-05-E-A
0094102584	R409	Fusion Resistor	RF10-1/2W-0.22-J-05-E-A
0094102586	R306	Fusion Resistor	RF10-2W-0.68-J-05-E-A
0094102669	R815	Fusion Resistor	RF10-2W-0.18-J-15-L-A
0094401811	P801	PTC Thermistor	PDC7RQPP6B744
0094400047	RP801	PTC Thermistor	MF72-2-5Ω±N
0094201617	C248	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201373	C410	Ceramic Capacitor	CT1-B-2kV-681pF-K-07-A
0094201373	C419	Ceramic Capacitor	CT1-B-2kV-681pF-K-07-A
0094200067	C807	Ceramic Capacitor	CT1-B-2kV-561pF-K-07-A
0094201449	C810	Ceramic Capacitor	CT1-B-500V-560pF-K-F05
0094202412	C823	Ceramic Capacitor	CT81-400VAC-18B-2E4-332-M
0094201617	C311	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094200982	C305	Ceramic Capacitor	CS1-B-63V-0.01μF-K-F05
0094201071	C805	Film Capacitor	CT1-B-1kV-1000pF-K-07-A
0094201463	C216	Film Capacitor	CL21X-63V-224-J-----F
0094200098	C414	Film Capacitor	CL21X-400V-104-J-07-A-A

0094201043	C236	AL Electrolytic Capacitor	CD110X-16V-22μF-M-F05
0094201011	C846	AL Electrolytic Capacitor	CD110X-25V-1000μF-M-05-A
0094201011	C848	AL Electrolytic Capacitor	CD110X-25V-1000μF-M-05-A
0094201319	C811	AL Electrolytic Capacitor	CD110X-25V-2200μF-M-05-A
0094201011	C610	AL Electrolytic Capacitor	CD110X-25V-1000μF-M-05-A
0094202297	C304	AL Electrolytic Capacitor	CD263-100V-33uF-M-05-A
0094202297	C418	AL Electrolytic Capacitor	CD263-100V-33uF-M-05-A
0094200736	C808	AL Electrolytic Capacitor	CD263-160V-100μF-M-07-A
0094201604	C411	AL Electrolytic Capacitor	CD288H-250V-22uF±20%-05-G
0094201341	C801	AL Electrolytic Capacitor	CD293-400V-150μF-M-10-A
0094200802	C852	AL Electrolytic Capacitor	CD110X-16V-1000μF-M-F05
0094401993	VD802	Diode	T1R5GU41-12.5-M
0094401993	VD803	Diode	T1R5GU41-12.5-M
0094401513	VD806	Diode	FFPF10U60STU
0094402112	N201	IC	TDA9351
0094400636	N202	IC	M24C08(BR24C08)
0094400196	PC801	IC	PC817C
0094400138	N703	IC	TC4052BP
0094400503	N702	IC	HEF4053()
0094600198	X201	Oscillators	JA12D-12MHZ-20PF
0094600239	Z201	Ceramic Trap	XT6.5MB
0094600013	Z202	Ceramic Trap	XT5.5MB
0094600276	SF101	SAW Filter	D2901C
0094000137	F801	Fusion	TSG-3.15A-250V
0090100021	F801A	Fuze Nip	FC503
0090100021	F801B	Fuze Nip	FC503
0094501053	L401	horizontal linearity coil	LX034
0094500686	L801	Power Filter	LCL-207
0094501114	T444	FBT	BSC25-0284G
0094501146	T801	Power Transformer	BCK-07-DE7
0094500034	T401	HORIZONTAL DRIVE transformer	AA26-50001B
0094501148	LW	coil	TK116
0094005862	TU101	Tuner	TD05EFS-01
0094300442	V999	CRT Jack	GZS8-6-CD
0094300193	CN801	Jack	TJC1-3A
0094300063	CN802	Jack	TJC2-2A
0094300193	CN804	Jack	TJC1-3A
0094300092	CN601	Jack	TJC3-2A
0094300092	CN602	Jack	TJC3-2A
0094300111	CN502	Jack	TJC3-3A
0094300012	CN200	Jack	TJC3-3A
0094300012	CN211	Jack	TJC3-3A
0094300104	CN210	Jack	TJC3-5A

