

LCD TELEVISION

SERVICE MANUAL

LEC3205

(LC-32K5)

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Attention: This service manual is only for service personnel to take reference with. Before servicing please read the following points carefully.

Safety instructions

1. Instructions

Be sure to switch off the power supply before replacing or welding any components or inserting/plugging in connection wire. Anti static measures to be taken (throughout the entire production process!):

- a) Do not touch here and there by hand at will;
- b) Be sure to use anti static electric iron;
- c) It's a must for the welder to wear anti static gloves.

Please refer to the detailed list before replacing components that have special safety requirements. Do not change the specs and type at will.

2. Points for attention in servicing of LCD

2.1 Screens are different from one model to another and therefore not interchangeable. Be sure to use the screen of the original model for replacement.

2.2 The operation voltage of LCD screen is 700-825V. Be sure to take proper measures in protecting yourself and the machine when testing the system in the course of normal operation or right after the power is switched off. Please do not touch the circuit or the metal part of the module that is in operation mode. Relevant operation is possible only one minute after the power is switched off.

2.3 Do not use any adapter that is not identical with the TV set. Otherwise it will cause fire or damage to the set.

2.4 Never operate the set or do any installation work in bad environment such as wet bathroom, laundry, kitchen, or nearby fire source, heating equipment and devices or exposure to sunlight etc. Otherwise bad effect will result.

2.5 If any foreign substance such as water, liquid, metal slices or other matters happens to fall into the module, be sure to cut the power off immediately and do not move anything on the module lest it should cause fire or electric shock due to contact with the high voltage or short circuit.

2.6 Should there be smoke, abnormal smell or sound from the module, please shut the power off at once. Likewise, if the screen is not working after the power is on or in the course of operation, the power must be cut off immediately and no more operation is allowed under the same condition.

2.7 Do not pull out or plug in the connection wire when the module is in operation or just after the power is off because in this case relatively high voltage still remains in the capacitor of the driving circuit. Please wait at least one minute before the pulling out or plugging in the connection wire.

2.8 When operating or installing LCD please don't subject the LCD components to bending, twisting or extrusion, collision lest mishap should result.

2.9 As most of the circuitry in LCD TV set is composed of CMOS integrated circuits, it's necessary to pay attention to anti statics. Before servicing LCD TV make sure to take anti static measure and ensure full grounding for all the parts that have to be grounded.

2.10 There are lots of connection wires between parts behind the LCD screen. When servicing or moving the set please take care not to touch or scratch them. Once they are damaged the screen

would be unable to work and no way to get it repaired.

2.11 Special care must be taken in transporting or handling it. Exquisite shock vibration may lead to breakage of screen glass or damage to driving circuit. Therefore it must be packed in a strong case before the transportation or handling.

2.12 For the storage make sure to put it in a place where the environment can be controlled so as to prevent the temperature and humidity from exceeding the limits as specified in the manual. For prolonged storage, it is necessary to house it in an anti-moisture bag and put them altogether in one place. The ambient conditions are tabulated as follows:

Temperature	Scope for operation	0 ~ +50 °C
	Scope for storage	-20 ~ +60 °C
humidity	Scope for operation	20% ~ 85%
	Scope for storage	10% ~ 90%

2.13 Display of a fixed picture for a long time may result in appearance of picture residue on the screen, as commonly called “ghost shadow”. The extent of the residual picture varies with the maker of LCD screen. This phenomenon doesn’t represent failure. This “ghost shadow” may remain in the picture for a period of time (several minutes). But when operating it please avoid displaying still picture in high brightness for a long time.

3. Points for attention during installation

3.1 The front panel of LCD screen is of glass. When installing it please make sure to put it in place.

3.2 For service or installation it’s necessary to use specified screw lest it should damage the screen.

3.3 Be sure to take anti dust measures. Any foreign substance that happens to fall down between the screen and the glass will affect the receiving and viewing effect

3.4 When dismantling or mounting the protective partition plate that is used for anti vibration and insulation please take care to keep it in intactness so as to avoid hidden trouble.

3.5 Be sure to protect the cabinet from damage or scratch during service, dismantling or mounting.

Alignment instruction

1 Alignment equipment

PM5518 (video signal generator)

K-7253 (VGA signal generator)

CA210 (white balancer)

2 Alignment flow-chart

The alignment flow-chart is shown as fig-1

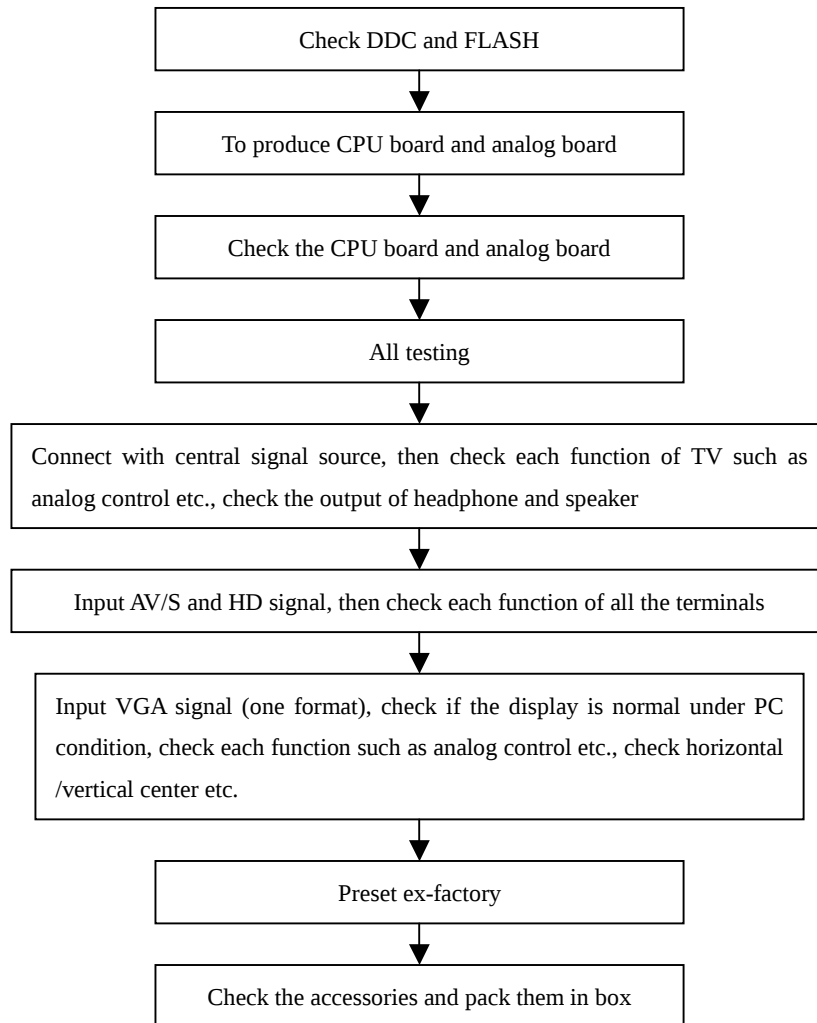


Fig-1 adjustment flow-chart

3 Unit adjustment

Connect CPU board and analog board according to wiring diagram of 203-L32K50-03JL, connect with power and observe the display.

Method for entering factory menu: press “VOL+”, “MUTE” and “VIDEO” repeatedly to enter factory menu; press “ENTER” to select different items when the first line of each adjustment item just lights up; input VGA and DVI signal, then select the “mode” item; after that, you can press “enter” to select three kinds of color temperature namely 6500K, 9300K and 12000K press “MENU” to exit.

Note: the white balance adjustment should be done under “nature” picture mode.

3.1 EEPROM initialization

Enter the first page of factory menu, select “clear eeprom” and then press “enter”, shut down the unit after “ok” appears.

3.2 VGA/DVI channel adjustment

3.2.1 Preset VGA channel mode

Input VGA signal (PATTERN 5: Final Test) of K-7253, select TIME301(640*350/70Hz), press “AUTO” to do the auto adjustment until the screen is filled with picture. Use the same method to do auto adjustment for the following items:

TIME302 (720*400/70Hz)	TIME303 (640*480/60Hz)	TIME311 (800*600/60Hz)
TIME313 (1024*768/60Hz)	TIME315 (640*480/75Hz)	TIME316 (800*600/75Hz)
TIME317 (1024*768/75Hz)	TIME319 (1280*1024/75Hz)	TIME339 (1280*1024/60Hz)

3.2.2 ADC adjustment of VGA channel

Adjust ADC-gain to 15.

3.2.3 White balance adjustment VGA/DVI channel

Input K-7253 8 level gray-scale signal of TIME311 and PATTERN474, enter white balance adjustment menu; adjust the third and seventh levels using white balance.

Select 6500k of “mode”, adjustment offset_R, offset_G and offset_B, let the color coordinate of the third level be 308 and 316 and its brightness be 16nit more or less. Adjust gain_R, gain_G and gain_B, let the color coordinate of seventh level be 308 and 316. Adjustment offset_R, offset_G, offset_B, gain_R, gain_G and gain_B repeatedly until the value of the two levels gray-scale be 308 and 316.

Select 9300k of “mode”, adjustment offset_R, offset_G and offset_B, let the color coordinate of the third level be 285 and 290 and its brightness be 16nit more or less. Adjust gain_R, gain_G and gain_B, let the color coordinate of seventh level be 285 and 290.

Select 12000k of “mode”, adjustment offset_R, offset_G and offset_B, let the color coordinate of the third level be 270 and 283 and its brightness be 16nit more or less. Adjustment offset_R, offset_G, offset_B, gain_R, gain_G and gain_B repeatedly until the value of the two levels gray-scale be 270 and 283.

Note: gain_R, gain_G, gain_B is value not above 128 and let its value 128 at least.

3.3 Adjustment TV channel

3.3.1 Adjustment VCO, OPTION, sub-brightness and sub-contrast

Input AV color bar signal (PM5518 COLOR BAR 100%) to VIDEO 1 terminal, enter the first page of factory menu, press “enter” selecting “auto color”, display “OK” after 2 seconds; then you can finish the VCO adjustment; set the value of “option” to 10, “Hor-width” to 32 and “s-bright” to 140 as well as S-contrast to 140. set the MaxVolume according to its product standard.

3.3.2 white balance adjustment of TV channel

Input AV signal (PM5518, NTSC system, 8 level gray-scale signal), enter adjustment menu of white balance, adjust the third level and seventh level using white balance. Adjust offset_R, offset_G and offset_B to let color coordinate of the third level be 270 and 275 and its brightness be about 21nit. fixate gain_B to 128, adjust gain_R, gain_G to color coordinate of the seventh level be 280 and 280. adjust offset_R, offset_G, offset_B, gain_R and gain_G, repeatedly using the same method until

the value of the two levels gray-scale be the specified value.

3.4 white balance adjustment YPbPr channel

input YpbPr signal of K-7253 to YPbPr-1 terminal, input TIME380(480i) PATTERN471 8 level gray-scale signal, set the value of Hor-width to 23, Ver-width to 5, S-bright to 120 and S-contrast to 140. Enter adjustment menu of white balance, adjust the third level using white balancer. Adjust offset_R, offset_G and offset_B, to let color coordinate of the third level be 270 and 275 and its brightness be about 15nit.

Input 8 level gray-scale signal of TIME392(480p), TIME394(720p) and TIME396(1080i) separately, repeat the above operations to let color coordinate of the third level be 270 and 275 and its brightness be about 15nit.

4 Performance check

4.1 TV function

Enter searching menu → auto search, connect RF-TV terminal with central signal source and check if there are channels be skipped

4.2 AV/S, YpbPr terminals

Input AV/S, HD signal, check if it is normal.

4.3 VGA terminal

Insert VGA terminal, input VGA format signal of 640 X 480@60 Hz, check if the display is normal. If interference exists, press the auto adjust button on remote control again and check if it is normal.

4.4 DVI terminal

Insert DVI terminal, input signal of 640 X 480@60 Hz signal and check if the display is normal.

4.5 check sound channel

Check the speaker and headphone of each channel.

4.6 presetting before ex-factory

item	setting
Picture mode	NATURE
Sound mode	NEWS
N/R	WEAK
SCREEN	16:9

item	setting
OSD language	English
VGA color temperature	9300
SPEAKER	ON
HEAD PHONE	ON

item	setting
BALANCE	50
SRS	OFF
CCD	OFF
Turn off	TV

Trouble shooting

Before servicing please check to find the possible causes of the troubles according to the table below.

1. Antenna(signal):

Picture is out of focus or jumping	● Bad status in signal receiving ● Poor signal ● Check if there are failures with the electrical connector or the antenna. ● Check if the antenna is properly connected.
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Fringe in picture	● Check if the antenna is correctly oriented. ● Maybe there is electric wave reflected from hilltop or building.
Picture is interfered by stripe shaped bright spots	● Possibly due to interference from automobile, train, high voltage transmission line, neon lamp etc. ● Maybe there is interference between antenna and power supply line. Please try to separate them in a longer distance. ● Maybe the shielded-layer of signal wire is not connected properly to the connector.
There appear streaks or light color on the screen	● Check if interfered by other equipment and if interfered possibly by the equipment like transmitting antenna, non professional radio station and cellular phone.

2.TV set:

Symptoms	Possible cause
Unable to switch the power on	● Check to see if the power plug has been inserted properly into the socket.
No picture and sound	● Check to see if the power supply of liquid crystal TV has been switched on. (as can be indicated by the red LED at the front of the TV set) ● See if it's receiving the signal that is transmitted from other source than the station ● Check if it's connected to the wrong terminal or if the input mode is correct. ● Check if the signal cable connection between video frequency source and the liquid crystal TV set is correct.
Deterioration of color phase or color tone	● Check if all the picture setups have been corrected.
Screen position or size is not proper	● Check is the screen position and size is correctly set up.
Picture is twisted and deformed	● Check to see if the picture-frame ratio is properly set up.
Picture color changed or colorless	● Check the "Component" or "RGB" settings of the liquid crystal TV set and make proper adjustment according to the signal types.
Picture too bright and there is distortion in the brightest area	● Check if the contrast setting is too high. ● Possibly the output quality of DVD broadcaster is set too high. ● It maybe also due to improper terminal connection of the video frequency signal in a certain position of the system.
Picture is whitish or too bright in the	● Check if the setting for the brightness is too high

darkest area of the picture	● Possibly the brightness grade of DVD player (broadcaster) is set too high.
No picture or signal produced from the displayer if "XXX in search" appears.	● Check if the cable is disconnected. ● Check if it's connected to the proper terminal or if the input mode is correct.
There appears an indication - "outside the receivable scope)	● Check if the TV set can receive input signal. The signal is not correctly identified and VGA format is beyond the specified scope.
Remote control cannot work properly	● Check if the batteries are installed in the reverse order. ● Check if the battery is effective. ● Check the distance or angle from the monitor. ● Check if there is any obstruct between the remote control and the TV set. ● Check if the remote control signal- receiving window is exposed to strong fluorescence.
No picture and sound, but only hash.	● Check if the antenna cable is correctly connected, or if it has received the video signal correctly.
Blur picture	● Check if the antenna cable is correctly connected. ● Of if it has received the right video signal.
No sound	● Check if the "mute" audio frequency setting is selected. ● Check if the sound volume is set to minimum. ● Make sure the earphone is not connected. ● Check if the cable connection is loose.
When playing VHS picture search tape, there are lines at the top or bottom of the picture.	● When being played or in pause VHS picture search tape sometimes can't provide stable picture, which may lead to incorrect display of the liquid crystal TV, In this case please press "auto" key on the remote control so as to enable the liquid crystal TV set to recheck the signal and then to display correct picture signal

Method of software upgrading

Steps of software upgrading are as follows:

1. Select a serial connection wire and a VGA connection wire and then connect them by means of a patch panel;
 2. Use a serial wire to connect the PC to the patch panel and set TV set to off state;
- Open the software upgrade file holder and double click



FlashUpgraderNT (use under window 2000/XP/NT)

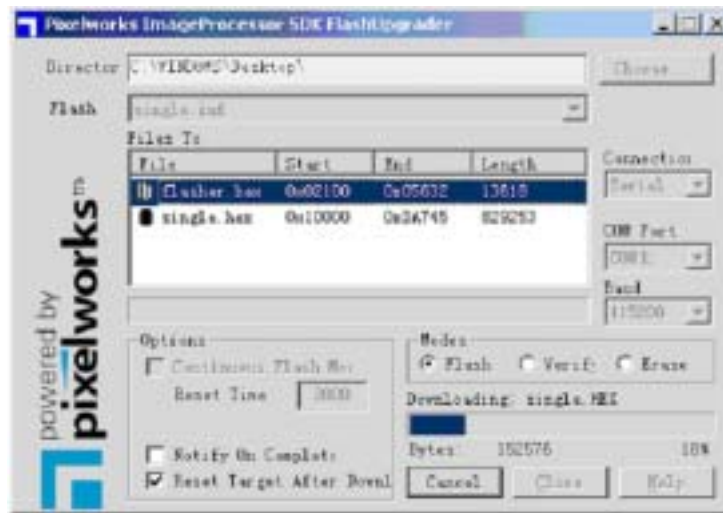


FlashUpgrader (use under window 98),

The following interfaces will show up after running the program:



Based on the computer features, set up the serial port (COM Port). Select corresponding serial port (if it's unable to FLASH WRITE, change to another port). Baud is selected to be 115200. Then select Reset Target After Download. Click FLASH pushbutton, it's ready to run. For other settings, please refer to the Fig. Above (already defaulted by the system, normally no need to change). Switch on TV set the FLASH write program begins to run;



After FLASH write is over, push button "cancel" will become flash. Then shut the main power supply and it's OK just switch it on again.

Note: Do not shut the power off or turn the TV set on during the FLASH write. Otherwise it may lead to no way for flash to rewrite.

LC-32K5 working principle analysis

Please refer to LC-32K5 BLOCK DIAGRAM in order to know the working principle of LC-32K5 brief introduction to its signal flow is shown as follows:

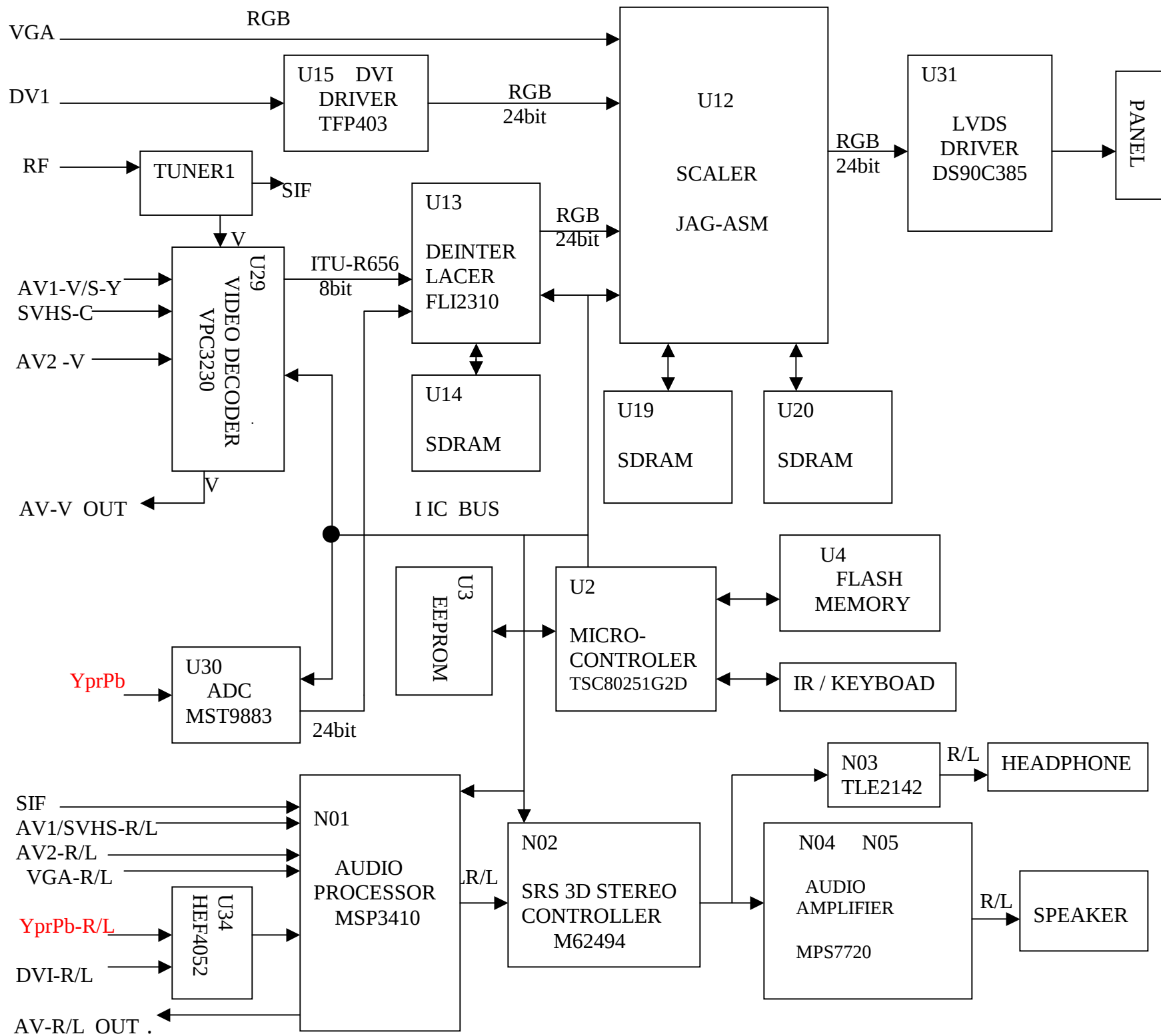
RF signal produces composite color television signal through TUNER201, the signal together with AV1/SVHS(SVHS priority) and AV2 etc. are sent to U29 VPC3230D to decode and do switching selection. In addition to decode the selected video signal, part of the selected video signal is also sent to AV terminal and 21 line decoder U32 Z86229 which is exclusive to decode CCD/V-CHIP to decode. After decoded by U32, the signal will be sent back to U29 in the form of R G B and FB, then it will be added to the decoded picture and then it will be sent to U13 FL12310 in the form of ITU-R656 signal format of 8BIT to do line-by-line process.

Send two ways YPRPB signal to U30 MST9883 through selection by N2 PI5V330 in order to do the A/D conversion. After this, the signal will be converted into YUV signal of 24BIT, send it to FL12310 also.