0090401872	CN702	S-TerminalSignal Connetor Wire	Three Pins Wire
0090401670	CN706	DVDAudioConnector Wire	
0094300106	CN703	Jack	TJC3-8A
0090402610	S	DVDVideoConnector Wire	
0090400514	CN810	DVDPowerConnector Wire	TJC3-4A
0090401317	CN818	Connector Wire	TJC3-2A-2Y-450
0090401671	CN807-N401(I-G) 两脚	Connector Wire	
0090400064	G	Control Wire	150mm
0090401669	CN501	VideoConnector Wire	TJC3-8B-3Y-5Y-260mm
0094100101	R527	Oxide-Film Resistor	RY17S-2W-33K-J-05-E-A
0094102168	R511	Oxide-Film Resistor	RY17-2W-18KΩ-J-20-D
0094102168	R521	Oxide-Film Resistor	RY17-2W-18KΩ-J-20-D
0094102168	R531	Oxide-Film Resistor	RY17-2W-18KΩ-J-20-D
0094102710	R505	Fusion Resistor	RF10-2W-2.8-J-05-E-A
0094100128	R506	Fusion Resistor	RF10-2W-68-J-05-E-A
0094200727	C509	Electrolytic Capacitor	CD110X-250V-4.7μF-M-F05
0094200971	C510	Ceramic Capacitor	CT1-B-2KV-1000PF-K-07-A
0094200105	C800	Film Capacitor	MKT61-275V-104-M-15-G-A
0094300457	DVD	SCART Terminal Jack	CS-103

0090701031		Main Board Auto-insert Subassembly	
0091801280		PCB	0091801280 V2.2
0094100065	R104	Carbon Film Resistor	RT13-1/6W-10-J-----T
0094100065	R752	Carbon Film Resistor	RT13-1/6W-10-J-----T
0094100065	R742	Carbon Film Resistor	RT13-1/6W-10-J-----T
0094100066	R216	Carbon Film Resistor	RT13-1/6W-47-J-----T
0094100066	R943	Carbon Film Resistor	RT13-1/6W-47-J-----T
0094100066	R250	Carbon Film Resistor	RT13-1/6W-47-J-----T
0094100066	R257	Carbon Film Resistor	RT13-1/6W-47-J-----T
0094100067	R258*	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	R265	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	R715	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	R735	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	R733	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	R734	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	RS03	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	R718	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100067	RS01	Carbon Film Resistor	RT13-1/6W-75-J-----T
0094100017	R743	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R744	Carbon Film Resistor	RT13-1/6W-100-J-----T

0094100017	R235	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R236	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R237	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R245	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R252	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R740	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R741	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	W235	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	W236	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R280	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	R281	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100133	R251	Carbon Film Resistor	RT13-1/6W-200-J-----T
0094100133	R263	Carbon Film Resistor	RT13-1/6W-200-J-----T
0094100019	R843	Carbon Film Resistor	RT13-1/6W-220-J-----T
0094100134	R244	Carbon Film Resistor	RT13-1/6W-390-J-----T
0094100069	R255	Carbon Film Resistor	RT13-1/6W-430-J-----T
0094100020	R106	Carbon Film Resistor	RT13-1/6W-470-J-----T
0094100020	R256	Carbon Film Resistor	RT13-1/6W-470-J-----T
0094100023	R242	Carbon Film Resistor	RT13-1/6W-1K-J-----T
0094100023	R243	Carbon Film Resistor	RT13-1/6W-1K-J-----T
0094100023	R258	Carbon Film Resistor	RT13-1/6W-1K-J-----T
0094100070	R840	Carbon Film Resistor	RT13-1/6W-510-J-----T
0094100023	R227	Carbon Film Resistor	RT13-1/6W-1K-J-----T
0094100023	R841	Carbon Film Resistor	RT13-1/6W-1K-J-----T
0094101350	R310	Carbon Film Resistor	RT13-1/6W-1.5KΩ-J-T52
0094101350	R861	Carbon Film Resistor	RT13-1/6W-1.5KΩ-J-T52
0094100026	R102	Carbon Film Resistor	RT13-1/6W-2.2KΩ-J-T52
0094101328	R215	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094101328	R266	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094101328	R247	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094101328	R220	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094101328	R278	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094101328	R747	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094101328	R746	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094100071	R229	Carbon Film Resistor	RT13-1/6W-3.9K-J-----T
0094101328	R830	Carbon Film Resistor	RT13-1/6W-3.3K-J-----T
0094100029	R207	Carbon Film Resistor	RT13-1/6W-4.7K-J-----T
0094100029	R211	Carbon Film Resistor	RT13-1/6W-4.7K-J-----T
0094100029	R212	Carbon Film Resistor	RT13-1/6W-4.7K-J-----T
0094100029	R262*	Carbon Film Resistor	RT13-1/6W-4.7K-J-----T
0094100029	R241	Carbon Film Resistor	RT13-1/6W-4.7K-J-----T
0094100029	R623	Carbon Film Resistor	RT13-1/6W-4.7K-J-----T
0094100721	R605	Carbon Film Resistor	RT13-1/6W-5.6KΩ-J-----T

0094100031	R248	Carbon Film Resistor	RT13-1/6W-6.8K-J-----T
0094100032	R246	Carbon Film Resistor	RT13-1/6W-8.2K-J-----T
0094100033	R860	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100034	R8A	Carbon Film Resistor	RT13-1/6W-15K-J-----T
0094100034	R862	Carbon Film Resistor	RT13-1/6W-15K-J-----T
0094100033	R218	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	R279	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	R214	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	R831	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	R620	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	R622	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100019	R738	Carbon Film Resistor	RT13-1/6W-220-J-----T
0094100019	R739	Carbon Film Resistor	RT13-1/6W-220-J-----T
0094100033	R849	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	R833	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	R832	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100023	R238	Carbon Film Resistor	RT13-1/6W-1K-J-----T
0094100073	R311	Carbon Film Resistor	RT13-1/6W-12K-J-----T
0094100034	R219	Carbon Film Resistor	RT13-1/6W-15K-J-----T
0094100034	R226	Carbon Film Resistor	RT13-1/6W-15K-J-----T
0094100074	R249	Carbon Film Resistor	RT13-1/6W-20K-J-----T
0094100779	R601	Carbon Film Resistor	RT13-1/6W-22K-J-----T
0094100779	R602	Carbon Film Resistor	RT13-1/6W-22K-J-----T
0094100779	R274	Carbon Film Resistor	RT13-1/6W-22K-J-----T
0094100780	R276	Carbon Film Resistor	RT13-1/6W-27K-J-----T
0094100038	W610	Carbon Film Resistor	RT13-1/6W-56K-J-----T
0094100943	R275	Carbon Film Resistor	RT13-1/6W-270K-J-----T
0094100036	R273	Carbon Film Resistor	RT13-1/6W-33K-J-----T
0094100036	R621	Carbon Film Resistor	RT13-1/6W-33K-J-----T
0094100767	R233	Carbon Film Resistor	RT13-1/6W-36KΩ-J
0094100039	R261	Carbon Film Resistor	RT13-1/6W-68K-J-----T
0094100077	R277	Carbon Film Resistor	RT13-1/6W-100K-J-----T
0094100077	R303	Carbon Film Resistor	RT13-1/6W-100K-J-----T
0094100943	R314	Carbon Film Resistor	RT13-1/6W-270K-J-----T
0094100079	R407	Oxide-Film Resistor	RY15S-1/2W-0.39-J-----T
0094100080	R408	Oxide-Film Resistor	RY15S-1/2W-33-J-----T
0094100083	R403	Oxide-Film Resistor	RY15S-1/2W-270-J-----T
0094102592	R406	Oxide-Film Resistor	RY15S-1/2W-330-J-----T
0094102161	R809	Oxide-Film Resistor	RY15S-1/2W-39K-J-----T
0094100090	R822	Oxide-Film Resistor	RY15S-1/2W-470K-J-----T
0094100090	R823	Oxide-Film Resistor	RY15S-1/2W-470K-J-----T
0094100103	R806	Resistor	RS11-1/2W-3.3M-K-----T
0094100103	R807	Resistor	RS11-1/2W-3.3M-K-----T

0094102733	R313	Metal Film Resistor	RJ13-1/6W-1K-F-----T
0094101353	R308	Metal Film Resistor	RJ15S-1/2W-1.5-F-----T
0094102593	R305	Metal Film Resistor	RJ15S-1/2W-1.3-F-----T
0094102526	R803	Metal Film Resistor	RJ15S-1/2W-390Ω±1%-----T
0094102162	R805	Metal Film Resistor	RJ15S-1/2W-600-J-----T
0094101354	R819	Metal Film Resistor	RJ15S-1/2W-1K-F-----T52
0094102851	R420	Metal Film Resistor	RJ15S-1/2W-232K-F-----T
0094102595	R816	Metal Film Resistor	RJ15S-1/2W-123K-F-----T
0094101355	R817	Metal Film Resistor	RJ15S-1/2W-2.49K-F-J
0094201264	C403	Ceramic Capacitor	CT1-B-500V-470pF-K-F05
0094202282	C417	Ceramic Capacitor	CT1-B-500V-330pF-K-F05
0094201449	C402	Ceramic Capacitor	CT1-B-500V-560pF-K-F05
0094201449	C847	Ceramic Capacitor	CT1-B-500V-560pF-K-F05
0094201449	C845	Ceramic Capacitor	CT1-B-500V-560pF-K-F05
0094201124	C239	Ceramic Capacitor	CC1-CH-63V-33pF-J-F05
0094201124	C240	Ceramic Capacitor	CC1-CH-63V-33pF-J-F05
0094201228	C208	Ceramic Capacitor	CC1-CH-63V-56pF-J-F05
0094201228	C209	Ceramic Capacitor	CC1-CH-63V-56pF-J-F05
0094202277	C804	Ceramic Capacitor	CT1-B-63V-3900PF-K-F05
0094200760	C218	Ceramic Capacitor	CT1-B-63V-2200pF-K-F05
0094200715	C249	Ceramic Capacitor	CC1-CH-63V-150PF-J-F05
0094202373	C232	Ceramic Capacitor	CC1-CH-63V-330PF-J-F05
0094202277	C231	Ceramic Capacitor	CT1-B-63V-3900pF-K-F05
0094200981	C234	Ceramic Capacitor	CT1-B-63V-1000pF-K-F05
0094200981	C110	Ceramic Capacitor	CT1-B-63V-1000pF-K-F05
0094201178	C229	Ceramic Capacitor	CT1-B-63V-3300PF-K-F05
0094201039	C221	Ceramic Capacitor	CT1-B-63V-4700PF-K-F05
0094201039	C603	Ceramic Capacitor	CT1-B-63V-4700PF-K-F05
0094201039	C611	Ceramic Capacitor	CT1-B-63V-4700PF-K-F05
0094201040	C111	Ceramic Capacitor	CT1-2F4-63V-0.01μF-Z-----
0094200982	C207	Ceramic Capacitor	CT1-B-63V-0.01μF-K-F05
0094200982	C225	Ceramic Capacitor	CT1-B-63V-0.01μF-K-F05
0094200982	C226	Ceramic Capacitor	CT1-B-63V-0.01μF-K-F05
0094201448	C228	Ceramic Capacitor	CT1-F-63V-0.022μF-Z-F05
0094201448	C254	Ceramic Capacitor	CT1-F-63V-0.022μF-Z-F05
0094201617	C101	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C202	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C220	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C223	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C237	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C242	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C256	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201463	C849	Film Capacitor	CL21X-63V-22μF-J-E