After a series of procedure such as matrix, chroma and tint etc. by FL12310, the two ways signal will be converted into RGB of 24bit, then send it to the main processing chip U12 JAG-ASM. send RGB signal it to the main processing chip U12 at the same time. There has another signal which should be sent to U12 together with the above two kinds of signal that is: RGB signal of 24BIT produced by DV1 through U15 TFP403/501. Do the picture format processing for the three kinds of signal in U12. Firstly do the A/D conversion for RGB signal of VGA, then do the switching selection together with the other two kinds of signal. And then they will be converted into 1024*768 format through digital display processing such as OSD and GAMMA correction etc. output it in the form of 24BIT RGB signal. Send it to LVDS convertor U31 DS90C383A, then it will be converted into signal format which can be accepted by LCD screen namely 3 low-voltage differential signal and 1 clock signal, finally send it to LCD screen to do the picture display PWM of U12 can also be used to control the brightness of back light-source.

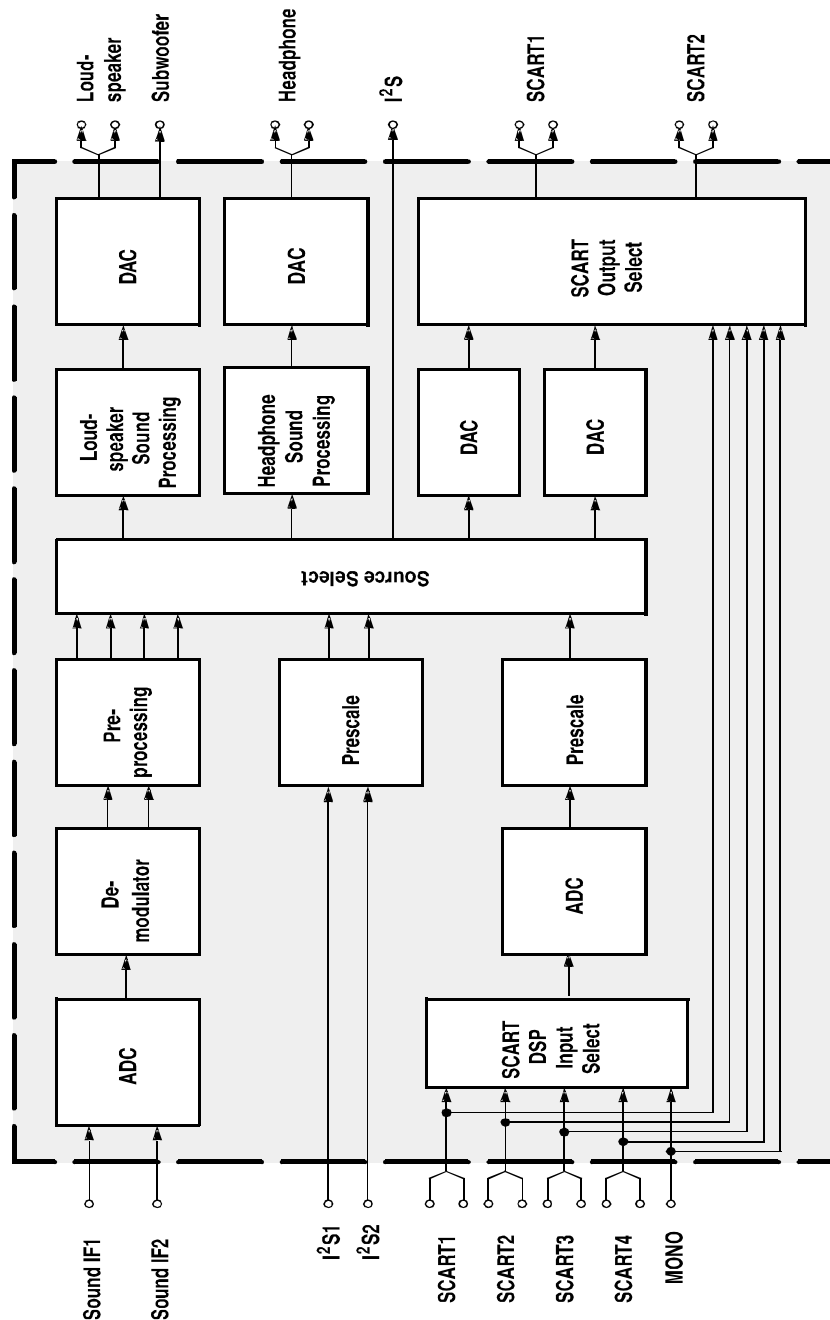
Send SIF (the second IF) outputted by tuner to audio processor N201 MSP3420; send YPRPB and audio signal of DVI to N201 through switching selection by U34 HEF4052; Send AV1/SVHS, AV2 and audio signal of VGA to N201 also. Firstly SIF will be done the switching selection together with another four ways of audio signal, finally volume control and sound effect processing will be done. Output left-right sound channel signal R/L. one will be sent to SRS sound field processor N203 M62494 to do SRS processing and finally amplified by N213 and N214 MP7720 to drive the speaker, one will be used to drive the headphone through N212 TLE2142 and the last part will be outputted as R/L of AV OUT.

LC-32K5 Block diagram



IC block diagram

1.MSP3420



Pins description:

2,3 PIN: SCL,SDA applied for control the operation of IC .

27,28 PIN: output left and right sound channel R/L to speaker processor.

36,37 PIN:AV OUT of sound R/L.

47,48 PIN:D4-1/D4-2/PCMCIA selected input R/L.

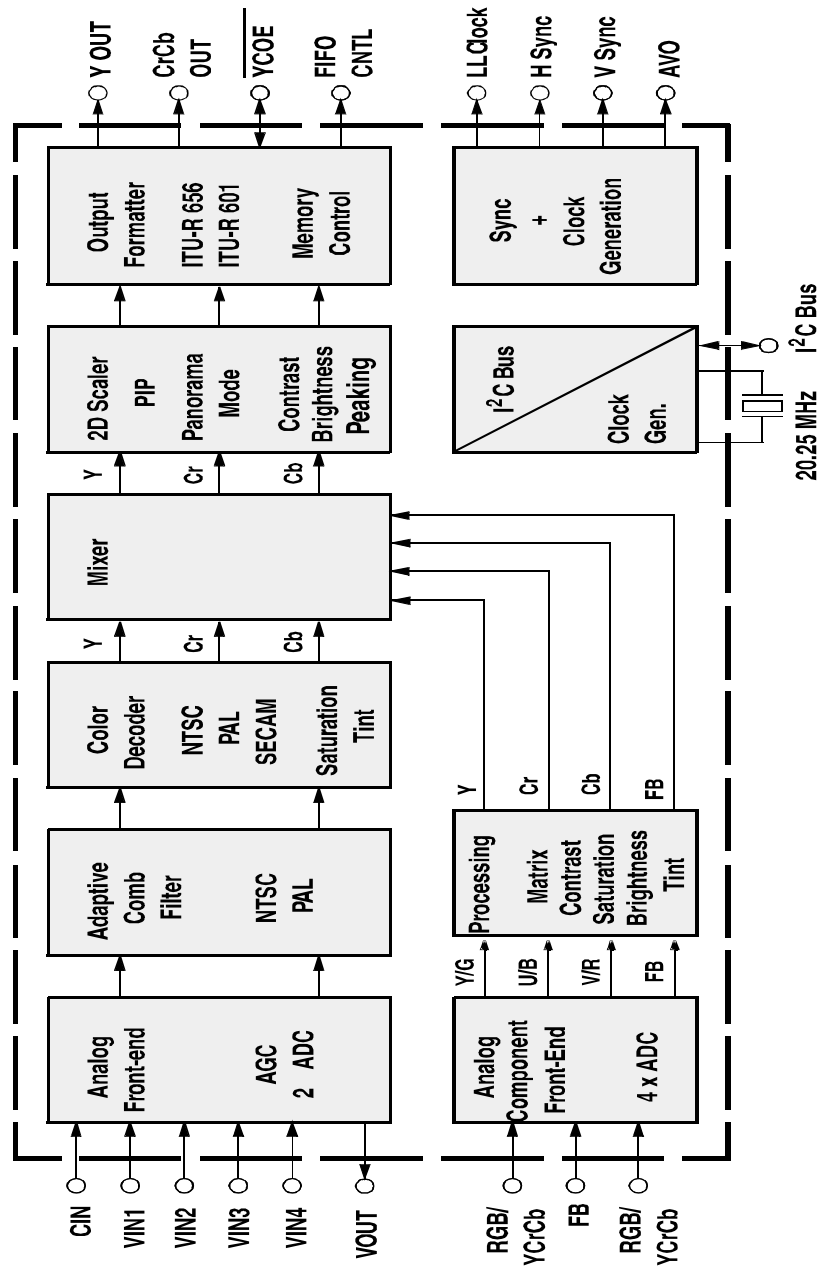
50,51 PIN:Input of VGA. R/L

53,54 PIN:Input of AV1/SVHS and AV2 R/L.

56,57 PIN:Input R/L of BS

67 PIN: Input TV SIF.

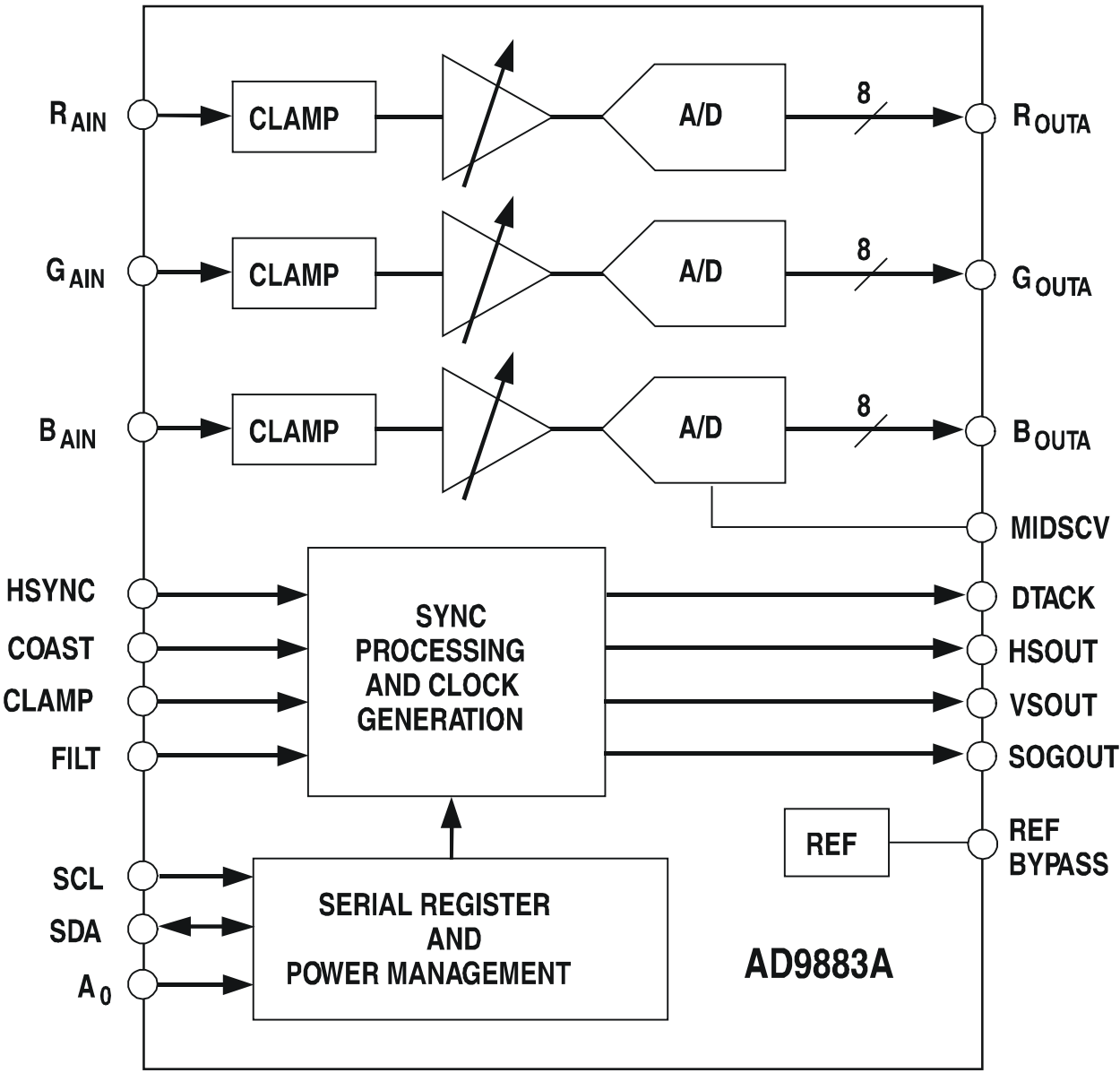
2.VPC3230



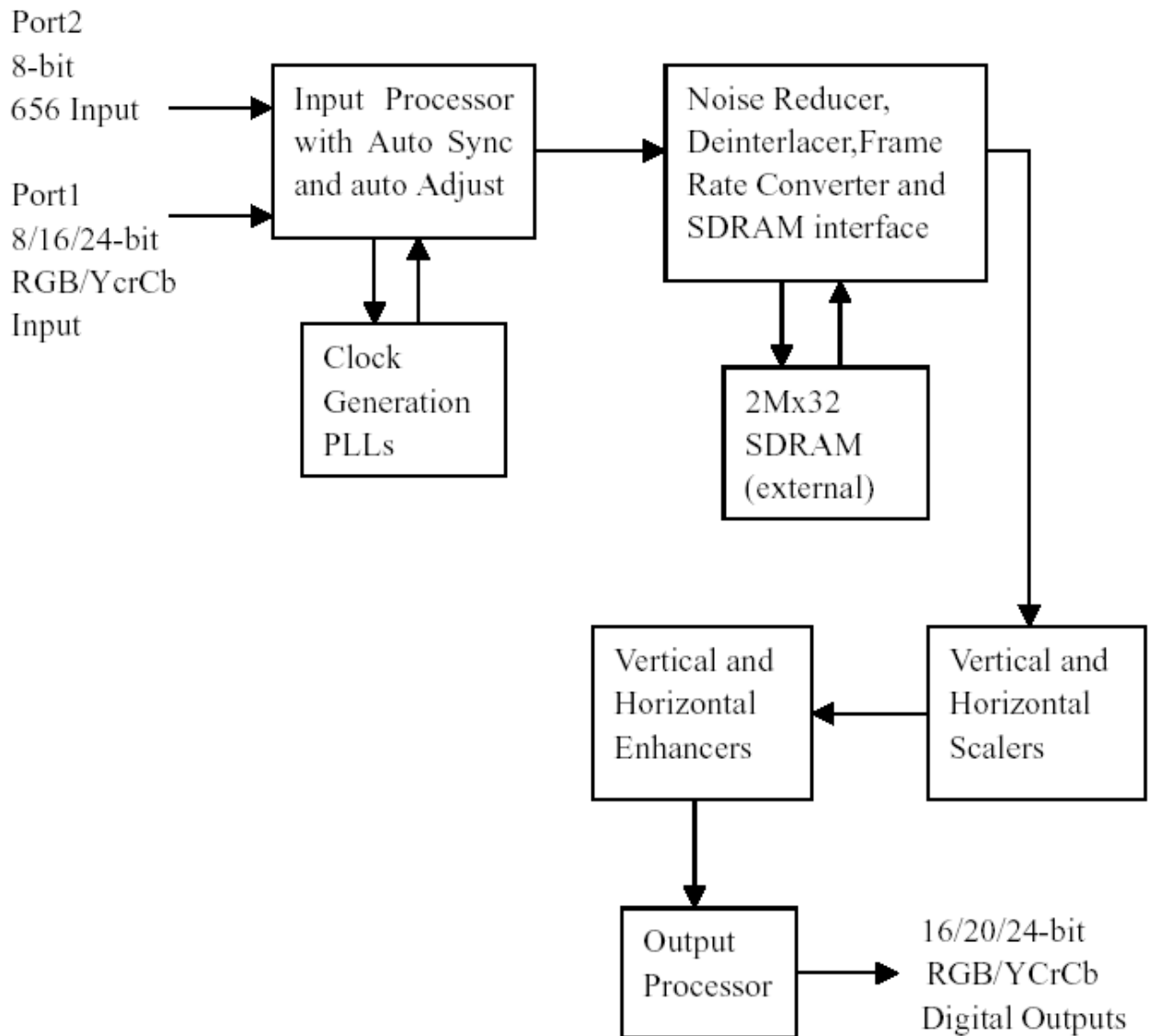
Pins description:

- 4 PIN: Input U of PCMCIA.
- 5,73 PIN: Input Y of PCMCIA.
- 6 PIN: Input V of PCMCIA
- 31-34, 37-40 PIN: output format signal of. ITU-R656
- 70 PIN:Video of AV OUT
- 71 PIN:Input C of SVHS.
- 72 PIN:input Video (SVHS in priority) of Y or AV1 of SVHS.
- 74 PIN:input Video of AV2.
- 75 PIN:input Video of TV/BS.

3.AD9883



4.FLI2310-Simplified Internal Block Diagram



5.JAG-ASM

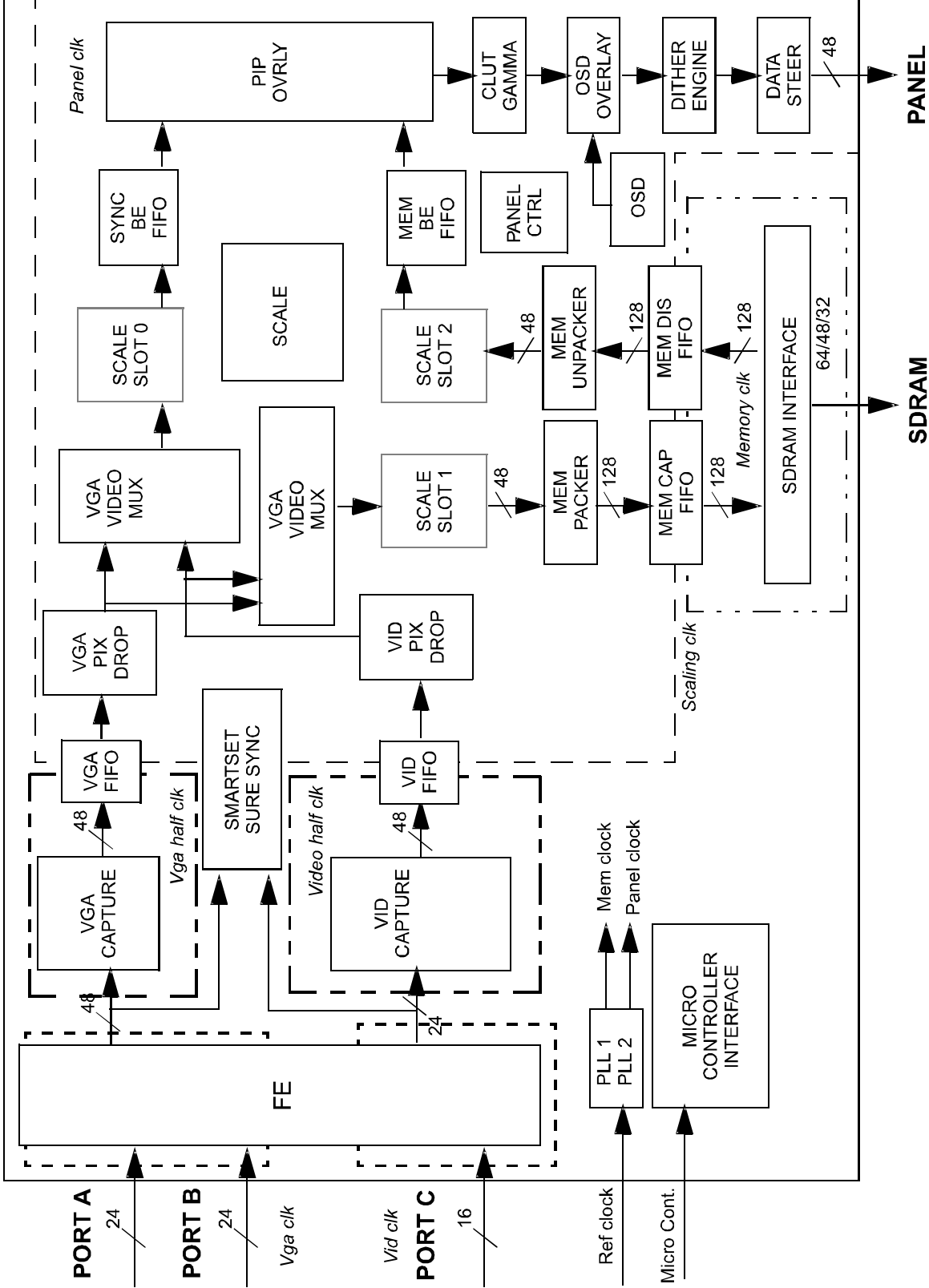


Figure 2. Functional Block Diagram

6.Z86229

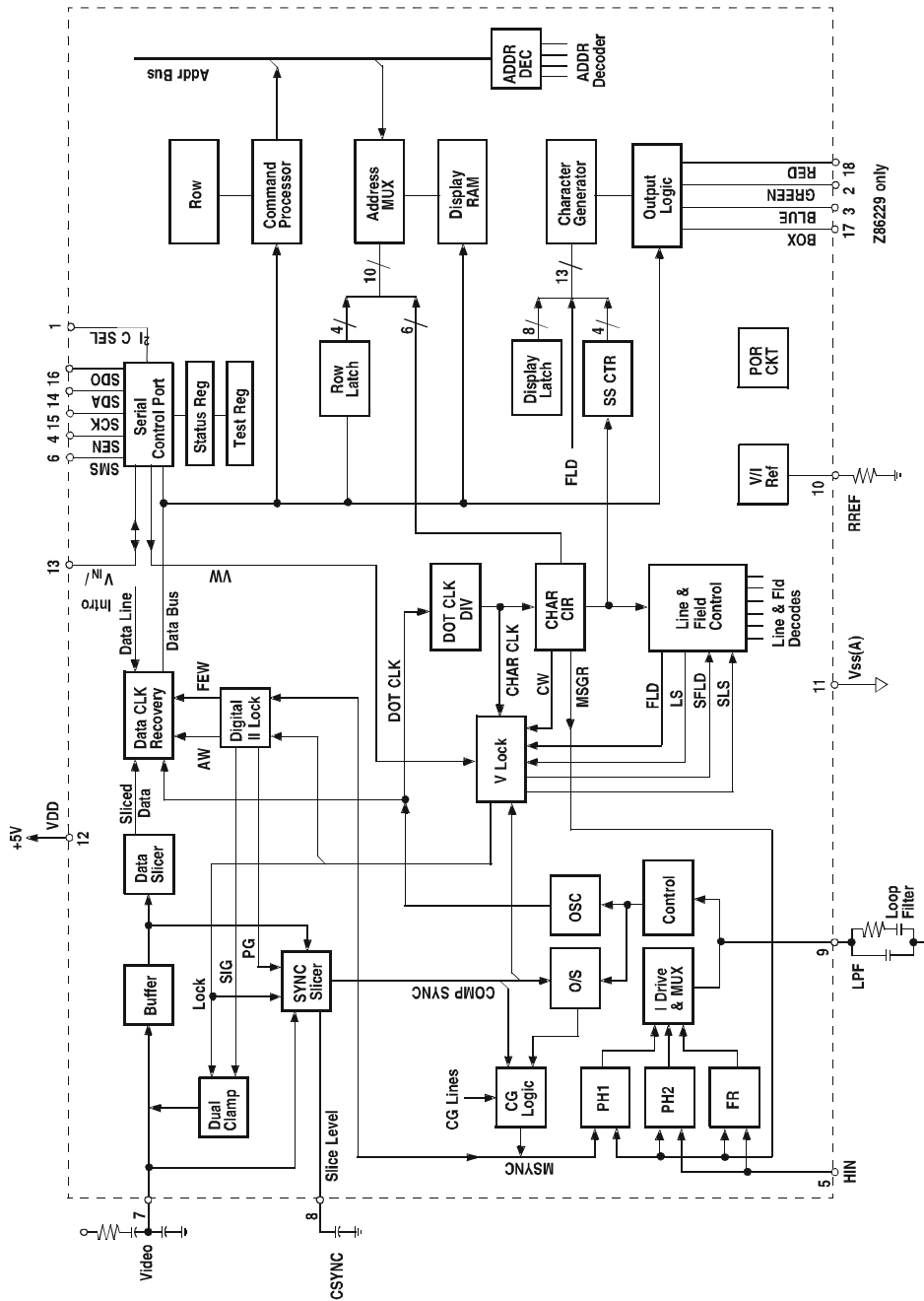


Figure 1. Z86229 Block Diagram

Pins description:

7 PIN: VDIEO INPUT

2 PIN: G OUTPUT

3 PIN: B OUTPUT

18 PIN: R OUTPUT

17 PIN: FB OUTPUT

Main assembly

NAME	NO.	MAIN COMPONENT AND it'S NO.	
AV processing board	667-L32K5N-40	N201 N202 N204 N205	MSP3410 (353-34100-80) M62494FP (353-62494-20) MPS7720 (353-77200-10)
CPU board	667-L32K5N-56	U12 U13 U15 U29 U30 U31 U2 U4	JAG-ASM (353-0JAG0-00) FLI2310 (353-23100-00) TFP501 (353-05010-00) VPC3230D (353-32300-80) MST9883B (353-98830-10) DS90C385 (353-03850-20) TSC80251G2D (353-80251-10) AT49F002NT (352-49002-70)
IR board	667-L32K5-09		
Keypad board	667-L32K5-05		
USB board	667-L32K5-16		
Power supply board	667-L32K7-20		
Remote control (RC-U38R)	301-UL27K6-38R		
Panel (LTA320W2-L01)	335-32001-00		

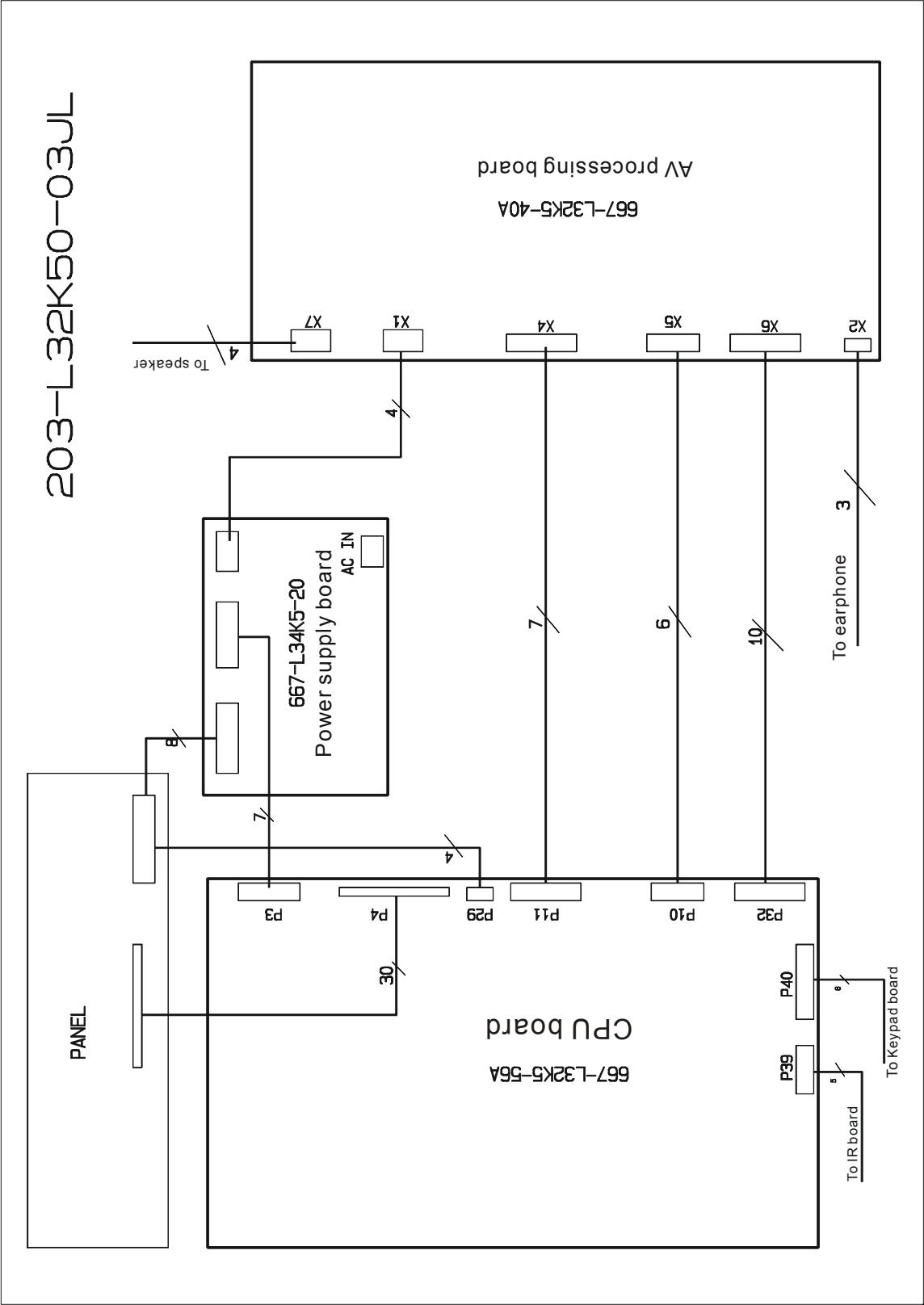
Identification criteria for the bright spot and dark spot of the LCD screen

Category	criteria	Q'ty allowed					Distance between two spots				
		15"	20"	22"	30"	40"	15"	20"	22"	30"	40"
Bright spot	One single spot	≤5	≤2	≤5	≤2	≤3	≥15mm	≥15mm			
	2 neighboring spots	≤2	≤1	≤2	≤1	≤1					
	Total No.	≤5	≤2	≤5	≤2	≤3					
Dark spots	One single spot	≤6	≤7	≤5	≤4	≤10		≥10mm	≥5mm		
	Two neighboring spots	≤2	≤2	≤2	≤1	≤5					
	Total No.	≤6	≤7	≤5	≤4	≤10					
Total defected point		≤8	≤7	≤5	≤4	/					

Notes:

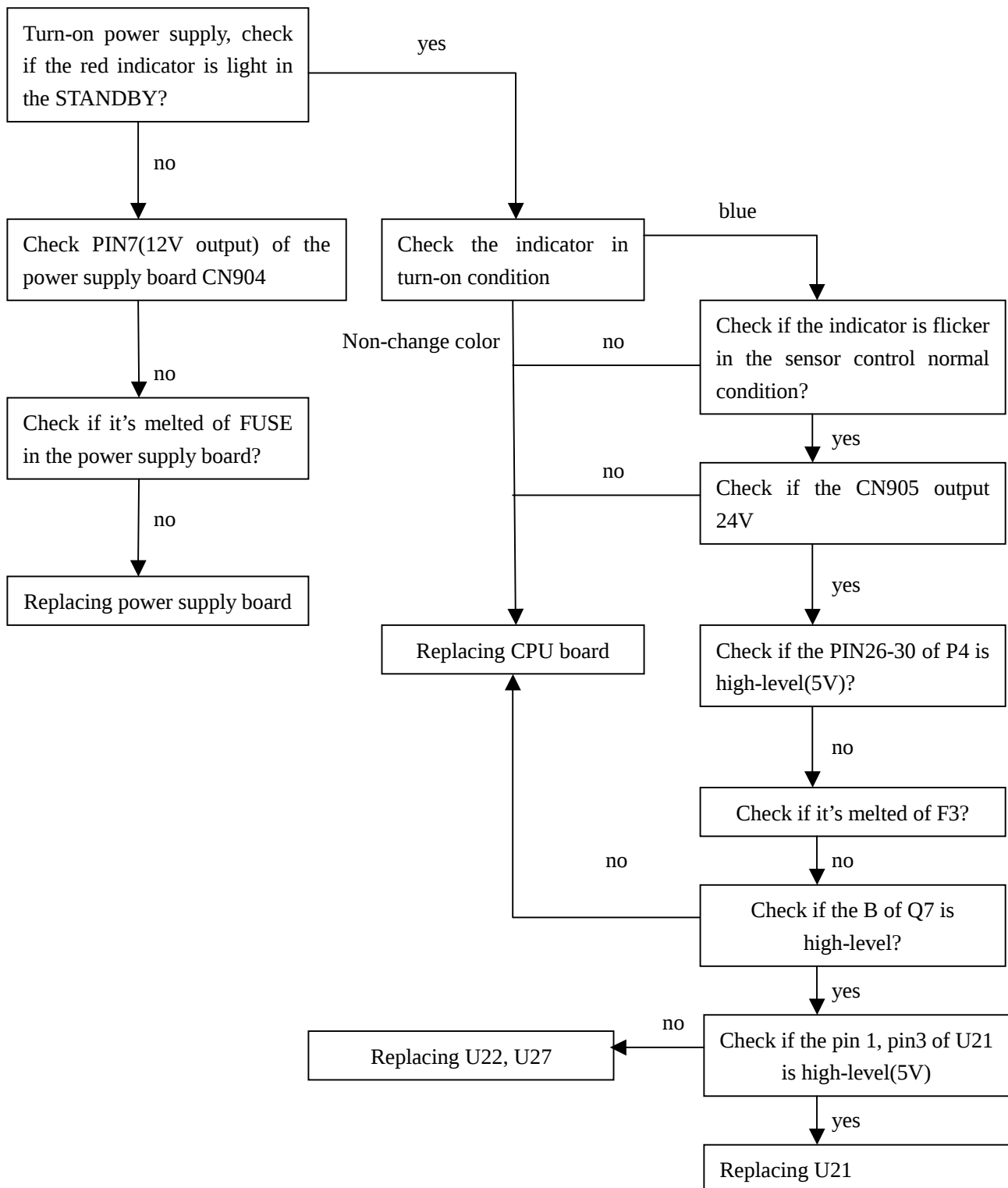
1. Definition of defected point (bright spot, dark spot): It is identified as a defected point if its area exceeds 1/2 of a single picture element (R,G,B).
2. Definition of bright spot: It is identified as a bright spot if it is bright in the state of dark field and its bright size remains unchanged
3. Definition of dark spot: It is identified as a dark spot if it is dark in the state of white field and its dark size remains unchanged
4. Definition of two neighboring points: Defects of a group of picture elements(RB,RG,GB).

Wiring diagram

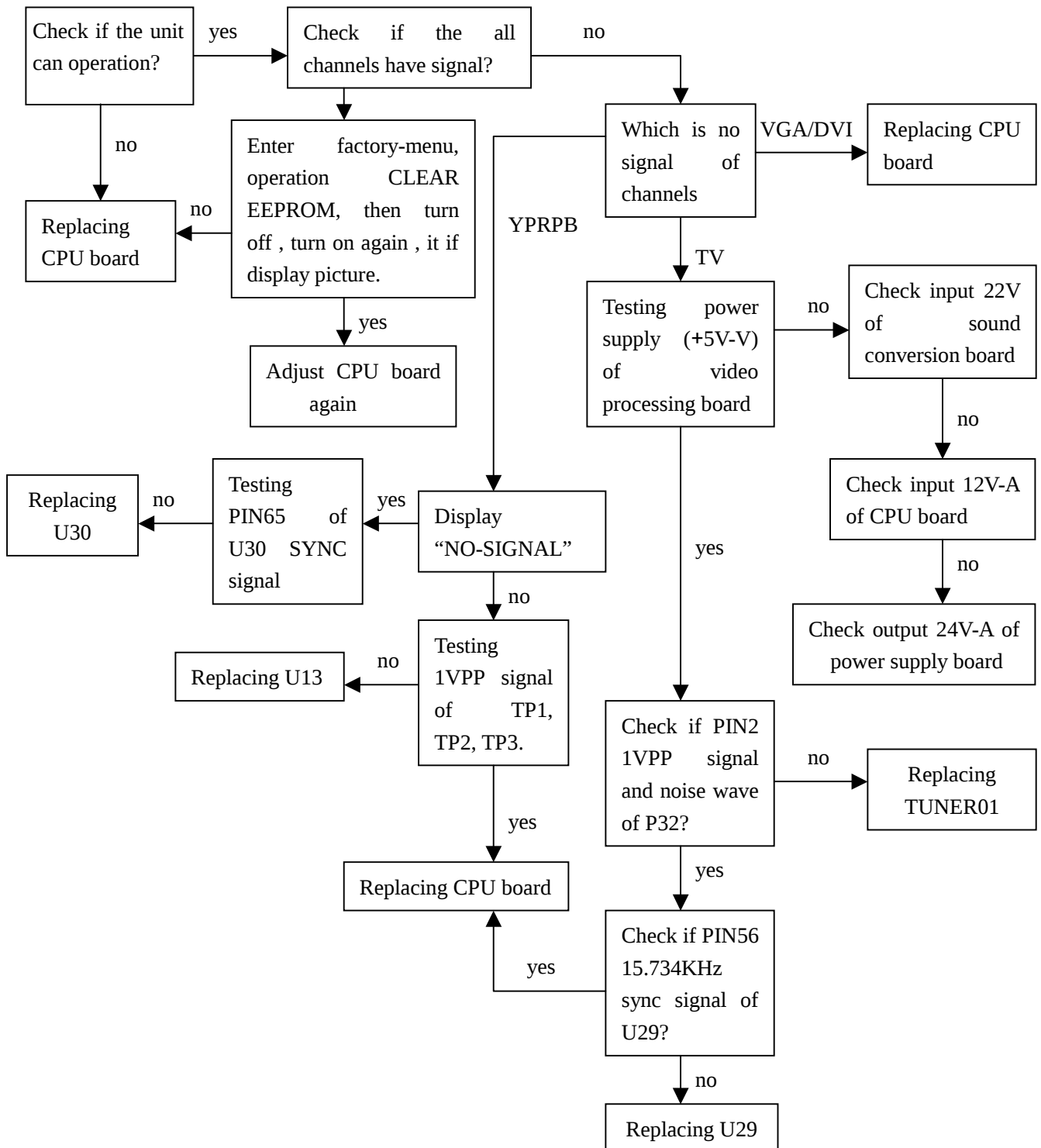


Troubleshooting charts

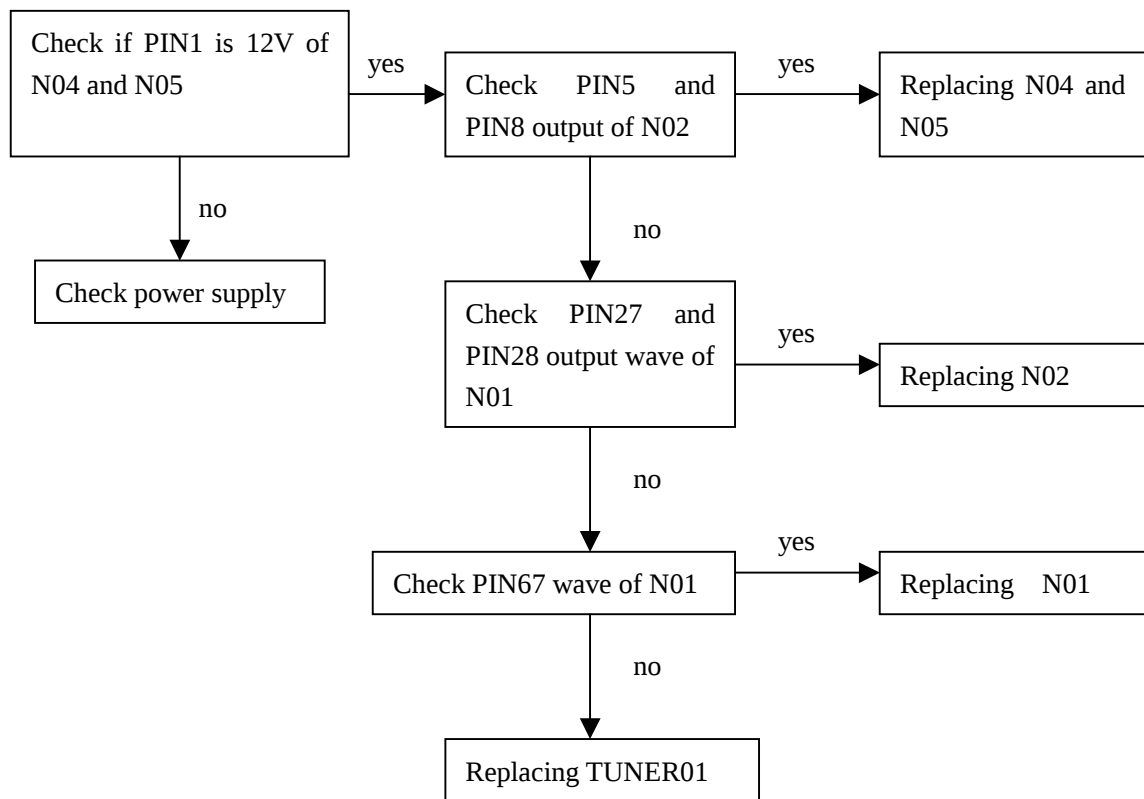
1. No raster



2. raster, but no picture

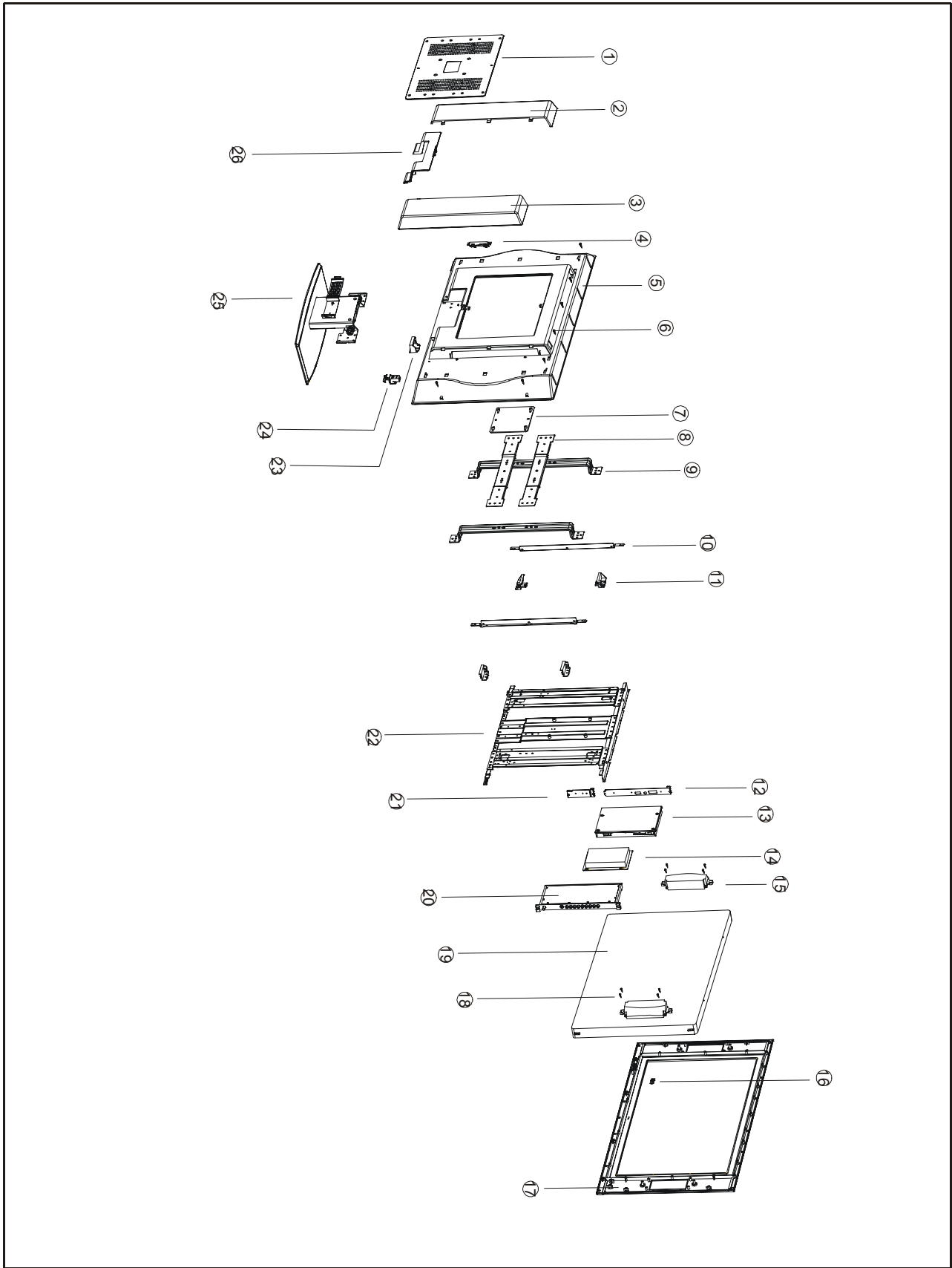


3.no sound



Exploded views

LC-32K5



Exploded views list

NO.	DESCRIPTION	PART #
1	Back cover	808-10756-AN0
2	Left side cover	808-10757-AN0
3	Right side cover	808-10758-AN0
4	Button assy	667-L32K5-05
5	Back cover assy	611-G05RJAW4B
6	Screw	851-23010-14
7	Mount support (middle)	870-10133-00A
8	Mount support (horizontal)	870-10218-00
9	Mount support (vertical)	870-10219-00
10	Panel trans-connecting support	803-10245-00
11	Guide orbit	870-30146-00
12	Digital board baffle	808-60892-00A
13	Digital board assay	667-L32K52-56
14	Power supply board assy	667-L32K5X-20W
15	Speaker assy	615-20402-00
16	LED column	700-60242-00
17	Front cover	780-G05W2J0G2
18	Screw	855-A0029-00
19	LCD panel	335-32001-00
20	AV processor	667-L32K5N-40
21	AV board baffle	808-6B893-00
22	LCD panel fixed support	615-10474-00
23	Power cord	870-30141-AN0
24	Power button	877-60655-AD0
25	Stand	615-10464-06
26	Transfer axis cover	808-10759-AN0