0094200994	C253	AL Electrolytic Capacitor	CD71-50V-1uF-M-F05
0094200095	C401	Film Capacitor	CL21X-100V-103-J-----F
0094200097	C413	Film Capacitor	CL23B-400V-472-J-----F
0094201462	C814	Film Capacitor	CL21X-63V-104-J-----F
0094201462	C853	Film Capacitor	CL21X-63V-104-J-----F
0094201462	C851	Film Capacitor	CL21X-63V-104-J-----F
0094200994	C722	AL Electrolytic Capacitor	CD71-50V-1uF-M-F05
0094200994	C727	AL Electrolytic Capacitor	CD71-50V-1uF-M-F05
0094200994	C706	AL Electrolytic Capacitor	CD71-50V-1uF-M-F05
0094200751	C233	AL Electrolytic Capacitor	CD110X-50V-4.7μF-M-F05
0094200008	C230	AL Electrolytic Capacitor	CD110X-16V-10μF-M-F05
0094200008	C246	AL Electrolytic Capacitor	CD110X-16V-10μF-M-F05
0094200008	C250	AL Electrolytic Capacitor	CD110X-16V-10μF-M-F05
0094200008	C842	AL Electrolytic Capacitor	CD110X-16V-10μF-M-F05
0094200008	C107	AL Electrolytic Capacitor	CD110X-16V-10μF-M-F05
0094200988	C108	AL Electrolytic Capacitor	CD110X-16V-47μF-M-F05
0094200988	C252	AL Electrolytic Capacitor	CD110X-16V-47μF-M-F05
0094200988	C257	AL Electrolytic Capacitor	CD110X-16V-47μF-M-F05
0094200747	C620	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200747	C829	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200747	C819	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200747	C841	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200747	C922	AL Electrolytic Capacitor	D110X-16V-100μF-M-F05
0094200747	C219	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200747	C854	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200747	C241	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200747	C255	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094201113	C408	AL Electrolytic Capacitor	CD110X-25V-47μF-M-F05
0094200746	C303	AL Electrolytic Capacitor	CD263-35V-100uF-M-F05
0094200550	C102	AL Electrolytic Capacitor	CD110X-25V-220μF-M-F05
0094200043	C238	AL Electrolytic Capacitor	CD110X-50V-1μF-M-F05
0094200043	C750	AL Electrolytic Capacitor	CD110X-50V-1μF-M-F05
0094200043	C621	AL Electrolytic Capacitor	CD110X-50V-1μF-M-F05
0094200043	C740	AL Electrolytic Capacitor	CD110X-50V-1μF-M-F05
0094200044	C224	AL Electrolytic Capacitor	CD110X-50V-2.2μF-M-F05
0094200044	C258	AL Electrolytic Capacitor	CD110X-50V-2.2μF-M-F05
0094200046	C201	AL Electrolytic Capacitor	CD110X-50V-10μF-M-F05
0094200858	C802	AL Electrolytic Capacitor	CD110X-50V-47μF-M-F05
0094200729	C404	AL Electrolytic Capacitor	CD263-25V-470uF-M-F05
0094200993	C415	AL Electrolytic Capacitor	CD110-160V-1uF-M-F
0094200994	C604	AL Electrolytic Capacitor	CD71-50V-1uF-M-F05
0094200994	C612	AL Electrolytic Capacitor	CD71-50V-1uF-M-F05
0094500020	L210	Fixed Inductance	LGA0203-5R6-K-T