	PART LIST	
PART#	DESCRIPTION	LOCA.NO.
100-L32K50-20	LEC3205	
100-L32K50-02	LC-32K5 02	
335-32002-00	DISPLAY SCREEN V320B1-L01 !	
364-23207-00	AC HOLDER HF-301POWER SOCKET	
485-10144-00	POWER CORD LAP-31+LAS-13 !	
488-10012-00	BATTERY 7 # (made in china	
602-L32K5-01	SCHEMATIC DIAGRAM	
604-L32K57-02	OWNER'S MANUAL(LEGEND 1YCbCr)	
605-L32U57-00	WALL MOUNT TIP	
611-G05RJJAF2	BACK CABINET ASS'Y (HIPS V0 GREY 05	
615-10474-00D	LCD SCREEN HOLDER ASS'Y (LC-34X5)	
615-20402-00A	SPEAK ASS'Y (4Ω10W)	
644-10184-05	IMITATEUL1015 18# 100mm YELLOW / GREEN	
655-31202-117	(3-PINS) LEAD WITH HOUSING	
655-33901-14	(3-PINS) LEAD WITH HOUSING	
655-41202-341	(4-PINS) LEAD WITH HOUSING	
655-51201-174	(5-PINS) LEAD WITH HOUSING	
655-64302-10	(6-PINS) LEAD WITH HOUSING	
655-74302-28	(7)-PINS LEAD WITH HOUSING	
655-81501-04	(8)-PINS LEAD WITH HOUSING	
655-B4301-11	(12-PINS) LEAD WITH HOUSING	
655-TE302-15	(10-PINS) LEAD WITH HOUSING	
665-D0002-423	AUDIO LINE XH-3.5-RCA-2000	
665-D0002-546	LVDS LINE 30-PINS160mm	
666-13001-00	FERRITE BEAD TY30X20X10	
700-60241-00	LED COLUMN(IR RECEIVE)	
700-60242-00	LED COLUMN(INDICATOR LIGHT)	
742-30005-09	LINE TIE	
742-30032-00	TIE	
780-G05W2J0G3A	FRONT CABINET (ABS V0 SILVER WHITE 06, <u>4</u>	
803-10245-00	LCD SCREEN TRANS-CONNECTING SUPPORT	
804-2A424-00A	TV BAFFLE	
808-10756-AF0	BACK CABINET COVER (GREY 05)	
808-10757-AF0	LEFT COVER BOARD (GREY 05)	
808-10758-AF0	RIGHT COVER BOARD (GREY 05)	
808-10759-AF0	AXLETREE COVER BOARD (GREY 05)	
808-60892-00A	DIGITAL BOARD BAFFLE	
808-6A893-00	AV BOARD BAFFLE	
808-70322-00	INSULATOR	
808-70323-00	INSULATOR	
808-70336-00	CUSHION	
808-70394-00	INSULATOR	
808-70394-00	INSULATOR	
838-10409-00	SPRING	
851-13012-11	SCREW P(+) T3X12A-DZn	
851-13012-11	SCREW P(+) T3X12A-DZn	
851-13012-11	SCREW P(+) T3X12A-DZn	
851-13012-11	SCREW P(+) T3X12A-DZn	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	

851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-23010-14	SCREW SJ2824 ST3X10C-Y	
851-43008-14	SCREW F(+)T3x8A-Y	
851-43008-14	SCREW F(+)T3x8A-Y	
851-43014-14	SCREW F(+)T3x14A-Y	
851-43014-14	SCREW F(+)T3x14A-Y	
851-53006-31	SCREW SJ2825 ST3X6FT-D.Zn	
851-53006-31	SCREW SJ2825 ST3X6FT-D.Zn	
851-53006-31	SCREW SJ2825 ST3X6FT-D.Zn	
851-53006-31	SCREW SJ2825 ST3X6FT-D.Zn	
851-53008-11	SCREW SJ2825 ST3X8C-D.Zn	
851-53008-11	SCREW SJ2825 ST3X8C-D.Zn	
851-53010-14	SCREW SJ2825 ST3X10C-Y	
851-53010-14	SCREW SJ2825 ST3X10C-Y	
852-43006-81	SCREW F(+) M3*6-DZn	
852-43006-81	SCREW F(+) M3*6-DZn	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43008-84	SCREW F(+) M3X8-Y	
852-43010-81	SCREW F(+)M3X10GB819-85	
852-43010-84	SCREW F(+) M3X10-Y	
852-43010-84	SCREW F(+) M3X10-Y	
852-44008-82	SCREW F(+)M4X8-D.Ni	
852-44008-82	SCREW F(+)M4X8-D.Ni	
852-44008-84	SCREW F(+) M4X8-Y	
852-44008-84	SCREW F(+) M4X8-Y	
852-44010-84	SCREW F(+) M4X10-Y	
852-44010-84	SCREW F(+) M4X10-Y	
852-44010-84	SCREW F(+) M4X10-Y	
852-44010-84	SCREW F(+) M4X10-Y	
852-53008-81	SCREW SJ2830 M3X8-D.Zn	
852-53008-81	SCREW SJ2830 M3X8-D.Zn	
852-53012-81	SCREW SJ2830 M3X12-D.Zn	
852-53012-81	SCREW SJ2830 M3X12-D.Zn	
852-53012-81	SCREW SJ2830 M3X12-D.Zn	
852-53012-81	SCREW SJ2830 M3X12-D.Zn	
852-54006-84	SCREW SJ2830 M4X6-Y	
852-54006-84	SCREW SJ2830 M4X6-Y	
852-54010-84	SCREW SJ2830 M4X10-Y	
852-54010-84	SCREW SJ2830 M4X10-Y	
852-64010-81	SCREW W(+) M4X10-D.Zn	
855-A0029-00	SCREW ST4X14	
859-11398-00	INVERTER PIECE SHIELD COVER	

862-20039-00	CARTON CLIPS	
863-81363-00	POLY FOAM (TOP)	
863-81364-00	POLY FOAM (BOTTOM)	
868-10043-00	WASHER (14X4X1 METAL)	
868-20453-00	RUBBER WASHER	
870-10133-00A	WALL MOUNT BRACKET (MIDDLE)	
870-10218-00	WALL MOUNT BRACKET (HORIZONGTAL)	
870-10219-00	WALL MOUNT BRACKET (VERTICAL)	
870-30141-AF0	POWER SOCKET BRACKET (GREY 05)	
870-30143-00	COVER BOARD BUTTON BRACKET 2	
870-30144-00	LEADING TRACK (LEFT)	
870-30145-00	LEADING TRACK (RIGHT)	
870-30146-00	LEADING TRACK (TOP)	
870-30147-00	LEADING TRACK (MIDDLE)	
870-30148-00	LEADING TRACK (BOTTOM)	
881-60085	BLANK WARNING LABEL	
881-62875-121	BACK PLATE LABEL (LEC3205,LEGEND)	
881-63016-00A	POWER SYMBOL LABEL (T2751)	
881-63071-00	GROUNDING LABEL	
881-63982-00	BAR CODE LABEL (69020702055)	
881-80674-00	SERVICE CARD (LCD27-32)	
881-80787-00	REGISTER CARD (LEGEND)	
886-31021-00	ACCESSORY BOX (15L)	
886-31729-430W	CARTON BOX (LEC3205,LEGEND)	
886-31730-00	CARTON BOX BOTTOM COVER	
887-20047-01A	ACCESSORY PALSTIC BAG ()	
887-21097-P0	PE/PEARL COTTONPALSTIC BAG 1200X1050	
894-30080-11	WASHER GB97.1-85-8-DZN	
894-30080-11	WASHER GB97.1-85-8-DZN	
894-70040-11	WASHER GB862.1-87-4-D.Zn	
535-L32K5-00	WALL MOUNT ASS'Y	
852-34008-81	SCREW B(+) M4X8-D.Zn	
855-B0016-00	EXPANDING BOLT M8X72	
855-C4030-00	SCREW 4X30	
855-C4030-00	SCREW 4X30	
863-80921-00	WALL MOUNT POLY FOAM	
886-31387-00	WALL MOUNT PACKING BOX (455X195X95)	
870-10080-00A	WALL MOUNT HOLDER	
870-10079-00A	WALL MOUNT CONNECT BRACKET (1)	
887-21167-00	WALL MOUNT ACCESSORY PACKING BAG (MIDDLE 性)	
615-10464-06	PANEL HOLDER ASS'Y (DZ-0232)	
615-10446-00	AXLETREE ASS'Y	
742-30073-00	TIE	
852-44010-82	SCREW F(+)M4X10 DNï	
852-44010-82	SCREW F(+)M4X10 DNï	
820-20043-00A	BALANCE BOARD	
851-44008-52	SCREW F(+)T4X8G-DNi	
852-14010-81	SCREW P(+)M4X10-D.Zn	
852-14010-81	SCREW P(+)M4X10-D.Zn	
852-43010-84	SCREW F(+) M3X10-Y	
852-44008-82	SCREW F(+)M4X8-D.Ni	

868-20478-00A	CUSHION	
870-40203-0G0	STAND COLUMN (SILVER WHITE 06)	
807-20221-0G0	HOLDER (SILVER WHITE 06)	
SL32K50-18A10	SOFTWARE PARKER N	LO
667-L32K5-05	KEY BOARD ASS'Y	
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S1
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S2
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S3
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S4
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S5
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S6
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S7
782-L32K5-0500	BUTTON PCB	
364-38186-00	8-PINS CONNECTORS JC10-8AW	X1
877-60621-00B	BUTTON	
877-60624-0T0	BUTTON COVER (PLATE SILVERY WHITE)	
667-L32K5-09	IR RECEIVE BOARD ASS'Y	
667-L32K5-09\	IR RECEIVE BOARD ASS'Y (MANUAL INSERTION)	
340-10113-20	LED HFT503MPBR-1	LED1
352-38060-60	IC HRM138BB3006 (M)	N1
464-6C647-M0	ELECTROLYTIC CAPACITOR CD110-10V-47uF-M	C2
364-351AY-00	5-PINS CONNECTORS TJC10-5A	X1
667-L32K5-09*	IR RECEIVE BOARD ASS'Y (SMD)	
455-12222-H0	SMD RESISTOR FTR0603222JR	R2
455-12310-H0	SMD RESISTOR FTR0603103JR	R1
456-2410M-C1	SMD CAPACITOR 06032E104M250BA	C1
782-L32K5-0900	IR RECEIVE PCB	
455-12110-H0	SMD RESISTOR FTR0603101JR	R3
667-L32K5-16	USB BOARD ASS'Y	
364-11212-00	EARPHONE JACK ST-112	X2
782-L32K5-1600	USB PCB	
364-33104-00	3-PINS CONNECTORS TJC3-03AWT	X3
667-L32K5N-40	AUDIO / VIDEO PROCESSING BOARD ASS'Y	
667-L32K5N-40\	AUDIO / VIDEO PROCESSING BOARD ASS'Y (MANUAL INSERTION)	
329-61805-00	CRYSTAL HC-49U 18.432MHZ	G01
340-00001-00	DIODE 1N4148	D05
340-00287-00	DIODE 1N5822	D10
352-21420-00	IC TLE2142 CP (D)	N03
352-78090-90	IC TA78L09 (D)	N06
364-33104-00	3-PINS CONNECTORS TJC3-03AWT	X2
364-34104-00	4-PINS CONNECTORS TJC3-04AWT	X1
364-34104-00	4-PINS CONNECTORS TJC3-04AWT	X7
364-36104-00	6-PINS CONNECTORS TJC3-06AWT	X5
364-37104-00	7-PINS CONNECTORS TJC3-07AWT	X4
364-3D104-00	10-PINS CONNECTORS TJC3-10AWT	X6
364-41207-00	ANTENNA SOCKET HR-F	
364-91202-00	S-VIDEO TERMINAL CKX5-2K-2	X02
364-93219-00	AV JACK AV3-14WKD	X03

364-93219-00	AV JACK AV3-14WKD	X04
364-93219-00	AV JACK AV3-14WKD	X05
462-B0447-H0	POLYESTER CAPACITOR CL21X-50V-0.47uF-J	C88
462-B0447-H0	POLYESTER CAPACITOR CL21X-50V-0.47uF-J	C95
464-60510-M0	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C64
464-60510-M0	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C65
464-60510-M0	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C70
464-60510-M0	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C71
464-60533-M0	ELECTROLYTIC CAPACITOR CD110-50V-3.3uF-M	C27
464-6C722-M0	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C104
464-6C722-M0	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C96
464-6C747-M0	ELECTROLYTIC CAPACITOR CD110-10V-470uF-M	C101
464-6D522-M0	#ELECTROLYTIC CAPACITOR CD110-16V-2.2uF-M	C43
464-6D522-M0	#ELECTROLYTIC CAPACITOR CD110-16V-2.2uF-M	C46
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C118
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C119
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C14
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C34
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C35
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C41
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C42
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C45
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C61
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C13
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C16
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C36
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C123
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C124
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C125
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C66
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C69
464-6D722-M0	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C01
464-6D722-M0	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C04
464-6D722-M0	ELECTROLYTIC CAPACITOR CD110-16V-220uF-M	C117
464-6D747-M0	ELECTROLYTIC CAPACITOR CD110-16V-470uF-M	C68
464-6E647-M0	ELECTROLYTIC CAPACITOR CD110-25V-47uF-M	C90
464-6F647-M0	ELECTROLYTIC CAPACITOR CD110-35V-47uF-M	C72
464-6F722-M0	ELECTROLYTIC CAPACITOR CD110-35V-220uF-M	C81
464-6F747-M0	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C103
464-6F747-M0	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C77
464-6F747-M0	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C78
464-6F747-M0	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C93
464-6F810-M0	ELECTROLYTIC CAPACITOR CD110-35V-1000uF-M	C82
464-6F810-M0	ELECTROLYTIC CAPACITOR CD110-35V-1000uF-M	C97
464-6F810-M0	ELECTROLYTIC CAPACITOR CD110-35V-1000uF-M	C98
467-1D112-H03	CARBON RESISTOR RT14-1/4W-120Ω-J	R78
471-1056H-00	PEAKING COIL EL0606SKI-560J	L01
471-1056H-00	PEAKING COIL EL0606SKI-560J	L02
477-40230-00	FIXED COIL LH470-1	L21
477-40230-00	FIXED COIL LH470-1	L23
477-40242-00	FIXED COIL DASL983BN-1003	L19
477-40242-00	FIXED COIL DASL983BN-1003	L20
590-40716-00	TUNER JS-6AM/134 !	
665-N0200-00	COAXIAL CABLE CSYV-2B-200J	

666-12301-00	FERRITE BEAD TY23X13.5X6	TU
667-L32K5-40A\	AUDIO / VIDEO PROCESSING BOARD ASS'Y (MANUAL INSERTION)	
742-30005-09	LINE TIE	
859-11334-00A	TV BOARD SHIELD COVER (TOP)	
859-11335-00A	TV BOARD SHIELD COVER (BOTTOM)	
667-L32K5N-40*	AUDIO / VIDEO PROCESSING BOARD ASS'Y (SMD)	
340-00362-00	SMD DIODE MBRST130LT3	D08
340-00362-00	SMD DIODE MBRST130LT3	D09
340-00362-00	SMD DIODE MBRST130LT3	D13
340-00362-00	SMD DIODE MBRST130LT3	D14
340-50625-00	SMD ZENER DIODE BZV55-C6V2	D06
340-50625-00	SMD ZENER DIODE BZV55-C6V2	D07
342-08470-90	SMD TRANSISTOR BC847AW	V02
342-08470-90	SMD TRANSISTOR BC847AW	V03
342-08470-90	SMD TRANSISTOR BC847AW	V04
342-08470-90	SMD TRANSISTOR BC847AW	V06
342-08470-90	SMD TRANSISTOR BC847AW	V1
342-08470-90	SMD TRANSISTOR BC847AW	V2
342-08470-90	SMD TRANSISTOR BC847AW	V3
342-08570-90	SMD TRANSISTOR BC857 AW	V05
353-15010-50	SMD ICAP1501-50K5	N07
353-34200-10	SMD ICMSP3420G-B8-V3	
353-62494-20	*SMD ICM62494FP (M)	N02
353-77200-10	SMD ICMP57720DS	N04
353-77200-10	SMD ICMP57720DS	N05
455-12000-H0	SMD RESISTOR FTR0603000XR	R02
455-12000-H0	SMD RESISTOR FTR0603000XR	R50
455-12000-H0	SMD RESISTOR FTR0603000XR	R51
455-12068-H0	SMD RESISTOR FTR0603680JR	R40
455-12075-H0	SMD RESISTOR FTR0603750JR	R08
455-12075-H0	SMD RESISTOR FTR0603750JR	R19
455-12075-H0	SMD RESISTOR FTR0603750JR	R22
455-12075-H0	SMD RESISTOR FTR0603750JR	R27
455-12110-H0	SMD RESISTOR FTR0603101JR	R09
455-12110-H0	SMD RESISTOR FTR0603101JR	R10
455-12110-H0	SMD RESISTOR FTR0603101JR	R11
455-12110-H0	SMD RESISTOR FTR0603101JR	R20
455-12110-H0	SMD RESISTOR FTR0603101JR	R21
455-12110-H0	SMD RESISTOR FTR0603101JR	R25
455-12110-H0	SMD RESISTOR FTR0603101JR	R26
455-12110-H0	SMD RESISTOR FTR0603101JR	R29
455-12110-H0	SMD RESISTOR FTR0603101JR	R32
455-12110-H0	SMD RESISTOR FTR0603101JR	R34
455-12110-H0	SMD RESISTOR FTR0603101JR	R39
455-12110-H0	SMD RESISTOR FTR0603101JR	R42
455-12110-H0	SMD RESISTOR FTR0603101JR	R55
455-12110-H0	SMD RESISTOR FTR0603101JR	R58
455-12147-H0	SMD RESISTOR FTR0603471JR	R93
455-12147-H0	SMD RESISTOR FTR0603471JR	R94
455-12147-H0	SMD RESISTOR FTR0603471JR	R95
455-12210-H0	SMD RESISTOR FTR0603102JR	R36

455-12210-H0	SMD RESISTOR FTR0603102JR	R43
455-12210-H0	SMD RESISTOR FTR0603102JR	R96
455-12215-H0	SMD RESISTOR FTR0603152JR	R46
455-12220-H0	SMD RESISTOR FTR0603202JR	R41
455-12230-H0	SMD RESISTOR FTR0603302JR	R47
455-12239-H0	SMD RESISTOR FTR0603392JR	R45
455-12247-H0	SMD RESISTOR FTR0603472JR	R72
455-12268-H0	SMD RESISTOR FTR0603682JR	R35
455-12268-H0	SMD RESISTOR FTR0603682JR	R37
455-12268-H0	SMD RESISTOR FTR0603682JR	R87
455-12268-H0	SMD RESISTOR FTR0603682JR	R88
455-12268-H0	SMD RESISTOR FTR0603682JR	R89
455-12310-H0	SMD RESISTOR FTR0603103JR	R06
455-12310-H0	SMD RESISTOR FTR0603103JR	R07
455-12310-H0	SMD RESISTOR FTR0603103JR	R12
455-12310-H0	SMD RESISTOR FTR0603103JR	R14
455-12310-H0	SMD RESISTOR FTR0603103JR	R15
455-12310-H0	SMD RESISTOR FTR0603103JR	R33
455-12310-H0	SMD RESISTOR FTR0603103JR	R38
455-12310-H0	SMD RESISTOR FTR0603103JR	R49
455-12310-H0	SMD RESISTOR FTR0603103JR	R52
455-12310-H0	SMD RESISTOR FTR0603103JR	R53
455-12310-H0	SMD RESISTOR FTR0603103JR	R54
455-12310-H0	SMD RESISTOR FTR0603103JR	R59
455-12310-H0	SMD RESISTOR FTR0603103JR	R60
455-12310-H0	SMD RESISTOR FTR0603103JR	R61
455-12310-H0	SMD RESISTOR FTR0603103JR	R62
455-12310-H0	SMD RESISTOR FTR0603103JR	R63
455-12310-H0	SMD RESISTOR FTR0603103JR	R64
455-12310-H0	SMD RESISTOR FTR0603103JR	R70
455-12310-H0	SMD RESISTOR FTR0603103JR	R73
455-12310-H0	SMD RESISTOR FTR0603103JR	R74
455-12310-H0	SMD RESISTOR FTR0603103JR	R79
455-12310-H0	SMD RESISTOR FTR0603103JR	R80
455-12310-H0	SMD RESISTOR FTR0603103JR	R85
455-12310-H0	SMD RESISTOR FTR0603103JR	R86
455-12310-H0	SMD RESISTOR FTR0603103JR	R90
455-12310-H0	SMD RESISTOR FTR0603103JR	R91
455-12310-H0	SMD RESISTOR FTR0603103JR	R92
455-12310-H0	SMD RESISTOR FTR0603103JR	R97
455-12410-H0	SMD RESISTOR FTR0603104JR	R23
455-12410-H0	SMD RESISTOR FTR0603104JR	R24
455-12410-H0	SMD RESISTOR FTR0603104JR	R28
455-12410-H0	SMD RESISTOR FTR0603104JR	R31
455-12410-H0	SMD RESISTOR FTR0603104JR	R44
455-12410-H0	SMD RESISTOR FTR0603104JR	R48
455-12410-H0	SMD RESISTOR FTR0603104JR	R56
455-12410-H0	SMD RESISTOR FTR0603104JR	R57
455-12410-H0	SMD RESISTOR FTR0603104JR	R65
455-12410-H0	SMD RESISTOR FTR0603104JR	R66
455-12410-H0	SMD RESISTOR FTR0603104JR	R68
455-12410-H0	SMD RESISTOR FTR0603104JR	R69
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	R71
455-22010-H0	SMD RESISTOR RC11-1/8W-10-J	R81