0094500264	L306	Fixed Inductance	LGA0305-10uH-J-T52
0094500027	L402	Leaded For Cores Inductor	LB3.5*5-2-----F
0094500028	L804	Leaded For Cores Inductor	LB3.5*6-3-----T
0094400617	C259	Diode	MTZJ5.1B-----T
0094400594	DZ831	Diode	1N4148-----T
0094400594	VD201	Diode	1N4148-----T
0094400594	VD202	Diode	1N4148-----T
0094400594	VD809	Diode	1N4148-----T
0094400594	VD620	Diode	1N4148-----T
0094400594	VD217	Diode	1N4148-----T
0094400473	VD401	Diode	1N4004-T52
0094400473	VD402	Diode	1N4004-T52
0094400473	L209	Diode	1N4004-T52
0094400052	VD804	Diode	TB1206-----T
0094400053	VD403	Diode	TC2406-----T
0094400055	VD406	Diode	T1R5GU41-----T
0094400055	VD404	Diode	T1R5GU41-----T
0094400055	VD805	Diode	T1R5GU41-----T
0094400056	VD405	Diode	TTVR10G-----T
0094400059	VD810	Diode	TERB4304-----T
0094400615	DZ808	Diode	MTZJ3.9B-----T
0094400616	DZ205	Diode	MTZJ4.7B-----T
0094400617	DZ102	Diode	MTZJ5.1B-----T
0094400617	DZ402	Diode	MTZJ5.1B-----T
0094400617	DZ802	Diode	MTZJ5.1B-----T
0094400493	DZ101	Diode	MTZJ9.1B-----T
0094400493	DZ701	Diode	MTZJ9.1B-----T
0094400493	DZ702	Diode	MTZJ9.1B-----T
0094400493	DZ703	Diode	MTZJ9.1B-----T
0094400453	VD811	Diode	TRM11C-----T
0094400453	VD812	Diode	TRM11C-----T
0094400453	VD813	Diode	TRM11C-----T
0094400453	VD814	Diode	TRM11C-----T
0094400372	DZ303	Diode	MTZJ15C-----T
0094400068	DZ301	Diode	MTZJ22A-----T
0094400203	V620	Triode	KSA539-YTA-----F
0094400203	V622	Triode	KSA539-YTA-----F
0094400204	V402	Triode	KSC2331-YTA-----F
0094400192	V206	Triode	KSC815-YTA-----F
0094400192	V208	Triode	KSC815-YTA-----F
0094400192	V212	Triode	KSC815-YTA-----F
0094400192	V213	Triode	KSC815-YTA-----F
0094400192	V621	Triode	KSC815-YTA-----F

0094400200	DZ803	IC	KA431AZTA-----F
0094200728	C508	Electrolytic Capacitor	CD110X-250V-10μF-M-F05
0094100066	R501H	Carbon Film Resistor	RT13-1/6W-47-J-----T
0094100066	R502	Carbon Film Resistor	RT13-1/6W-47-J-----T
0094100066	R503	Carbon Film Resistor	RT13-1/6W-47-J-----T
0094100019	R512	Carbon Film Resistor	RT13-1/6W-220-J-----T
0094100019	R522	Carbon Film Resistor	RT13-1/6W-220-J-----T
0094100019	R532	Carbon Film Resistor	RT13-1/6W-220-J-----T
0094100795	R516	Carbon Film Resistor	RT13-1/6W-270Ω-J-T52
0094100795	R526	Carbon Film Resistor	RT13-1/6W-270Ω-J-T52
0094100795	R536	Carbon Film Resistor	RT13-1/6W-270Ω-J-T52
0094100134	R513	Carbon Film Resistor	RT13-1/6W-390-J-----T
0094100134	R523	Carbon Film Resistor	RT13-1/6W-390-J-----T
0094100134	R533	Carbon Film Resistor	RT13-1/6W-390-J-----T
0094100091	R550	Oxide-Film Resistor	RY15S-1/2W-10M-J-----T
0094100102	R514	Resistor	RS11-1/2W-1.8K-K-----T
0094100102	R524	Resistor	RS11-1/2W-1.8K-K-----T
0094100102	R534	Resistor	RS11-1/2W-1.8K-K-----T
0094201264	C502	Ceramic Capacitor	CT1-500V-470pF-K-2B4-F05
0094201264	C501	Ceramic Capacitor	CC1-B-500V-470PF-K-F05
0094201264	C503	Ceramic Capacitor	CC1-B-500V-470PF-K-F05
0094200981	C511	Ceramic Capacitor	CT1-B-63V-1000pF-K-F05
0094100019	R817A	Carbon Film Resistor	RT13-1/6W-220-J-----T
0094101552	W501	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W503	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W504	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W505	Jumper Wire	φ0.58mm/7.5mm-----B
0094400578	V511	Triode	BF420
0094400578	V521	Triode	BF420
0094400578	V531	Triode	BF420
0094400578	V513	Triode	BF420
0094400578	V523	Triode	BF420
0094400578	V533	Triode	BF420
0094400577	V512	Triode	BF421
0094400577	V522	Triode	BF421
0094400577	V532	Triode	BF421
0094400594	VD504	Diode	1N4148-----T
0094400594	VD505	Diode	1N4148-----T
0094400621	DZ501	Diode	MTZJ8.2B--T
0094400053	VD507	Diode	TC2406-----T
0094100820	R103	Carbon Film Resistor	RT13-1/6W-22Ω-J-T52
0094100928	R105	Carbon Film Resistor	RT13-1/6W-13KΩ-J-T52
0094400842	V101	Triode	TriodeBF5370

0090100008	EY57	Rivet	φ1.6*3.0
0090100008	EY49	Rivet	φ1.6*3.0
0090100008	EY48	Rivet	φ1.6*3.0
0090100008	EY50	Rivet	φ1.6*3.0
0090100008	EY51	Rivet	φ1.6*3.0
0090100008	EY52	Rivet	φ1.6*3.0
0090100008	EY53	Rivet	φ1.6*3.0
0090100009	EL12	Rivet	φ2.3*3.5
0090100009	EY09	Rivet	φ2.3*3.5
0090100009	EY10	Rivet	φ2.3*3.5
0090100009	EY32	Rivet	φ2.3*3.5
0090100009	EY31	Rivet	φ2.3*3.5
0090100009	EY25	Rivet	φ2.3*3.5
0090100009	EY26	Rivet	φ2.3*3.5
0090100009	EY27	Rivet	φ2.3*3.5
0090100009	EY28	Rivet	φ2.3*3.5
0090100009	EY29	Rivet	φ2.3*3.5
0090100009	EY30	Rivet	φ2.3*3.5
0090100009	EL09	Rivet	φ2.3*3.5
0090100009	EL05	Rivet	φ2.3*3.5
0090100009	EL06	Rivet	φ2.3*3.5
0090100009	EY35	Rivet	φ2.3*3.5
0090100009	EY40	Rivet	φ2.3*3.5
0090100009	EY44	Rivet	φ2.3*3.5
0090100009	EL08	Rivet	φ2.3*3.5
0090100009	EL07	Rivet	φ2.3*3.5
0090100009	EL01	Rivet	φ2.3*3.5
0090100009	EL02	Rivet	φ2.3*3.5
0090100009		Rivet	φ2.3*3.5
0094101552	V210-V211 (中间 两脚)	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W703	Jumper Wire	φ0.58mm/4mm-----B
0094101552	W217	Jumper Wire	φ0.58mm/5mm-----B
0094101552	R315	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W226	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W228	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W245	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W266	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W410	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W602	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W603	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W607	Jumper Wire	φ0.58mm/5mm-----B

0094101552	W718	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W719	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W734	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W740	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W814	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W815	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W816	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W818	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W825	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W829	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W852	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W981	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W818A	Jumper Wire	φ0.58mm/5mm-----B
0094101552	WSC2	Jumper Wire	φ0.58mm/5mm-----B
0094101552	L805	Jumper Wire	φ0.58mm/5mm-----B
0094101552	L807	Jumper Wire	φ0.58mm/5mm-----B
0094101552	L304	Jumper Wire	φ0.58mm/5mm-----B
0094101552	L305	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W304	Jumper Wire	φ0.58mm/5mm-----B
0094101552	R101	Jumper Wire	φ0.58mm/5mm-----B
0094101552	W610A	Jumper Wire	φ0.58mm/6mm-----B
0094201617	C243	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C244	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094201617	C245	Ceramic Capacitor	CS1-F-63V-0.1μF-Z-F05
0094101552	W801	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W802	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W830	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W103	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W200	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W201	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W216	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W233	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W227	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W264	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W259	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W267	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W282	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W284	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W285	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W286	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W301	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W303	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W402	Jumper Wire	φ0.58mm/7.5mm-----B

0094101552	W412	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W414	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	L703	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	L704	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	L707	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	L708	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R703	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R704	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R707	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R708	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W715	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W716	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W721	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W723	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W724	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W725	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W727	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W737	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W817	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W819	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W822	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W824	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W832	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R232	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R405	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R713	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R719	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W707	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	L701	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	L702	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	C109	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W8A	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	R401	Jumper Wire	φ0.58mm/8.5mm-----B
0094101552	W612	Jumper Wire	φ0.58mm/9mm-----B
0094101552	W102	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W105	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W232	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W241	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W242	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W243	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W244	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W252	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W260	Jumper Wire	φ0.58mm/10mm-----B