455-22010-H0	SMD RESISTOR RC11-1/8W-10-J	R82
455-22110-H0	SMD RESISTOR RC11-1/8W-100-J	R30
455-22382-H0	SMD RESISTOR RC11-1/8W-82K-J	R76
455-22382-H0	SMD RESISTOR RC11-1/8W-82K-J	R77
456-1510R-C3	SMD CAPACITOR C3216Y5V1C105ZT	C79
456-1510R-C3	SMD CAPACITOR C3216Y5V1C105ZT	C80
456-1522R-C3	SMD CAPACITOR C3216Y5V1C225ZT	C73
456-1522R-C3	SMD CAPACITOR C3216Y5V1C225ZT	C74
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C106
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C107
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C49
456-2310R-C1	SMD CAPACITOR 06032E103Z250BA	C83
456-2322K-B1	SMD CAPACITOR 0603X7R223K250BA	C57
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C03
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C05
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C100
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C102
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C105
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C120
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C121
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C122
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C15
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C28
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C47
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C52
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C55
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C59
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C62
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C63
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C67
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C86
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C91
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C92
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C99
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C53
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C110
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C111
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C17
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C18
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C20
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C23
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C25
456-2447R-C1	SMD CAPACITOR 06032E474Z250BA	C26
456-2482R-C1	SMD CAPACITOR 06032E824Z250BA	C56
456-3010H-11	SMD CAPACITOR C1608CH1H100JT	C89
456-3010H-11	SMD CAPACITOR C1608CH1H100JT	C94
456-3018H-11	SMD CAPACITOR 0603CG180J500BA	C07
456-3018H-11	SMD CAPACITOR 0603CG180J500BA	C08
456-3051H-11	SMD CAPACITOR 0603CG510J500BA	C09
456-3051H-11	SMD CAPACITOR 0603CG510J500BA	C10
456-3051H-11	SMD CAPACITOR 0603CG510J500BA	C116
456-3122H-11	SMD CAPACITOR 0603CG221J500BA	C24
456-3139H-12	SMD CAPACITOR C2012CH1H391JT	C112
456-3139H-12	SMD CAPACITOR C2012CH1H391JT	C113

456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C11
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C22
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C38
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C54
456-3147H-11	SMD CAPACITOR 0603CG471J500BA	C58
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C21
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C29
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C30
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C31
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C32
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C33
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C39
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C40
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C44
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C60
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C12
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C19
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C37
456-3247H-11	SMD CAPACITOR 0603CG472J500BA	C50
456-3256K-B2	SMD CAPACITOR C2012X7R1H562KT	C75
456-3256K-B2	SMD CAPACITOR C2012X7R1H562KT	C76
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C51
456-3318K-B1	SMD CAPACITOR 06032R183K500BA	C48
456-3322K-B2	SMD CAPACITOR C2012X7R1H223KT	C84
456-3322K-B2	SMD CAPACITOR C2012X7R1H223KT	C85
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L27
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L28
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	L29
666-12012-00	SMD FERRITE BEAD BG2012B300T	L05
666-12012-00	SMD FERRITE BEAD BG2012B300T	L06
666-12012-00	SMD FERRITE BEAD BG2012B300T	L07
666-12012-00	SMD FERRITE BEAD BG2012B300T	L08
666-12012-00	SMD FERRITE BEAD BG2012B300T	L09
666-12012-00	SMD FERRITE BEAD BG2012B300T	L10
666-12012-00	SMD FERRITE BEAD BG2012B300T	L11
666-12012-00	SMD FERRITE BEAD BG2012B300T	L12
666-12012-00	SMD FERRITE BEAD BG2012B300T	L13
666-12012-00	SMD FERRITE BEAD BG2012B300T	L14
666-12012-00	SMD FERRITE BEAD BG2012B300T	L16
666-12012-00	SMD FERRITE BEAD BG2012B300T	L17
666-12012-00	SMD FERRITE BEAD BG2012B300T	L18
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L03
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L04
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L15
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L22
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L24
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L25
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	L26
667-L32K5-40A*	AUDIO / VIDEO PROCESSING BOARD ASS'Y (SMD)	
782-L32K51-400C	AUDIO / VIDEO PROCESSING CIRCUIT PCB	
667-L32K5N-56	CPU BOARD ASS'Y	
667-L32K5N-56\	CPU BOARD ASS'Y (MANUAL INSERTION)	

667-L32K5-56A\	CPU BOARD ASS'Y (MANUAL INSERTION)	
329-61304-00	CRYSTAL HC-49S 13.5MHz	X2
329-61402-00	CRYSTAL HC-49/US 14.31818MHZ	X1
329-62001-00	CRYSTAL CAST5 20.25MHZ	X3
340-00287-00	DIODE 1N5822	D12
340-00287-00	DIODE 1N5822	D13
340-00287-00	DIODE 1N5822	D14
352-49002-70	IC AT49F002NT-70PC	U4
364-03205-00	IC SOCKET 32T6	U4
364-11212-00	EARPHONE JACK ST-112	P8
364-11212-00	EARPHONE JACK ST-112	P9
364-34168-00	4-PINS CONNECTORS 112-DS04G-S	P51
364-34186-00	4-PINS CONNECTORS TJC10-4AWT	P29
364-35186-00	5-PINS CONNECTORS TJC10-5AW	P39
364-36104-00	6-PINS CONNECTORS TJC3-06AWT	P10
364-37104-00	7-PINS CONNECTORS TJC3-07AWT	P11
364-37104-00	7-PINS CONNECTORS TJC3-07AWT	P3
364-38186-00	8-PINS CONNECTORS JC10-8AW	P40
364-3D104-00	10-PINS CONNECTORS TJC3-10AWT	P32
364-49217-00	DVI SOCKET DVI34-24+5SFW	P7
364-91227-00	VGA SOCKET SCREW	P5
364-92216-00	AV JACK AV205-1	P52
364-93220-00	AV JACK AV3-14WD	P53
464-6C722-M0	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C207
464-6C722-M0	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C504
464-6C722-M0	ELECTROLYTIC CAPACITOR CD110-10V-220uF-M	C505
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C232
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C233
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C234
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C248
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C260
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C261
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C400
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C401
464-6D622-M0	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C402
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C223
464-6D810-M1	ELECTROLYTIC CAPACITOR CD110-16V-1000uF-M	C197
464-6D810-M1	ELECTROLYTIC CAPACITOR CD110-16V-1000uF-M	C200
464-6D810-M1	ELECTROLYTIC CAPACITOR CD110-16V-1000uF-M	C382
464-6D810-M1	ELECTROLYTIC CAPACITOR CD110-16V-1000uF-M	C503
464-6F747-M1	ELECTROLYTIC CAPACITOR CD110-35V-470uF-M	C469
471-1056H-00	PEAKING COIL EL0606SKI-560J	FB28
471-1056H-00	PEAKING COIL EL0606SKI-560J	FB31
569-02155-00	FUSE 20N030L-125V 3A !	F3
789-70035-00	HEXAGONAL SCREW M3	
789-70036-00	HEXAGONAL SCREW M3	
855-A0053	HEXAGONAL SCREW M3X7	
855-A0053	HEXAGONAL SCREW M3X7	
859-11336-00A	DIGITAL BOARD SHIELD COVER (TOP)	
859-11337-00A	DIGITAL BOARD SHIELD COVER (BOTTOM)	
868-20037-01	FIBRE WASHER φ8Xφ3.2X0.3 BLACK	
868-20037-01	FIBRE WASHER φ8Xφ3.2X0.3 BLACK	
870-1A187-00	BRACKET	

667-L32K5N-56*	CPU BOARD ASS'Y (SMD)	
329-61405-00	SMD CRYSTAL VCO 14.318M SS0-570	X01
340-00001-0S	SMD DIODE LL4148	D15
340-00289-00	SMD DIODE BAV99LT1	D2
340-00289-00	SMD DIODE BAV99LT1	D3
340-00289-00	SMD DIODE BAV99LT1	D4
340-00289-00	SMD DIODE BAV99LT1	D5
340-00289-00	SMD DIODE BAV99LT1	D6
340-00289-00	SMD DIODE BAV99LT1	D7
340-00289-00	SMD DIODE BAV99LT1	D8
340-00289-00	SMD DIODE BAV99LT1	D9
340-00372-00	SMD DIODE MMBD1204	D10
340-00372-00	SMD DIODE MMBD1204	D11
342-01380-00	*SMD TRANSISTOR BSS138LT1	Q10
342-01380-00	*SMD TRANSISTOR BSS138LT1	Q11
342-01380-00	*SMD TRANSISTOR BSS138LT1	Q2
342-01380-00	*SMD TRANSISTOR BSS138LT1	Q3
342-01440-10	SMD TRANSISTOR DTC144EKA	Q1
342-01440-10	SMD TRANSISTOR DTC144EKA	Q18
342-01440-10	SMD TRANSISTOR DTC144EKA	Q7
342-01440-10	SMD TRANSISTOR DTC144EKA	Q8
342-01440-10	SMD TRANSISTOR DTC144EKA	V1
342-08470-90	SMD TRANSISTOR BC847AW	Q14
342-08470-90	SMD TRANSISTOR BC847AW	Q15
342-08470-90	SMD TRANSISTOR BC847AW	Q151
342-08470-90	SMD TRANSISTOR BC847AW	Q16
342-08470-90	SMD TRANSISTOR BC847AW	Q17
342-08570-90	SMD TRANSISTOR BC857 AW	Q13
342-39040-00	SMD TRANSISTOR MMBT3904	Q4
342-39040-00	SMD TRANSISTOR MMBT3904	Q5
353-00120-40	SMD IC ATTINY12L-4SC	U24
353-01390-10	*SMD IC SN74AHC139PW	U5
353-02320-30	SMD ICMT48LC2M32B2TG-6	U14
353-02320-30	SMD ICMT48LC2M32B2TG-6	U19
353-02320-30	SMD ICMT48LC2M32B2TG-6	U20
353-03730-20	SMD IC SN74AHC373PWP (D)	U1
353-03740-10	SMD IC SN74AHC374PWP (D)	U9
353-03850-20	*SMD IC DS90C385AMT (M)	U31
353-05010-00	SMD ICTFP501 PZP	U15
353-08120-10	SMD IC IMP812JEUS-T (M)	U8
353-0JAG0-00	SMD ICJAG-ASM (D)	U12
353-11170-10	SMD IC B1117N-2.5 (D)	U26
353-11170-D0	SMD IC LM1117 MPX-1.8 (M)	U37
353-15010-50	SMD ICAP1501-50K5	U22
353-15010-50	SMD ICAP1501-50K5	U27
353-23100-00	SMD ICFLI2310BD	U13
353-24080-90	SMD IC M24C08-WMN6	U11
353-24160-60	*SMD IC 24LC16BSN	U3
353-24210-50	SMD IC 24LC21A/SN	U10
353-24210-50	SMD IC 24LC21A/SN	U16
353-25960-30	SMD ICLM2596S-3.3 (M)	U23
353-28300-60	SMD ICSPX1587AT-2.5	U25

353-32300-80	SMD IC VPC3230D (D)	U29
353-40520-80	SMD IC HEF4052BT (M)	U34
353-74140-30	SMD IC SN74AHC14PWP (D)	U17
353-74140-30	SMD IC SN74AHC14PWP (D)	U7
353-74320-40	SMD IC SN74AHC32PWP (D)	U6
353-80251-10	SMD ICTSC80251G2D-16CB (D)	U2
353-86229-10	*SMD ICZ8622912SSC (M)	U32
353-98830-30	SMD IC MST9883B-2-110	U30
353-99330-00	SMD IC SI9933ADY (O)	U21
364-T3001-00	SMD 30-PINSFF-A1255-WRS	P4
454-03622-MA	SMD ELECTROLYTIC CAPACITOR CDPS-10V-22uF-M	C302
454-03622-MA	SMD ELECTROLYTIC CAPACITOR CDPS-10V-22uF-M	C386
454-03622-MA	SMD ELECTROLYTIC CAPACITOR CDPS-10V-22uF-M	C410
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C113
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C114
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C116
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C12
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C167
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C168
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C212
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C213
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C214
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C217
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C220
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C330
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C378
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C392
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C492
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C493
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C494
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C506
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C60
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C73
454-03647-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-47uF-M	C95
454-03710-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-100uF-M	C105
454-03710-MB	SMD ELECTROLYTIC CAPACITOR CDPS-10V-100uF-M	C210
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C28
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C301
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C366
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C406
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C407
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C408
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C409
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C486
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C487
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C490
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C497
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C498
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C499
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C70
454-04610-MA	SMD ELECTROLYTIC CAPACITOR CDPS-16V-10uF-M	C71
454-06547-MA	SMD ELECTROLYTIC CAPACITOR CDPS-25V-4.7uF-M	C31
454-06547-MA	SMD ELECTROLYTIC CAPACITOR CDPS-25V-4.7uF-M	C403
454-06547-MA	SMD ELECTROLYTIC CAPACITOR CDPS-25V-4.7uF-M	C404

454-06647-MC	*SMD ELECTROLYTIC CAPACITOR CDPS-25V-47uF-M	C194
454-06647-MC	*SMD ELECTROLYTIC CAPACITOR CDPS-25V-47uF-M	C196
454-06647-MC	*SMD ELECTROLYTIC CAPACITOR CDPS-25V-47uF-M	C380
455-10022-H9	SMD RESISTOR NCA4R220JR	RP10
455-10022-H9	SMD RESISTOR NCA4R220JR	RP11
455-10022-H9	SMD RESISTOR NCA4R220JR	RP12
455-10022-H9	SMD RESISTOR NCA4R220JR	RP13
455-10022-H9	SMD RESISTOR NCA4R220JR	RP14
455-10022-H9	SMD RESISTOR NCA4R220JR	RP141
455-10022-H9	SMD RESISTOR NCA4R220JR	RP15
455-10022-H9	SMD RESISTOR NCA4R220JR	RP16
455-10022-H9	SMD RESISTOR NCA4R220JR	RP17
455-10022-H9	SMD RESISTOR NCA4R220JR	RP18
455-10022-H9	SMD RESISTOR NCA4R220JR	RP19
455-10022-H9	SMD RESISTOR NCA4R220JR	RP20
455-10022-H9	SMD RESISTOR NCA4R220JR	RP21
455-10022-H9	SMD RESISTOR NCA4R220JR	RP22
455-10022-H9	SMD RESISTOR NCA4R220JR	RP23
455-10022-H9	SMD RESISTOR NCA4R220JR	RP28
455-10022-H9	SMD RESISTOR NCA4R220JR	RP29
455-10022-H9	SMD RESISTOR NCA4R220JR	RP3
455-10022-H9	SMD RESISTOR NCA4R220JR	RP30
455-10022-H9	SMD RESISTOR NCA4R220JR	RP31
455-10022-H9	SMD RESISTOR NCA4R220JR	RP32
455-10022-H9	SMD RESISTOR NCA4R220JR	RP33
455-10022-H9	SMD RESISTOR NCA4R220JR	RP36
455-10022-H9	SMD RESISTOR NCA4R220JR	RP37
455-10022-H9	SMD RESISTOR NCA4R220JR	RP38
455-10022-H9	SMD RESISTOR NCA4R220JR	RP39
455-10022-H9	SMD RESISTOR NCA4R220JR	RP4
455-10022-H9	SMD RESISTOR NCA4R220JR	RP40
455-10022-H9	SMD RESISTOR NCA4R220JR	RP41
455-10022-H9	SMD RESISTOR NCA4R220JR	RP5
455-10022-H9	SMD RESISTOR NCA4R220JR	RP6
455-10022-H9	SMD RESISTOR NCA4R220JR	RP7
455-10022-H9	SMD RESISTOR NCA4R220JR	RP8
455-10022-H9	SMD RESISTOR NCA4R220JR	RP9
455-10110-H9	SMD RESISTOR NCA4R101JR	RP34
455-10310-H9	SMD RESISTOR NCA4R103JR	RP42
455-10310-H9	SMD RESISTOR NCA4R103JR	RP43
455-12000-H0	SMD RESISTOR FTR0603000XR	R122
455-12000-H0	SMD RESISTOR FTR0603000XR	R123
455-12000-H0	SMD RESISTOR FTR0603000XR	R124
455-12000-H0	SMD RESISTOR FTR0603000XR	R194
455-12000-H0	SMD RESISTOR FTR0603000XR	R197
455-12000-H0	SMD RESISTOR FTR0603000XR	R21
455-12000-H0	SMD RESISTOR FTR0603000XR	R22
455-12000-H0	SMD RESISTOR FTR0603000XR	R23
455-12000-H0	SMD RESISTOR FTR0603000XR	R302
455-12000-H0	SMD RESISTOR FTR0603000XR	R307
455-12000-H0	SMD RESISTOR FTR0603000XR	R313
455-12000-H0	SMD RESISTOR FTR0603000XR	R314
455-12000-H0	SMD RESISTOR FTR0603000XR	R366
455-12000-H0	SMD RESISTOR FTR0603000XR	R394*

455-12000-H0	SMD RESISTOR FTR0603000XR	R396
455-12000-H0	SMD RESISTOR FTR0603000XR	R397
455-12000-H0	SMD RESISTOR FTR0603000XR	R85
455-12000-H0	SMD RESISTOR FTR0603000XR	R89
455-12000-H0	SMD RESISTOR FTR0603000XR	R91
455-12000-H0	SMD RESISTOR FTR0603000XR	R92
455-12000-H0	SMD RESISTOR FTR0603000XR	RA07
455-12012-H0	SMD RESISTOR FTR0603120JR	R4
455-12012-H0	SMD RESISTOR FTR0603120JR	R44
455-12012-H0	SMD RESISTOR FTR0603120JR	R45
455-12012-H0	SMD RESISTOR FTR0603120JR	R46
455-12012-H0	SMD RESISTOR FTR0603120JR	R47
455-12012-H0	SMD RESISTOR FTR0603120JR	R48
455-12012-H0	SMD RESISTOR FTR0603120JR	R5
455-12012-H0	SMD RESISTOR FTR0603120JR	R95
455-12012-H0	SMD RESISTOR FTR0603120JR	R96
455-12012-H0	SMD RESISTOR FTR0603120JR	R97
455-12022-H0	SMD RESISTOR FTR0603220JR	R101
455-12022-H0	SMD RESISTOR FTR0603220JR	R106
455-12022-H0	SMD RESISTOR FTR0603220JR	R107
455-12022-H0	SMD RESISTOR FTR0603220JR	R109
455-12022-H0	SMD RESISTOR FTR0603220JR	R114
455-12022-H0	SMD RESISTOR FTR0603220JR	R115
455-12022-H0	SMD RESISTOR FTR0603220JR	R116
455-12022-H0	SMD RESISTOR FTR0603220JR	R117
455-12022-H0	SMD RESISTOR FTR0603220JR	R118
455-12022-H0	SMD RESISTOR FTR0603220JR	R125
455-12022-H0	SMD RESISTOR FTR0603220JR	R165
455-12022-H0	SMD RESISTOR FTR0603220JR	R169
455-12022-H0	SMD RESISTOR FTR0603220JR	R210
455-12022-H0	SMD RESISTOR FTR0603220JR	R27
455-12022-H0	SMD RESISTOR FTR0603220JR	R32
455-12022-H0	SMD RESISTOR FTR0603220JR	R359
455-12022-H0	SMD RESISTOR FTR0603220JR	R360
455-12022-H0	SMD RESISTOR FTR0603220JR	R361
455-12022-H0	SMD RESISTOR FTR0603220JR	R39
455-12022-H0	SMD RESISTOR FTR0603220JR	R43
455-12022-H0	SMD RESISTOR FTR0603220JR	R58
455-12022-H0	SMD RESISTOR FTR0603220JR	R6
455-12022-H0	SMD RESISTOR FTR0603220JR	R62
455-12022-H0	SMD RESISTOR FTR0603220JR	R64
455-12022-H0	SMD RESISTOR FTR0603220JR	R68
455-12047-H0	SMD RESISTOR FTR0603470JR	R63
455-12075-F0	SMD RESISTOR FTM06030750FR	R13
455-12075-F0	SMD RESISTOR FTM06030750FR	R16
455-12075-F0	SMD RESISTOR FTM06030750FR	R19
455-12075-H0	SMD RESISTOR FTR0603750JR	R303
455-12075-H0	SMD RESISTOR FTR0603750JR	R304
455-12075-H0	SMD RESISTOR FTR0603750JR	R305
455-12075-H0	SMD RESISTOR FTR0603750JR	R306
455-12075-H0	SMD RESISTOR FTR0603750JR	R381
455-12075-H0	SMD RESISTOR FTR0603750JR	R382
455-12075-H0	SMD RESISTOR FTR0603750JR	R383
455-12075-H0	SMD RESISTOR FTR0603750JR	R54