0094101552	W287	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W288	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W289	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W302	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W401	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W407	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W613	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W741	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W805	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W807	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W808	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W809	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W812	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W823	Jumper Wire	φ0.58mm/10mm-----B
0094101552	DZ804	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W222	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W223	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W821	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W263	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W265	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W231	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W203	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W279	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W406	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W409	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W614	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W735	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	WSC3	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	L103	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W982	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	R417	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W736	Jumper Wire	φ0.58mm/15mm-----B
0094101552	W803	Jumper Wire	φ0.58mm/15mm-----B
0094101552	W804	Jumper Wire	φ0.58mm/15mm-----B
0094101552	W826	Jumper Wire	φ0.58mm/15mm-----B
0094101552	F802	Jumper Wire	φ0.58mm/15mm-----B
0094101552	W810	Jumper Wire	φ0.58mm/17.5mm-----B
0094101552	W827	Jumper Wire	φ0.58mm/17.5mm-----B
0094101552	R812	Jumper Wire	φ0.58mm/17.5mm-----B
0094101552	W828	Jumper Wire	φ0.58mm/16mm-----B
0094101552	W611	Jumper Wire	φ0.58mm/20mm-----B
0094101552	W831	Jumper Wire	φ0.58mm/20mm-----B
0094101552	R416	Jumper Wire	φ0.58mm/12.5mm-----B

0094201040	CD03	Ceramic Capacitor	CT1-F-63V-0.01μF-Z-F05
0094200747	CD01	AL Electrolytic Capacitor	CD110X-16V-100μF-M-F05
0094200988	CD02	AL Electrolytic Capacitor	CD110X-16V-47μF-M-F05
0094004386	A1001	IR(Infra-red) Receiver Modules	ICHS0038B
0094300167	CNT08	AV Jack	AV3-8.35-5
0094000440	TV/AV	Switch	KFC-A06-21050
0094000440	MENU	Switch	KFC-A06-21050
0094000440	V-	Switch	KFC-A06-21050
0094000440	V+	Switch	KFC-A06-21050
0094000440	P-	Switch	KFC-A06-21050
0094000440	P+	Switch	KFC-A06-21050
0094000440	OPEN/CLOSE	Switch	KFC-A06-21050
0094000440	PLAY	Switch	KFC-A06-21050
0094000440	STOP	Switch	KFC-A06-21050
0094300107	XZ1003	Jack	TJC3-6A
0090400915	CND08	DVD Connector Wire	TJC3-2P-260
0090401506	CND09	Control Pannel Connector Wire 300mm	
0090401673	XZ1106	DVD Connector Wire	5Pin230mm
0090401668	XZ1104	Connector Wire	5Pin230mm

0094007562		Control pannel auto-insert subassembly	
0091801037		PCB	Control pannel 0091801037
0094100020	RB01	Carbon Film Resistor	RT13-1/6W-470-J-----T
0094100916	RB02	Carbon Film Resistor	RT13-1/6W-620-J-----T
0094100023	RB03	Carbon Film Resistor	RT13-1/6W-1K-J-----T
0094100753	RB04	Carbon Film Resistor	RT13-1/6W-1.2K-J-----T
0094100722	RB05	Carbon Film Resistor	RT13-1/6W-1.8K-J-----T
0094100033	RB06	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100033	RB07	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100017	RD03	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100017	RD06	Carbon Film Resistor	RT13-1/6W-100-J-----T
0094100033	RD05	Carbon Film Resistor	RT13-1/6W-10K-J-----T
0094100074	RD04	Carbon Film Resistor	RT13-1/6W-20KΩ-J-T52
0094100074	RD07	Carbon Film Resistor	RT13-1/6W-20KΩ-J-T52

0094012750		ACDC Power Board Subassembly	
0094005579		ACDC Board Premaching Subassembly	
0090100034	Q1A	Radiator	
0090600076	Q1B	Tapping Screw	SJ2831-87 ST3×10F
0094402052	Q1C	Triode	FQP65N06