455-12075-H0	SMD RESISTOR FTR0603750JR	R55
455-12075-H0	SMD RESISTOR FTR0603750JR	R56
455-12110-H0	SMD RESISTOR FTR0603101JR	R102
455-12110-H0	SMD RESISTOR FTR0603101JR	R104
455-12110-H0	SMD RESISTOR FTR0603101JR	R111
455-12110-H0	SMD RESISTOR FTR0603101JR	R119
455-12110-H0	SMD RESISTOR FTR0603101JR	R12
455-12110-H0	SMD RESISTOR FTR0603101JR	R144
455-12110-H0	SMD RESISTOR FTR0603101JR	R15
455-12110-H0	SMD RESISTOR FTR0603101JR	R150
455-12110-H0	SMD RESISTOR FTR0603101JR	R151
455-12110-H0	SMD RESISTOR FTR0603101JR	R152
455-12110-H0	SMD RESISTOR FTR0603101JR	R171
455-12110-H0	SMD RESISTOR FTR0603101JR	R175
455-12110-H0	SMD RESISTOR FTR0603101JR	R176
455-12110-H0	SMD RESISTOR FTR0603101JR	R177
455-12110-H0	SMD RESISTOR FTR0603101JR	R18
455-12110-H0	SMD RESISTOR FTR0603101JR	R198
455-12110-H0	SMD RESISTOR FTR0603101JR	R199
455-12110-H0	SMD RESISTOR FTR0603101JR	R231
455-12110-H0	SMD RESISTOR FTR0603101JR	R235
455-12110-H0	SMD RESISTOR FTR0603101JR	R236
455-12110-H0	SMD RESISTOR FTR0603101JR	R237
455-12110-H0	SMD RESISTOR FTR0603101JR	R3
455-12110-H0	SMD RESISTOR FTR0603101JR	R311
455-12110-H0	SMD RESISTOR FTR0603101JR	R312
455-12110-H0	SMD RESISTOR FTR0603101JR	R36
455-12110-H0	SMD RESISTOR FTR0603101JR	R37
455-12110-H0	SMD RESISTOR FTR0603101JR	R38
455-12110-H0	SMD RESISTOR FTR0603101JR	R40
455-12110-H0	SMD RESISTOR FTR0603101JR	R42
455-12110-H0	SMD RESISTOR FTR0603101JR	R65
455-12110-H0	SMD RESISTOR FTR0603101JR	R66
455-12110-H0	SMD RESISTOR FTR0603101JR	R67
455-12110-H0	SMD RESISTOR FTR0603101JR	R69
455-12110-H0	SMD RESISTOR FTR0603101JR	R93
455-12110-H0	SMD RESISTOR FTR0603101JR	R98
455-12113-F1	SMD RESISTOR FTM06031370FR	R14
455-12113-F1	SMD RESISTOR FTM06031370FR	R17
455-12113-F1	SMD RESISTOR FTM06031370FR	R20
455-12115-H0	SMD RESISTOR FTR0603151JR	R207
455-12118-H0	SMD RESISTOR FTR0603181JR	R49
455-12143-H0	SMD RESISTOR FTR0603431JR	R209
455-12147-H0	SMD RESISTOR FTR0603471JR	R234
455-12147-H0	SMD RESISTOR FTR0603471JR	R376
455-12147-H0	SMD RESISTOR FTR0603471JR	R377
455-12147-H0	SMD RESISTOR FTR0603471JR	R378
455-12156-H0	SMD RESISTOR FTR0603561JR	R211
455-12156-H0	SMD RESISTOR FTR0603561JR	R24
455-12175-H0	SMD RESISTOR FTR0603751JR	R230
455-12210-H0	SMD RESISTOR FTR0603102JR	R105
455-12210-H0	SMD RESISTOR FTR0603102JR	R11
455-12210-H0	SMD RESISTOR FTR0603102JR	R131
455-12210-H0	SMD RESISTOR FTR0603102JR	R223

455-12210-H0	SMD RESISTOR FTR0603102JR	R224
455-12210-H0	SMD RESISTOR FTR0603102JR	R225
455-12210-H0	SMD RESISTOR FTR0603102JR	R226
455-12210-H0	SMD RESISTOR FTR0603102JR	R232
455-12210-H0	SMD RESISTOR FTR0603102JR	R233
455-12210-H0	SMD RESISTOR FTR0603102JR	R392*
455-12210-H0	SMD RESISTOR FTR0603102JR	R41
455-12210-H0	SMD RESISTOR FTR0603102JR	R74
455-12210-H0	SMD RESISTOR FTR0603102JR	R75
455-12215-H0	SMD RESISTOR FTR0603152JR	R270
455-12227-H0	SMD RESISTOR FTR0603272JR	R200
455-12239-H0	SMD RESISTOR FTR0603392JR	R30
455-12247-H0	SMD RESISTOR FTR0603472JR	R1
455-12247-H0	SMD RESISTOR FTR0603472JR	R153
455-12247-H0	SMD RESISTOR FTR0603472JR	R154
455-12247-H0	SMD RESISTOR FTR0603472JR	R155
455-12247-H0	SMD RESISTOR FTR0603472JR	R156
455-12247-H0	SMD RESISTOR FTR0603472JR	R164
455-12247-H0	SMD RESISTOR FTR0603472JR	R168
455-12247-H0	SMD RESISTOR FTR0603472JR	R2
455-12247-H0	SMD RESISTOR FTR0603472JR	R201
455-12247-H0	SMD RESISTOR FTR0603472JR	R202
455-12247-H0	SMD RESISTOR FTR0603472JR	R227
455-12247-H0	SMD RESISTOR FTR0603472JR	R228
455-12247-H0	SMD RESISTOR FTR0603472JR	R229
455-12247-H0	SMD RESISTOR FTR0603472JR	R33
455-12247-H0	SMD RESISTOR FTR0603472JR	R34
455-12247-H0	SMD RESISTOR FTR0603472JR	R7
455-12247-H0	SMD RESISTOR FTR0603472JR	R8
455-12247-H0	SMD RESISTOR FTR0603472JR	R87
455-12268-H0	SMD RESISTOR FTR0603682JR	R240
455-12268-H0	SMD RESISTOR FTR0603682JR	R386
455-12268-H0	SMD RESISTOR FTR0603682JR	R387
455-12268-H0	SMD RESISTOR FTR0603682JR	R388
455-12275-H0	SMD RESISTOR FTR0603752JR	R29
455-12310-H0	SMD RESISTOR FTR0603103JR	R103
455-12310-H0	SMD RESISTOR FTR0603103JR	R108
455-12310-H0	SMD RESISTOR FTR0603103JR	R126
455-12310-H0	SMD RESISTOR FTR0603103JR	R127
455-12310-H0	SMD RESISTOR FTR0603103JR	R132
455-12310-H0	SMD RESISTOR FTR0603103JR	R140
455-12310-H0	SMD RESISTOR FTR0603103JR	R204
455-12310-H0	SMD RESISTOR FTR0603103JR	R212
455-12310-H0	SMD RESISTOR FTR0603103JR	R238
455-12310-H0	SMD RESISTOR FTR0603103JR	R294
455-12310-H0	SMD RESISTOR FTR0603103JR	R295
455-12310-H0	SMD RESISTOR FTR0603103JR	R298
455-12310-H0	SMD RESISTOR FTR0603103JR	R309
455-12310-H0	SMD RESISTOR FTR0603103JR	R310
455-12310-H0	SMD RESISTOR FTR0603103JR	R35
455-12310-H0	SMD RESISTOR FTR0603103JR	R389
455-12310-H0	SMD RESISTOR FTR0603103JR	R390
455-12310-H0	SMD RESISTOR FTR0603103JR	R391
455-12310-H0	SMD RESISTOR FTR0603103JR	R395

455-12310-H0	SMD RESISTOR FTR0603103JR	R71
455-12310-H0	SMD RESISTOR FTR0603103JR	R72
455-12310-H0	SMD RESISTOR FTR0603103JR	R9
455-12312-H0	SMD RESISTOR FTR0603123JR	R213
455-12347-H0	SMD RESISTOR FTR0603473JR	R100
455-12347-H0	SMD RESISTOR FTR0603473JR	R130
455-12347-H0	SMD RESISTOR FTR0603473JR	R296
455-12347-H0	SMD RESISTOR FTR0603473JR	R297
455-12347-H0	SMD RESISTOR FTR0603473JR	R99
455-12410-H0	SMD RESISTOR FTR0603104JR	R265
455-12410-H0	SMD RESISTOR FTR0603104JR	R266
455-12410-H0	SMD RESISTOR FTR0603104JR	R31
455-12410-H0	SMD RESISTOR FTR0603104JR	R374
455-12410-H0	SMD RESISTOR FTR0603104JR	R375
455-12410-H0	SMD RESISTOR FTR0603104JR	R384
455-12410-H0	SMD RESISTOR FTR0603104JR	R385
455-12413-H0	SMD RESISTOR FTR0603134JR	R28
455-12418-H0	SMD RESISTOR FTR0603184JR	R25
455-12418-H0	SMD RESISTOR FTR0603184JR	R26
455-12447-H0	SMD RESISTOR FTR0603474JR	R50
455-22310-F0	SMD RESISTOR RC-05K103FT	R239#
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C247
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C251
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C253
456-2368K-B1	*SMD CAPACITOR 06032R683K250BA	C327
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C1
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C10
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C100
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C101
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C102
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C103
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C104
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C106
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C107
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C108
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C109
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C11
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C110
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C111
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C112
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C115
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C117
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C118
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C119
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C120
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C123
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C129
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C13
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C130
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C131
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C132
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C133
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C134
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C135

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456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C93
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C94
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C96
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C97
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C98
456-2410R-C1	SMD CAPACITOR C1608Y5V1E104ZT	C99
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C228
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C242
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C245
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C320
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C321
456-2422M-C1	SMD CAPACITOR 06032E224M250BA	C322
456-2468R-C1	SMD CAPACITOR 06032E684Z250BA	C315
456-2468R-C1	SMD CAPACITOR 06032E684Z250BA	C318
456-2468R-C1	SMD CAPACITOR 06032E684Z250BA	C319
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C190
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C22
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C24
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C26
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C46
456-2510R-C1	SMD CAPACITOR 06032E105Z250BA	C48
456-3007D-11	SMD CAPACITOR C1608CH1H070DT	C391
456-3007D-11	SMD CAPACITOR C1608CH1H070DT	C398
456-3010H-11	SMD CAPACITOR C1608CH1H100JT	C219
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C5
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C6
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C68
456-3033H-11	SMD CAPACITOR C1608CH1H330JT	C69
456-3110H-11	SMD CAPACITOR C1608CH1H101JT	C33
456-3110H-11	SMD CAPACITOR C1608CH1H101JT	C34
456-3110H-11	SMD CAPACITOR C1608CH1H101JT	C36
456-3139H-11	SMD CAPACITOR 0603CG391J500BA	C225
456-3139H-11	SMD CAPACITOR 0603CG391J500BA	C389
456-3139H-11	SMD CAPACITOR 0603CG391J500BA	C390
456-3156H-11	SMD CAPACITOR C1608CH1H561JT	C325
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C266
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C314
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C38
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C39
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C44
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C45
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C463
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C464
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C47
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C484
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C485
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C495
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C496
456-3210H-11	SMD CAPACITOR 0603CG102J500BA	C61
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C227
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C237
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C256
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C387
456-3215H-11	SMD CAPACITOR 0603CG152J500BA	C388

456-3282K-B1	SMD CAPACITOR 06032R822K500BA	C270
456-3282K-B1	SMD CAPACITOR 06032R822K500BA	C328
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C263
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C264
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C265
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C405
456-3310K-B1	SMD CAPACITOR 06032R103K500BA	C65
456-3347H-11	SMD CAPACITOR 0603CG473J500BA	C250
456-3347H-11	SMD CAPACITOR 0603CG473J500BA	C255
456-3347H-11	SMD CAPACITOR 0603CG473J500BA	C257
456-3382K-B1	SMD CAPACITOR 06032R823K500BA	C269
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C23
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C243
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C246
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C25
456-3A33C-11	SMD CAPACITOR 0603CG3R3C500BA	C27
477-40211-00	SMD FIXED INDUCTANCE SLF12575T-330M3R2	L1
477-40211-00	SMD FIXED INDUCTANCE SLF12575T-330M3R2	L2
477-40211-00	SMD FIXED INDUCTANCE SLF12575T-330M3R2	L3
477-90005-00	SMD FILTER LFA20-2A1E224M	Z1
477-90005-00	SMD FILTER LFA20-2A1E224M	Z2
477-90005-00	SMD FILTER LFA20-2A1E224M	Z3
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB52
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB53
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB54
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB56
666-12008-00	SMD FERRITE BEAD STBH2012-501PT	FB79
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB1
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB2
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB3
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB32
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB33
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666-12012-00	SMD FERRITE BEAD BG2012B300T	FB4
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666-12012-00	SMD FERRITE BEAD BG2012B300T	FB62
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB63
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB64
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB65
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666-12012-00	SMD FERRITE BEAD BG2012B300T	FB67
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666-12012-00	SMD FERRITE BEAD BG2012B300T	FB77
666-12012-00	SMD FERRITE BEAD BG2012B300T	FB78
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB10
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB11
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB12
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB13
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB14
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB15
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB16
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB17
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB18

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666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB23
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666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB38
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB39
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666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB74
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB75
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666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB8
666-13207-00	SMD FERRITE BEAD STPB3216-380PT	FB9
667-L32K5-56A*	CPU BOARD ASS'Y (SMD)	
782-L32K51-560F	CPU PCB	
667-L32K5X-20W	POWER PCB ASS'Y (CMO PANEL)	
667-L32K5X-20*	POWER PCB ASS'Y (AUTOMATIC INSERTION , SMD)	
340-00001-0S	SMD DIODE LL4148	D501
340-00001-0S	SMD DIODE LL4148	D505
340-00001-0S	SMD DIODE LL4148	D507
340-00001-0S	SMD DIODE LL4148	D508
340-00001-0S	SMD DIODE LL4148	D510
340-00001-0S	SMD DIODE LL4148	D518
340-00001-0S	SMD DIODE LL4148	D520
340-50392-00	*ZENER DIODE BZV55-B3V9	D514
340-51602-00	SMD ZENER TUBE BZV55-B16V	D511
340-52702-00	ZENER DIODE BZV55-B27V	D519
340-52702-00	ZENER DIODE BZV55-B27V	D517

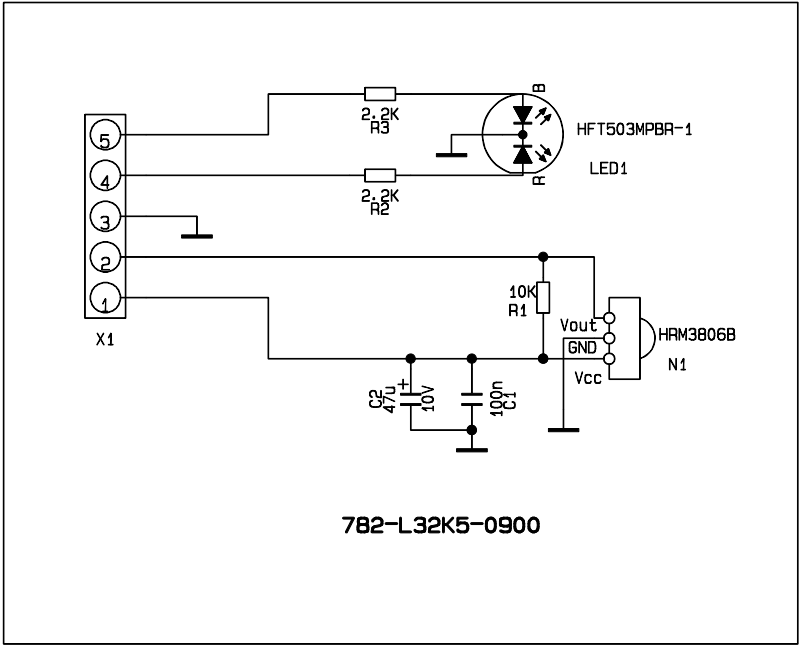
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342-39040-00	SMD TRANSISTOR MMBT3904	V505
342-39040-00	SMD TRANSISTOR MMBT3904	V506
342-39060-30	SMD TRANSISTOR MMBT3906LT1	V503
353-04310-30	SMD IC LM431ACDR	N506
353-27010-10	SMD IC PS2701-1-V	N503
353-48000-10	SMD IC ML4800CS	N501
455-22000-H0	SMD RESISTOR RC11-1/8W-0-J	R549
455-22010-H0	SMD RESISTOR RC11-1/8W-10-J	R522
455-22010-H0	SMD RESISTOR RC11-1/8W-10-J	R540
455-22033-H0	SMD RESISTOR RC11-1/8W-33-J	R519
455-22033-H0	SMD RESISTOR RC11-1/8W-33-J	R521
455-22110-H0	SMD RESISTOR RC11-1/8W-100-J	R538
455-22110-H0	SMD RESISTOR RC11-1/8W-100-J	R539
455-22122-H0	SMD RESISTOR RC11-1/8W-220-J	R531
455-22122-H0	SMD RESISTOR RC11-1/8W-220-J	R544
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R511
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R546
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R547
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R551
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R563
455-22210-H0	SMD RESISTOR RC11-1/8W-1K-J	R564
455-22222-H0	SMD RESISTOR RC11-1/8W-2.2K-J	R545
455-22222-H0	SMD RESISTOR RC11-1/8W-2.2K-J	R548
455-22327-H0	SMD RESISTOR RC11-1/8W-27K-J	R553
455-22247-H0	SMD RESISTOR RC11-1/8W-4.7K-J	R533
455-22291-H0	SMD RESISTOR RC11-1/8W-9.1K-J	R506
455-22311-F3	SMD RESISTOR RC-05K1152FT	R520
455-22312-H0	SMD RESISTOR RC11-1/8W-12K-J	R505
455-22315-H0	SMD RESISTOR RC11-1/8W-15K-J	R528
455-22315-H0	SMD RESISTOR RC11-1/8W-15K-J	R541
455-22315-H0	SMD RESISTOR RC11-1/8W-15K-J	R542
455-22422-H0	SMD RESISTOR RC11-1/8W-220K-J	R554
455-22327-H0	SMD RESISTOR RC11-1/8W-27K-J	R513
455-22336-H0	SMD RESISTOR RC11-1/8W-36K-J	R535
455-22336-H0	SMD RESISTOR RC11-1/8W-36K-J	R536
455-22343-H0	SMD RESISTOR RC11-1/8W-43K-J	R516
455-22362-H0	SMD RESISTOR RC11-1/8W-62K-J	R517
455-22375-H0	SMD RESISTOR RC11-1/8W-75K-J	R504
455-22424-H0	SMD RESISTOR RC11-1/8W-240K-J	R527
455-22424-H0	SMD RESISTOR RC11-1/8W-240K-J	R534
455-22439-H0	SMD RESISTOR RC11-1/8W-390K-J	R532
455-31000-H0	SMD RESISTOR RC06J000	R508
455-31030-H0	SMD RESISTOR RC06J300	R557
455-31030-H0	SMD RESISTOR RC06J300	R558
455-31030-H0	SMD RESISTOR RC06J300	R559
455-31030-H0	SMD RESISTOR RC06J300	R560
455-31030-H0	SMD RESISTOR RC06J300	R561
455-31030-H0	SMD RESISTOR RC06J300	R562
455-31424-H0	SMD RESISTOR RC06J244	R501
455-31424-H0	SMD RESISTOR RC06J244	R502
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455-31424-H0	SMD RESISTOR RC06J244	R525
455-31424-H0	SMD RESISTOR RC06J244	R526

455-31456-H0	SMD RESISTOR RC06J564	R507
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455-31456-H0	SMD RESISTOR RC06J564	R523
455-31456-H0	SMD RESISTOR RC06J564	R524
455-31510-H0	SMD RESISTOR RC06J105	R514
455-31510-H0	SMD RESISTOR RC06J105	R515
456-2510R-C2	*SMD CAPACITOR 08052E105Z250BA	C504
456-2510R-C2	*SMD CAPACITOR 08052E105Z250BA	C505
456-2510R-C2	*SMD CAPACITOR 08052E105Z250BA	C519
456-2510R-C2	*SMD CAPACITOR 08052E105Z250BA	C528
456-3133H-12	SMD CAPACITOR C2012CH1H331JT	C513
456-3147H-12	SMD CAPACITOR C2012CH1H471JT	C511
456-3210H-12	SMD CAPACITOR C2012CH1H102JT	C510
456-3210H-12	SMD CAPACITOR C2012CH1H102JT	C516
456-3210H-12	SMD CAPACITOR C2012CH1H102JT	C520
456-3210H-12	SMD CAPACITOR C2012CH1H102JT	C534
456-3233K-B2	SMD CAPACITOR C2012X7R1H332KT	C514
456-3256K-B2	SMD CAPACITOR C2012X7R1H562KT	C518
456-3310K-B2	SMD CAPACITOR C2012X7R1H103KT	C502
456-3310K-B2	SMD CAPACITOR C2012X7R1H103KT	C509
456-3315H-12	SMD CAPACITOR C2012CH1H153JT	C522
456-3347K-B2	SMD CAPACITOR C2012X7R1H473KT	C508
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C515
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C537
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C538
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C550
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C551
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C552
456-3410K-B2	SMD CAPACITOR C2012X7R1H104KT	C553
456-3415K-B2	SMD CAPACITOR C2012X7R1H154KT	C501
456-3415K-B2	SMD CAPACITOR C2012X7R1H154KT	C524
456-3415K-B2	SMD CAPACITOR C2012X7R1H154KT	C525
455-22315-H0	SMD RESISTOR RC11-1/8W-15K-J	R550
455-22436-H0	SMD RESISTOR RC11-1/8W-360K-J	R555
340-50512-00	SMD ZENER DIODE BZV55-B5V1	D521
456-3415K-B2	SMD CAPACITOR C2012X7R1H154KT	C533
998	JUMPER WIRE	J510
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R518
467-1D010-H03	CARBON RESISTOR RT14-1/4W-10Ω-J	R529
895-6020025-50	RIVET GB876-86-2X2.5-COPPER	M01
895-6020025-50	RIVET GB876-86-2X2.5-COPPER	M02
895-6020025-50	RIVET GB876-86-2X2.5-COPPER	M03
895-6020025-50	RIVET GB876-86-2X2.5-COPPER	M04
895-6020025-50	RIVET GB876-86-2X2.5-COPPER	M05
895-6020025-50	RIVET GB876-86-2X2.5-COPPER	M06
998	JUMPER WIRE	J501
998	JUMPER WIRE	J502
998	JUMPER WIRE	J503
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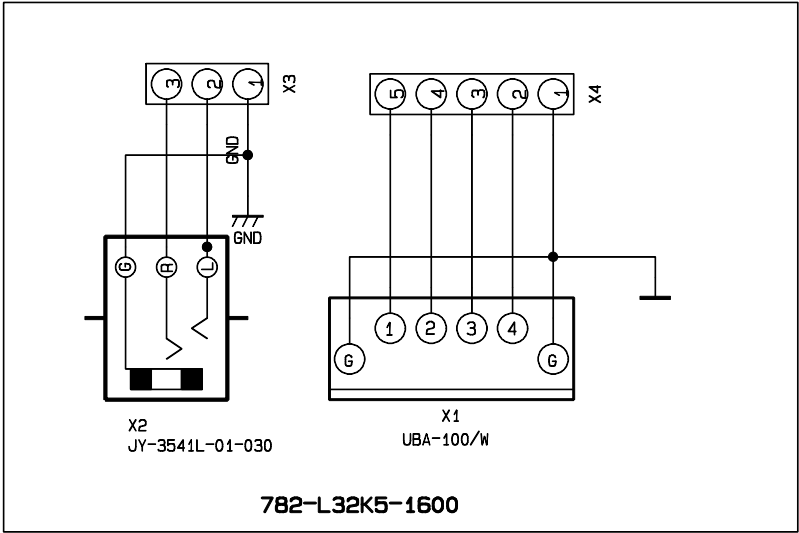
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782-L32U25-2000	POWER PCB	
667-L32K5X-20W\	POWER PCB ASS'Y (MANUAL INSERTION)	
667-L32K5X-20\	POWER PCB ASS'Y (MANUAL INSERTION)	
340-00166-00	DIODE BAV21	D506
340-00168-00	DIODE UF4007	D503
340-00168-00	DIODE UF4007	D512
340-00345-00	DIODE P6KE200A	D504
340-00403-00	DIODE SF10L 60U	D509
340-00420-00	DIODE SR204	D513
340-00422-00	DIODE MBR20200CT	D516
340-00424-00	DIODE MBRF20150CT	D515
340-80028-00	*RECTIFIER U8KBA80R	D502
343-00500-10	TRANSISTOR IRFB11N50A	V501
343-00600-60	TRANSISTOR SPP11N60C3	V504
352-08170-50	IC H11A817C (D)	N504
352-08170-50	IC H11A817C (D)	N505
352-10020-10	*IC CP1002P	N502
364-331CK-00	3-PINS CONNECTORS FF-A3963-WV-2	X501
364-34101-00	4-PINS CONNECTORS TJC3-04A	X503
364-38101-00	8-PINS CONNECTORS TJC3-08A	X506
364-77511-00	FUSE HOLDER	FU501
364-77511-00	FUSE HOLDER	
459-5110H-90	CERAMIC CAPACITOR CC45SL2H101JYJ	C526
459-5147K-00	CERAMIC CAPACITOR RQC05B471K-H46CA	C541
459-5147K-00	CERAMIC CAPACITOR RQC05B471K-H46CA	C542
459-5210K-00	CERAMIC CAPACITOR RQC07B102K-H46CA	C539
459-5210K-00	CERAMIC CAPACITOR RQC07B102K-H46CA	C540
459-6110H-00	CERAMIC CAPACITOR CT81-06C-Bn-1KV-101J	C555
459-6247K-00	CERAMIC CAPACITOR DE1205B472K1K	C531
459-6310R-00	CERAMIC CAPACITOR DE1510E103Z1K	C512
459-B147M-20	CERAMIC CAPACITOR ECK-DNS471MBX !	C506
459-B147M-20	CERAMIC CAPACITOR ECK-DNS471MBX !	C507
459-B222M-20	CERAMIC CAPACITOR ECK-DNS222MEX !	C527
462-25447-H1	POLYESTER CAPACITOR CL21-400V-474J-P15(II	C523
462-2B422-M0V	POLYESTER CAPACITOR 250VAC-0.22uF-M !	C503
464-67715-M5G	ELECTROLYTIC CAPACITOR CD288H-400V-150uF-M	C529
464-DE610-M0	ELECTROLYTIC CAPACITOR CD110H-25V-10uF-M	C530
464-DE647-M0	ELECTROLYTIC CAPACITOR CD110H-25V-47uF-M	C521
464-DE647-M0	ELECTROLYTIC CAPACITOR CD110H-25V-47uF-M	C535
464-DE810-M1	ELECTROLYTIC CAPACITOR CD81-25V-1000uF-M	C544
464-DF722-M0	ELECTROLYTIC CAPACITOR CD110H-35V-220uF-M	C532
464-DF722-M0	ELECTROLYTIC CAPACITOR CD110H-35V-220uF-M	C546
464-DF722-M0	ELECTROLYTIC CAPACITOR CD110H-35V-220uF-M	C548
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464-DF810-M1	ELECTROLYTIC CAPACITOR CD110H-35V-1000uF-M	C549
467-2H147-H0A	METAL RESISTOR 3W-470Ω-J	R565
467-50322-H2	CEMENT RESISTOR RGG-5W-22K-J	R543
467-6HA01-H0A	WIRE ROUND RESISTOR RX21-3W-0.1Ω-J	R530
467-6HB24-H0	WIRE ROUND RESISTOR RX21-3W-0.24Ω-J	R537