0094200844	C1	AL Electrolytic Capacitor	CD110X-16V-2200µF-M-07-A
0094200988	C12	AL Electrolytic Capacitor	CD110X-16V-47µF-M-F05
0094202658	C14	AL Electrolytic Capacitor	CD110-400V-10UF-M-05-E-A
0094202658	C16	AL Electrolytic Capacitor	CD110-400V-10UF-M-E-A
0094201373	C20	Ceramic Capacitor	CT1-B-2kV-681pF-K-07-A
0094201373	C18	Ceramic Capacitor	CT1-B-2kV-681pF-K-07-A
0094201373	C19	Ceramic Capacitor	CT1-B-2kV-681pF-K-07-A
0094202698	C15	Film Capacitor	CBB21-400V-335-J-40-L-A
0094201020	C11	Film Capacitor	CL11-100V-0.1µF-J-F05
0094402047	IC1	IC	UC3525AN
0094400036	IC2	IC	PC817B/C
0094009903	RLP1	Relay	OMI-SH-112L
0094501341	T1	Transformer	BCK-08A8-2
0094300028	CN01	Jack	TJC2B-3A
0094300110	CN03	Jack	TJC1-2A
0094300193	CN04	Jack	TJC1-3A
0094300092	CN02	Jack	TJC3-2A
0094012751		ACDC Board auto-insert subassembly	
0091801661		PCB	
0094100753	R12	Carbon Film Resistor	RT13-1/6W-1.2KΩ-J-T52
0094100077	R18	Carbon Film Resistor	RT13-1/6W-100KΩ-J-T52
0094100077	R19	Carbon Film Resistor	RT13-1/6W-100KΩ-J-T52
0094101087	R31	Carbon Film Resistor	RT13-1/6W-1.5MΩ-J-T52
0094100017	R3	Carbon Film Resistor	RT13-1/6W-100Ω-J-T52
0094100033	R29	Carbon Film Resistor	RT13-1/6W-10KΩ-J-T52
0094100033	R2	Carbon Film Resistor	RT13-1/6W-10KΩ-J-T52
0094100065	R1	Carbon Film Resistor	RT13-1/6W-10Ω-J-T52
0094100065	R14	Carbon Film Resistor	RT13-1/6W-10Ω-J-T52
0094100023	R28	Carbon Film Resistor	RT13-1/6W-1KΩ-J-T52
0094100026	R7	Carbon Film Resistor	RT13-1/6W-2.2KΩ-J-T52
0094100026	R8	Carbon Film Resistor	RT13-1/6W-2.2KΩ-J-T52
0094100026	R20	Carbon Film Resistor	RT13-1/6W-2.2KΩ-J-T52
0094100779	R5	Carbon Film Resistor	RT13-1/6W-22KΩ-J-T52
0094100779	R24	Carbon Film Resistor	RT13-1/6W-22KΩ-J-T52
0094100071	R26	Carbon Film Resistor	RT13-1/6W-3.9KΩ-J-T52
0094101020	R10	Carbon Film Resistor	RT13-1/6W-4.7Ω-J-T52
0094101020	R11	Carbon Film Resistor	RT13-1/6W-4.7Ω-J-T52
0094100882	R4	Carbon Film Resistor	RT13-1/6W-470KΩ-J-T52
0094100020	R22	Carbon Film Resistor	RT13-1/6W-470Ω-J-T52
0094100800	R21	Carbon Film Resistor	RT13-1/6W-47KΩ-J-T52
0094100721	R16	Carbon Film Resistor	RT13-1/6W-5.6KΩ-J-T52

0094200988	C17	AL Electrolytic Capacitor	CD110X-16V-47μF-M-F05
0094200043	C6	AL Electrolytic Capacitor	CD110X-50V-1μF-M-F05
0094200937	C3	AL Electrolytic Capacitor	CD263-16V-470uF-M-05-A
0094200825	C7	Film Capacitor	CL11-63V-0.0022μF-J-F05
0094200095	C8	Film Capacitor	CL21X-100V-103-J-----F
0094200095	C9	Film Capacitor	CL21X-100V-103-J-----F
0094200095	C4	Film Capacitor	CL21X-100V-103-J-----F
0094200095	C5	Film Capacitor	CL21X-100V-103-J-----F
0094200096	C2	Film Capacitor	CL21X-100V-104-J-----F
0094400830	DZ1	Diode	MTZ13B
0094400061	DZ2	Diode	MTZ3.9B
0094401532	DZ3	Diode	MTZJ10B--T
0094400594	D2	Diode	1N4148
0094400594	D12	Diode	1N4148
0094400594	D13	Diode	1N4148
0094400055	D1	Diode	T1R5GU41-T52
0094400055	D3	Diode	T1R5GU41-T52
0094400055	D4	Diode	T1R5GU41-T52
0094400055	D5	Diode	T1R5GU41-T52
0094400055	D6	Diode	T1R5GU41-T52
0094400453	D7	Diode	RM11C-T52
0094400473	D8	Diode	1N4004-T52
0094400473	D9	Diode	1N4004-T52
0094400473	D14	Diode	1N4004-T52
0094400192	Q3	Triode	KSC815-YTA-----F
0094400192	Q4	Triode	KSC815-YTA-----F
0094101552	W1	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W3	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W4	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W5	Jumper Wire	φ0.58mm/7.5mm-----B
0094101552	W2	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W6	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W8	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W9	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W10	Jumper Wire	φ0.58mm/10mm-----B
0094101552	W7	Jumper Wire	φ0.58mm/12.5mm-----B
0094101552	W11	Jumper Wire	φ0.58mm/15mm-----B
0094007558		DVD-SCART Board Subassembly	
0091801283		PCB	
0094300458	SCART	SCARTTerminalJack	CS-104
0094300460	COAXIAL	COAXIAL meet	
0090101677	CNT01	Wire	D2505 10H 200

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