469-40012-00	THERMISTOR M2R014C	RT502
470-00403-00	*SWITCHING TRANSFORMER16ES-L71-1 !	T501
470-00408-00	*SWITCHING TRANSFORMERSRW3220PQ-X26V114	T502
470-00408-00	*SWITCHING TRANSFORMERSRW3220PQ-X26V114	T503
477-20076-00	POWER FILTER TF1409F-122Y2R0-X	L501
477-20079-00	POWER FILTER TF1807F-103Y2R0-X0	L502
477-40189-00	FIXED COIL LI050	L507
477-40189-00	FIXED COIL LI050	L508
477-40252-00	FIXED COIL SF-T8-45I-X01	L503
477-40277-00	FIXED COIL BCK-100-02L4	L504
569-14141-80	FUSE 50T 4AL 250V !	FU501
569-22155-00	FUSE 250V 5A !	FU502
569-34155-00	FUSE 20N 250V/6A !	FU503
655-81101-14	(8-PINS) LEAD WITH HOUSING	X507
666-13523-00	FERRITE BEAD TB3.5X1X9	L505
666-13523-00	FERRITE BEAD TB3.5X1X9	L506
706-AA403-01	HEAT SINK	SRP504
706-B3501-01	HEAT SINK	SRP503
706-B5502-01	HEAT SINK	SRP501
706-BA201-01	HEAT SINK	SRP502
808-80193-00	SILICA PIECE T0-220/0.45	D516
808-80193-00	SILICA PIECE T0-220/0.45	V5
808-80193-00	SILICA PIECE T0-220/0.45	
822-10110-00	BUSH	D516
822-10110-00	BUSH	V5
822-10110-00	BUSH	
851-53008-31	SCREW SJ2825 ST3X8FT D.Zn	
852-93008-81	COMPOSE SCREW SJ2836 M3X8-D.Zn	
301-UL27K6-38RH	RC-U38R-0HREMOTE CONTROL UNIT ASS'Y LEGEND	

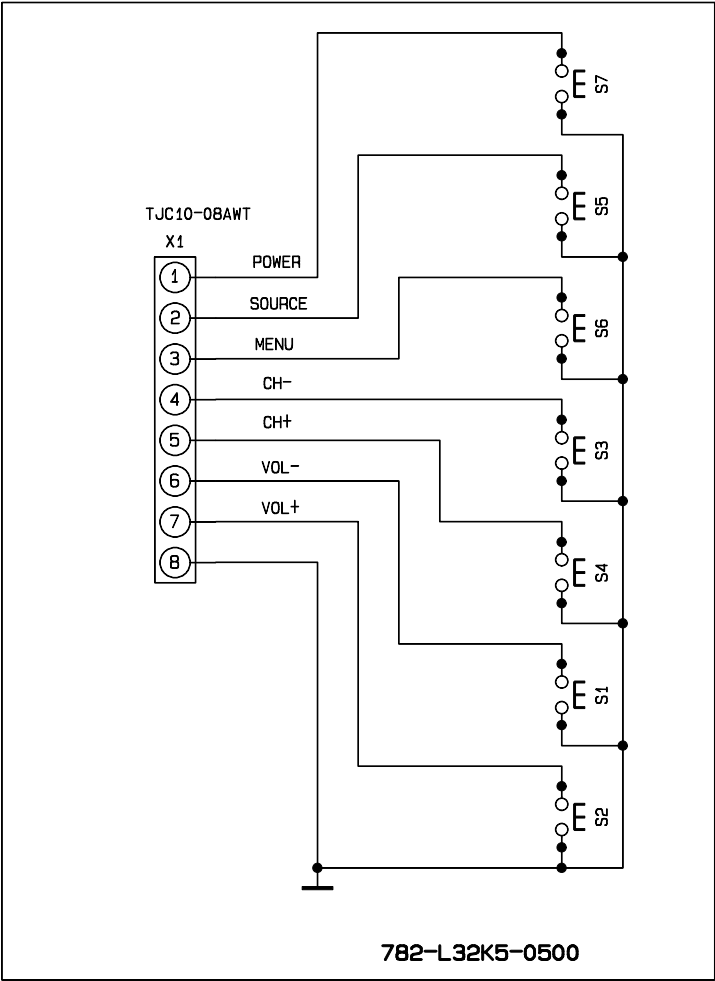
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LC-34K5

名称： IR&KEY&HEADPHONE

设计： yhchen

日期：2004. 11. 26

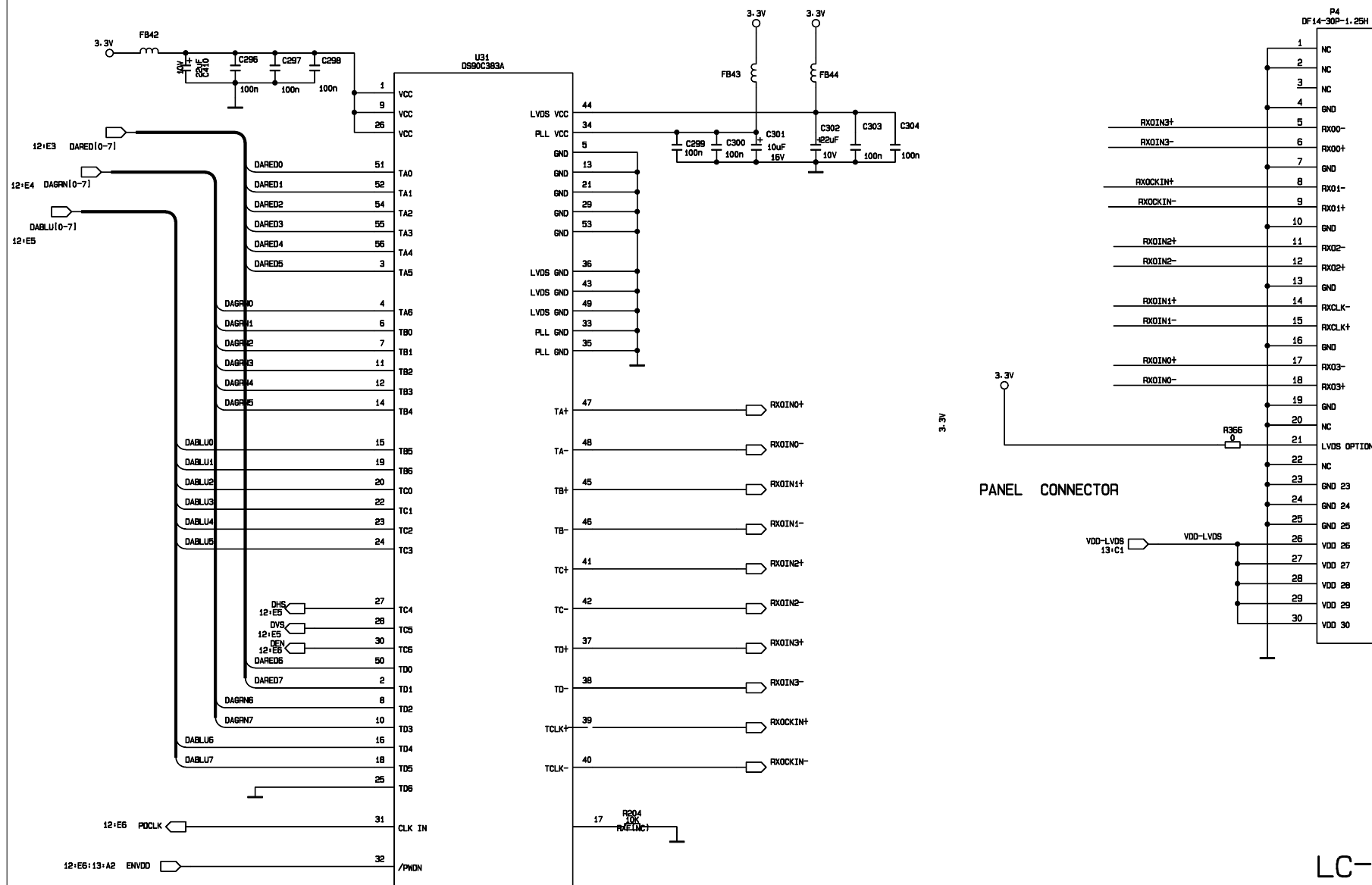
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版本： 2.0

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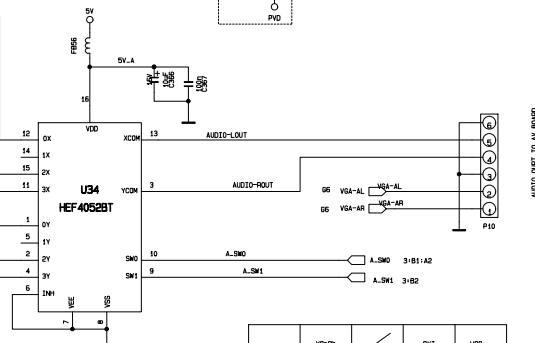
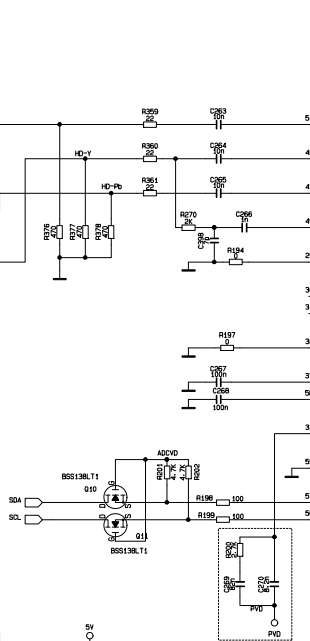
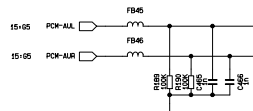
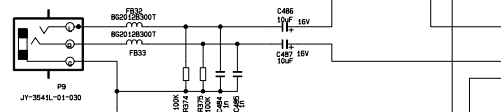
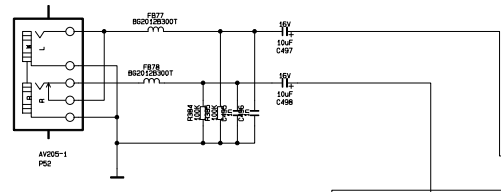
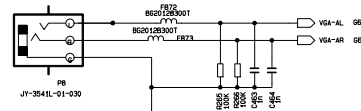
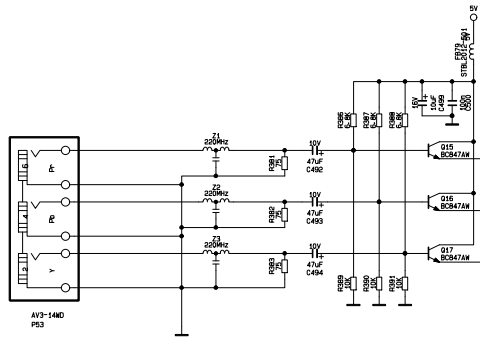
782-L32K51-5600



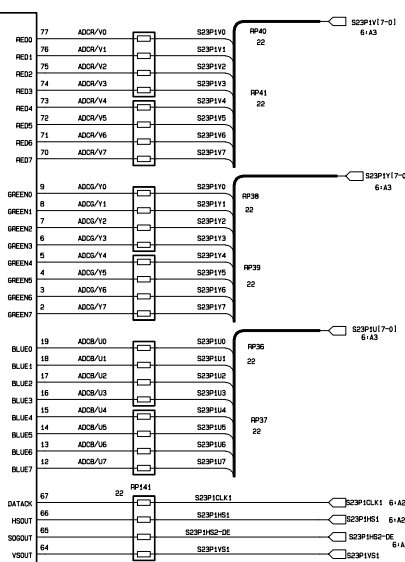
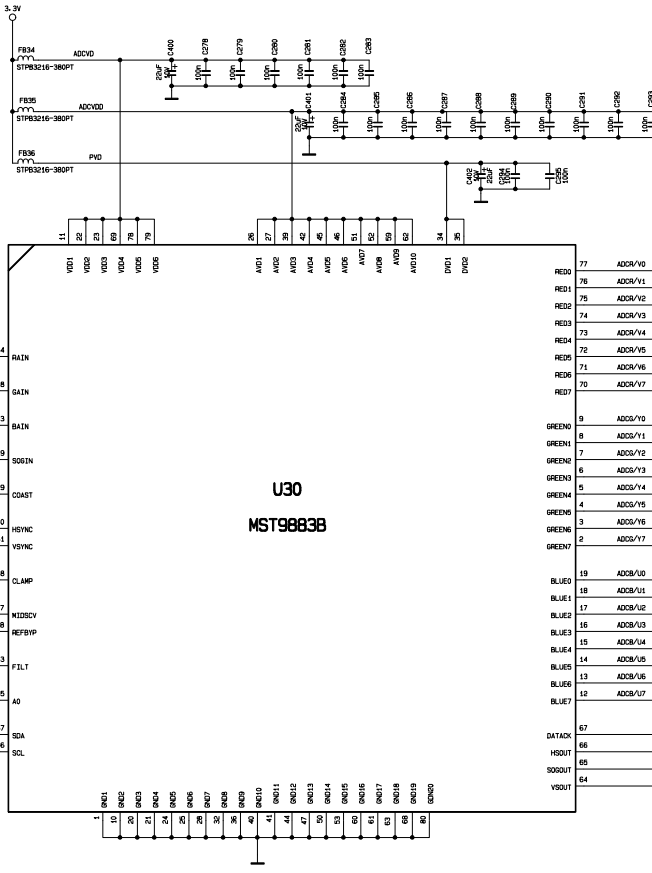
LC-34K5

名称: LVDS Interface	
设计: yhchen	日期: 2004/11/26
第17 张 共 18 张	版本: 2.0
XOCECO 厦门华侨电子股份公司 研发中心	

782-L32K51-5600

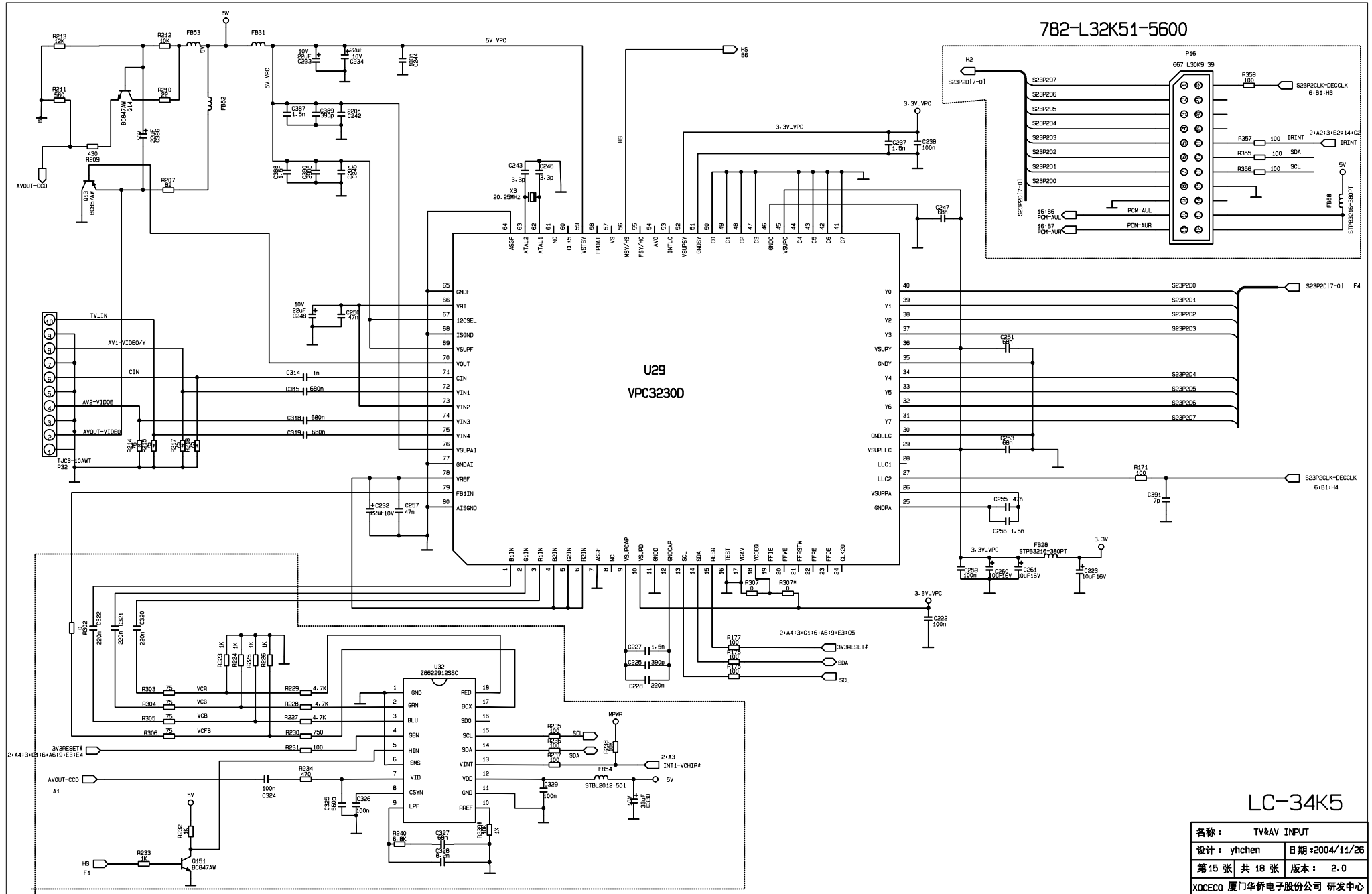


	YH-Pb	DVI	USB
SW1	0	1	1
SW0	0	0	1



LC-34K5

名称:	HD INPUT
设计:	yhchen
日期:	2004/11/26
第16 张	共 18 张
版本:	2.0
XOCECO 厦门华侨电子股份有限公司 研发中心	



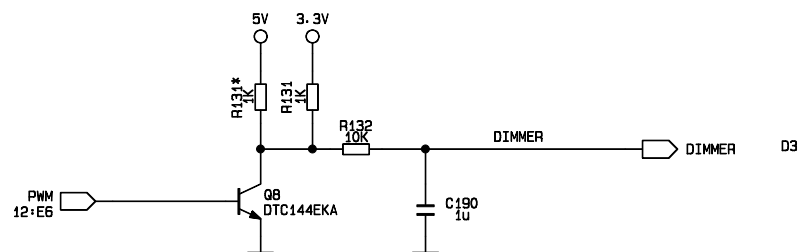
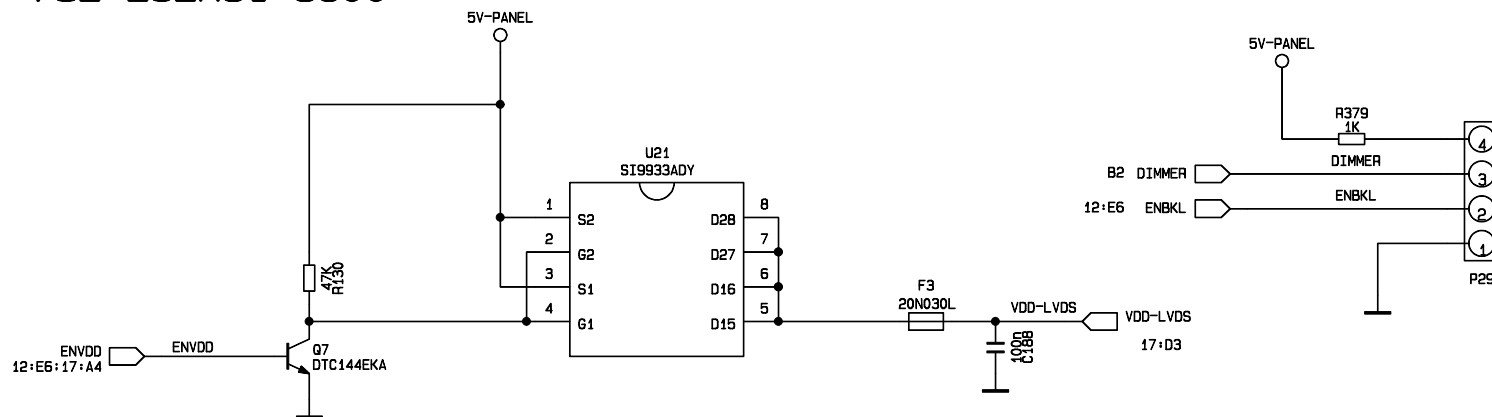
2



4



782-L32K51-5600



LC-34K5

名称：Panel Power and Backlight		
设计：yhchen	日期：2004/11/26	
第13 张	共 18 张	版本： 2.0
XOCECO 厦门华侨电子股份公司 研发中心		





SDRAM ALTERNATIVES

FUJITSU MBS11643242A

MICRON MT48LC2M32B2

SAMSUNG K49643232C

LC-34K5

名称: SDRAM Frame Buffer for Jag-ASM		
设计: yhchen	日期: 2004/11/25	
第11张	共 18 张	版本: 2.0
XOCECO 厦门华侨电子股份公司 研发中心		

782-L32K51-5600

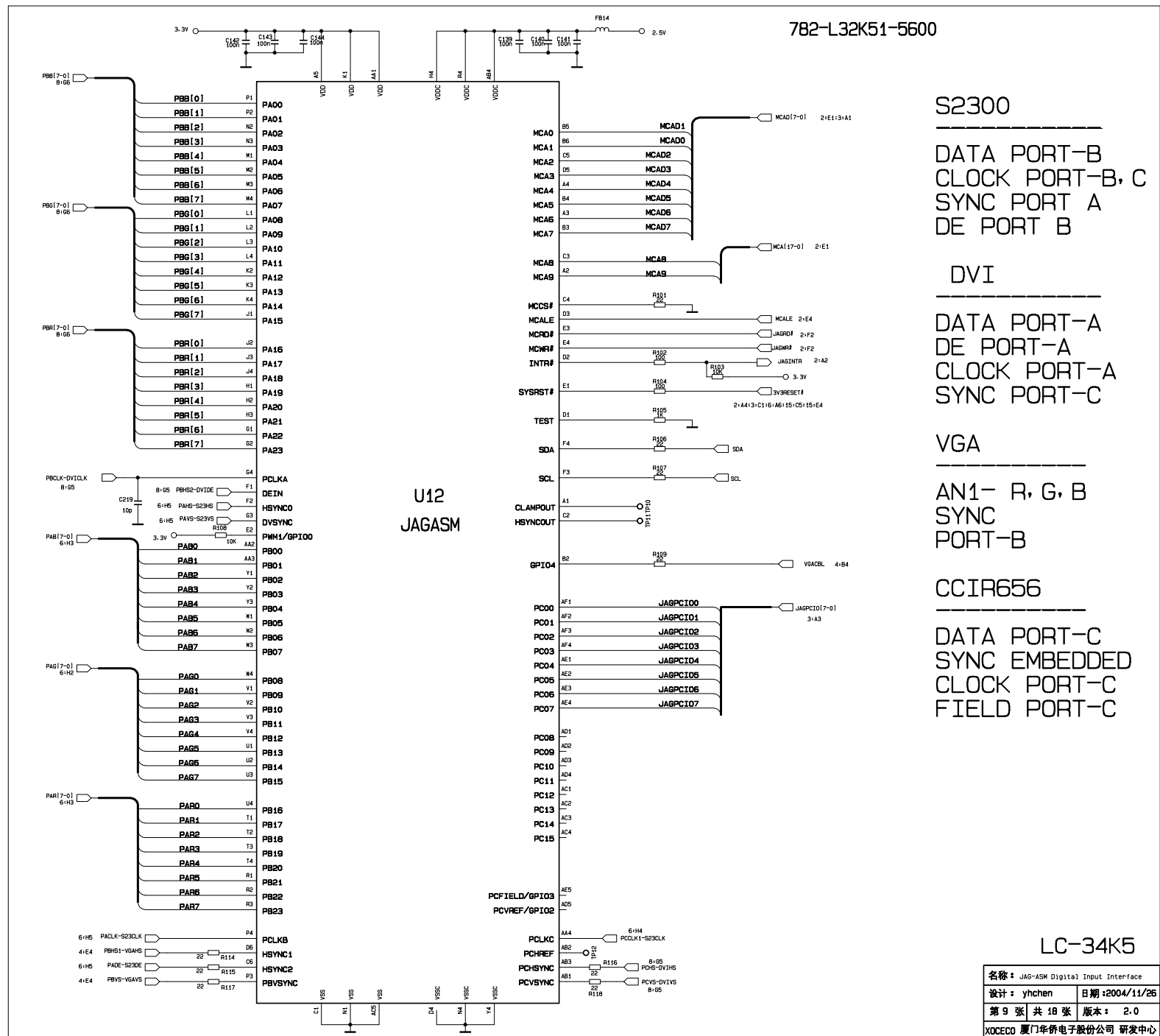
SAME COPPER ISLAND ON L4

SAME COPPER ISLAND ON L4

JAGASM
U12

LC-34K5

名称: JAG_ASM SDRAM Interface	
设计: yhchen	日期: 2004/11/26
第10 张 共 18 张	版本: 2.0
XOCECO 厦门华侨电子股份有限公司 研发中心	



A

B

C

D

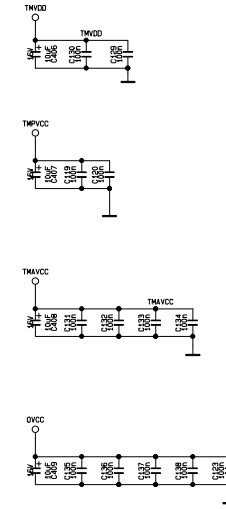
E

F

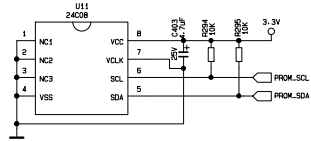
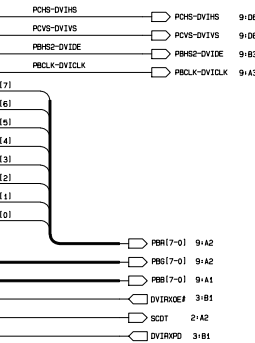
G

H

782-L32K51-5600



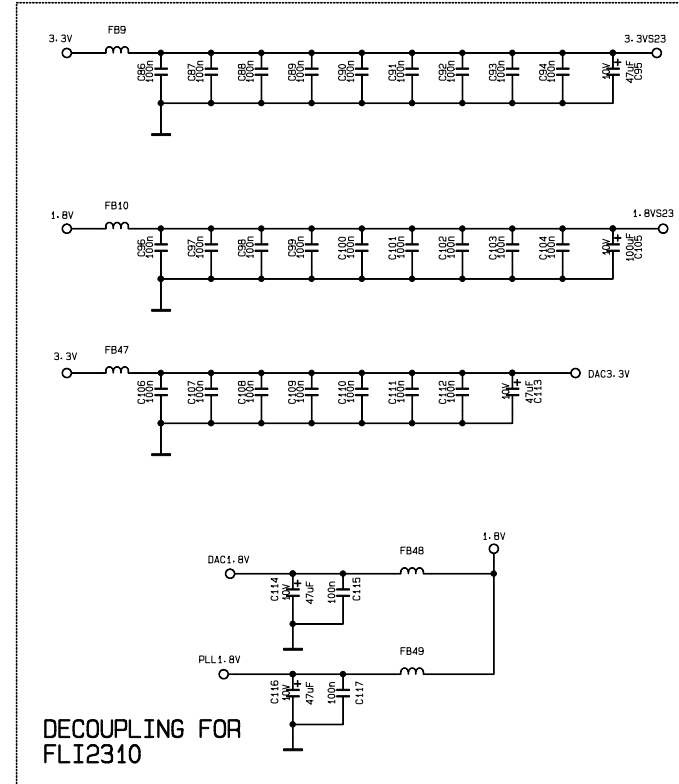
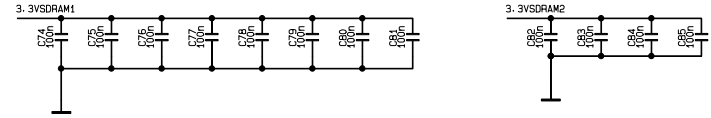
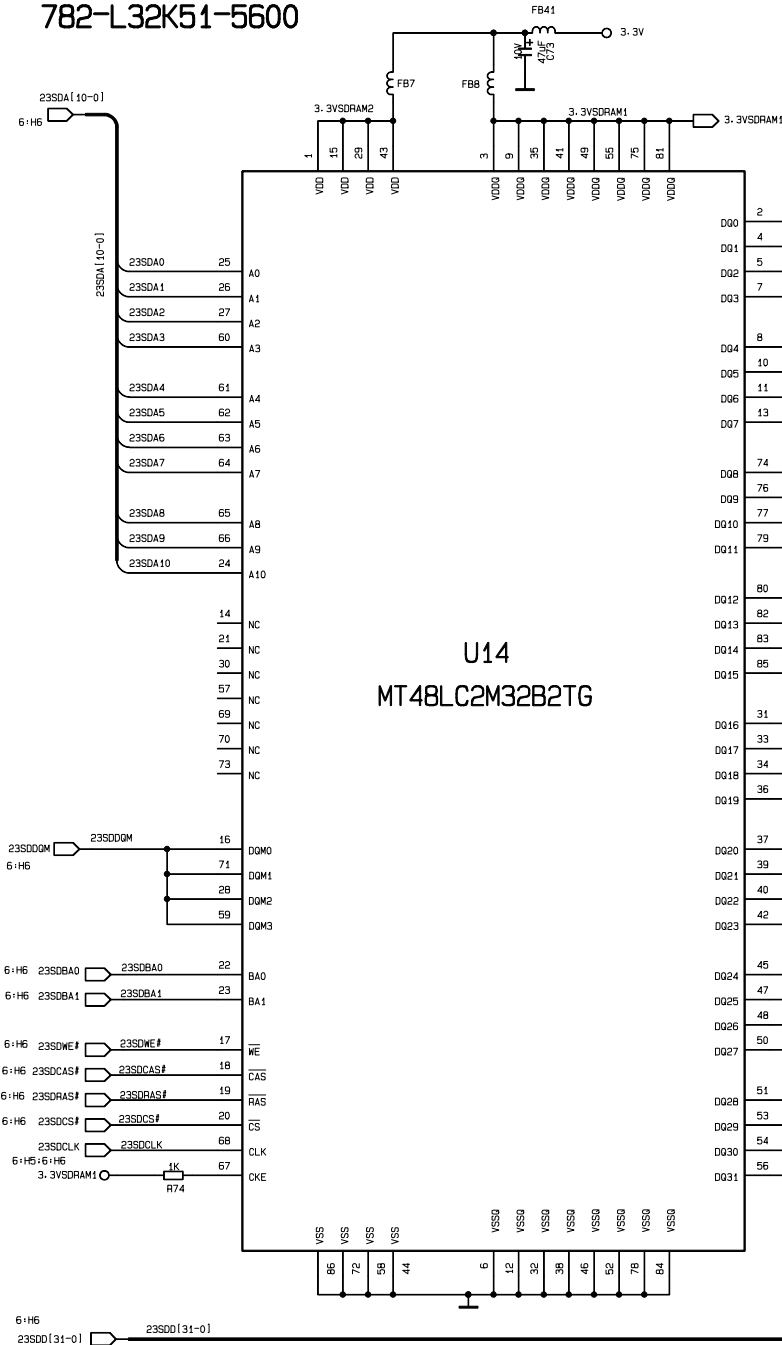
TMSD INPUT

U15
TFP5013V
4.7K
C40

LC-34K5

名称:	DVI Interface
设计:	yhchen
日期:	2004/11/26
第 8 张	共 18 张
版本:	2.0
XOCECO 厦门华侨电子股份有限公司 研发中心	

782-L32K51-5600



LC-34K5

名称： SDRAM for FIL2310	
设计： yhchen	日期：2004/11/26
第 7 张 共 18 张	版本： 2.0
XOCECO 厦门华侨电子股份公司 研发中心	

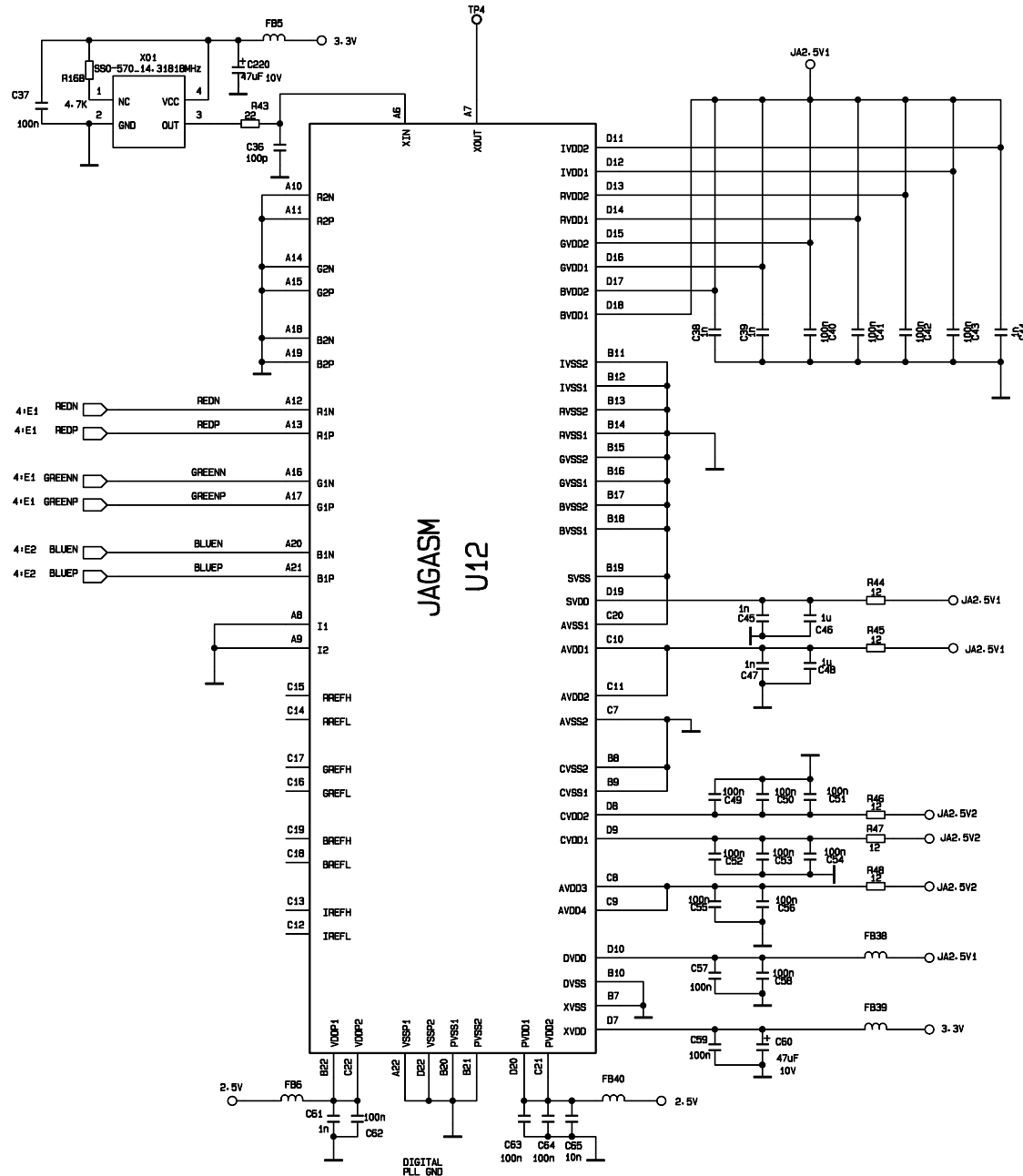
782-L32K51-5600

U13
FLI2310

LC-34K5

名称:	FLI2310 On-Interface
设计:	yhchen
日期:	2004/11/26
第 6 张	共 18 张
版本:	2.0
XOCECO 厦门华侨电子股份有限公司 研发中心	

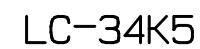
782-L32K51-5600



LC-34K5

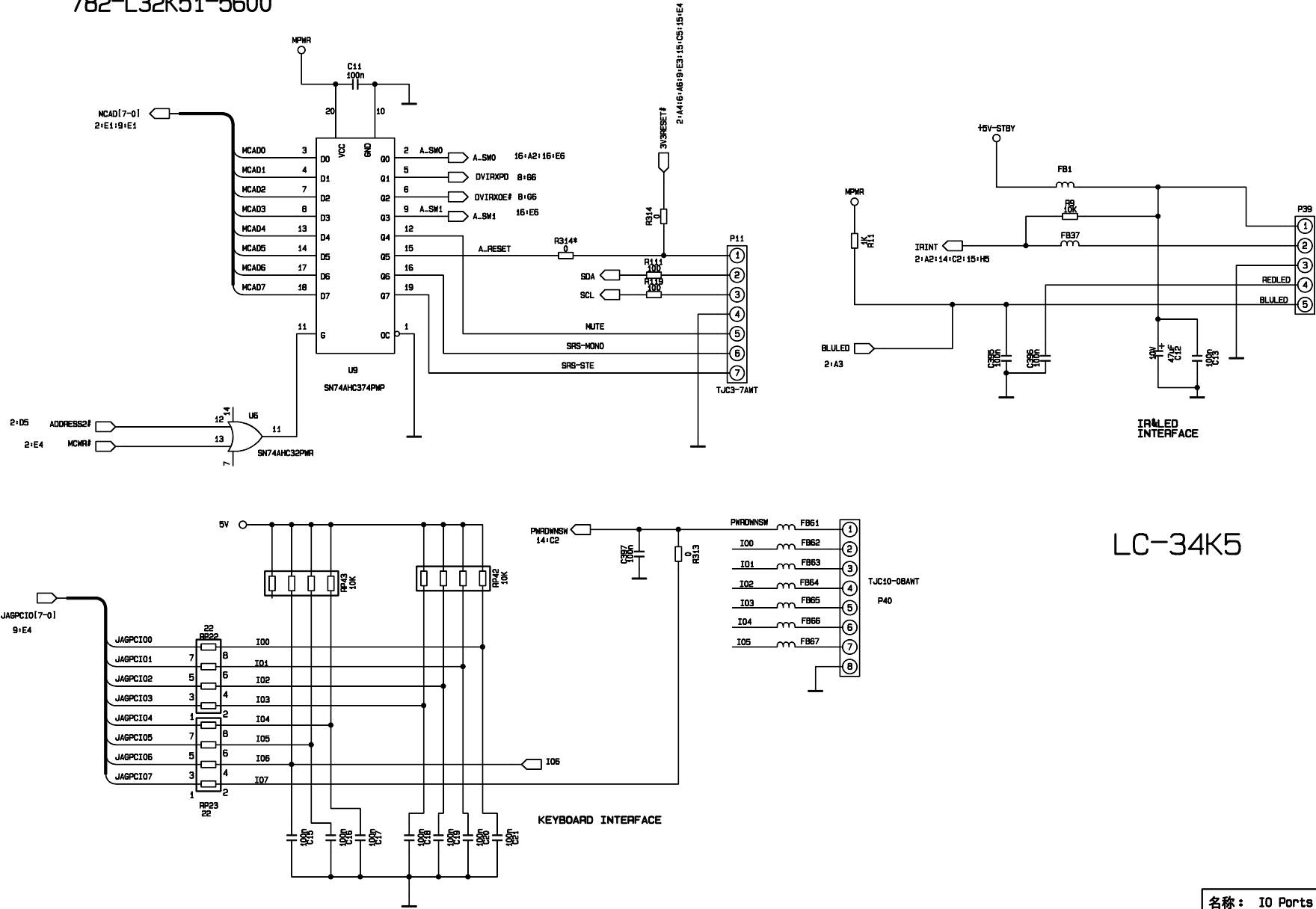
名称：JAG-ASM ANALOG INTERFACE	
设计：yhchen	日期：2004/11/26
第 5 张 共 18 张	版本：2.0
XOCECO 厦门华侨电子股份有限公司 研发中心	

4



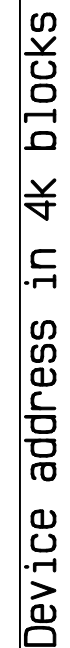
名称：VGA Input Interface		
设计：yhchen		日期：2004/11/26
第 4 张	共 18 张	版本：2.0
XOCECO 厦门华侨电子股份公司 研发中心		

782-L32K51-5600



LC-34K5

名称： IO Ports and IR Interface	
设计： yhchen	日期：2004/11/26
第 3 张 共 18 张	版本： 2.0
XOCECO 厦门华侨电子股份公司 研发中心	



000 to FFF - Blank

1000 to 1FFF -JASM

2000 TO 2FFF - IN port

3000 to 3FFF - out port

名称： Microcontroller Interface		
设计： yhchen		日期：2004/11/26
第 2 张	共 18 张	版本： 2.0
XOCECO 厦门华侨电子股份公司 研发中心		

