

CONTENTS

| | |
|----------------------------|----|
| Safety instruction..... | 1 |
| General instruction..... | 1 |
| Alignment instruction..... | 2 |
| Alignment flow | 2 |
| Alignment method..... | 3 |
| BLOCK DIAGRAM..... | 8 |
| MAIN IC..... | 9 |
| Exploded view..... | 13 |
| Part list | 15 |
| Schematic diagram..... | 32 |

Note: This service manual is only for professional service personnel's reference. Before servicing the unit, please read the following items carefully.

1 safety instruction

1.1 X-RAY radiation precaution

1.1.1 Excessive voltage will cause harmful X-ray. To avoid this radiation hazard, the high voltage should fall within the limitation. The appliance works at AC 120V, 60Hz. The high voltage of zero beam current should be within 29.0kV on condition that the main power (B+) voltage is AC135V. And it should not exceed 30kV in any condition.


* Keep the main power voltage at 135V when checking the high voltage.

1.1.2 The primary source of X-RAY RADIATION is the CRT. The CRT of this TV set have gotten the approval of safety authentication inspection. The replacement CRT should be exactly the same type and specification CRT which has gotten a similar safety approval, and check the high voltage according to the HIGH VOLTAGE CHECK procedure.

1.2 safety precaution

- a. Since the power supply circuit of this receiver is directly connected to the AC power line, an isolation transformer is necessary during dynamic service to avoid possible shock hazard.
- b. Always discharge the graphite layer conductor when moving the CRT.
- c. Disconnect the power cord before replacing parts.
- d. When replacing high-power resistor, keep the resistor 10 mm away from the circuit board.

1.3 Component safety precaution

Many electrical and mechanical parts in the chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection. Replacement parts which have these special safety characteristics are identified in this manual and its supplement electrical components having such features are shaded or marked by  on the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same characteristic as specified in the parts list may create shock, fire, X-RAY RADIATION or other hazards.

2.General instruction

2.1 Copy the standard model data to let EEPROM of the chassis have those data before placing it on the unit, do "factory adjustment" if necessary. If use a blank EEPROM directly, you should preset IIC data and then do other common adjustment. Refer to TABLE1 to preset EEPROM.

2.2 the adjustment should be done under following circumstances without additional instruction

- a) Alternating current 120V/60Hz
- b) Preheat at least 30 min

2.3The unit has auto degaussing circuit, the auto degaussing process can be finished within 1s when the main power. only when turn on the unit at least 30min after last time turn off TV does the auto degaussing circuit work.

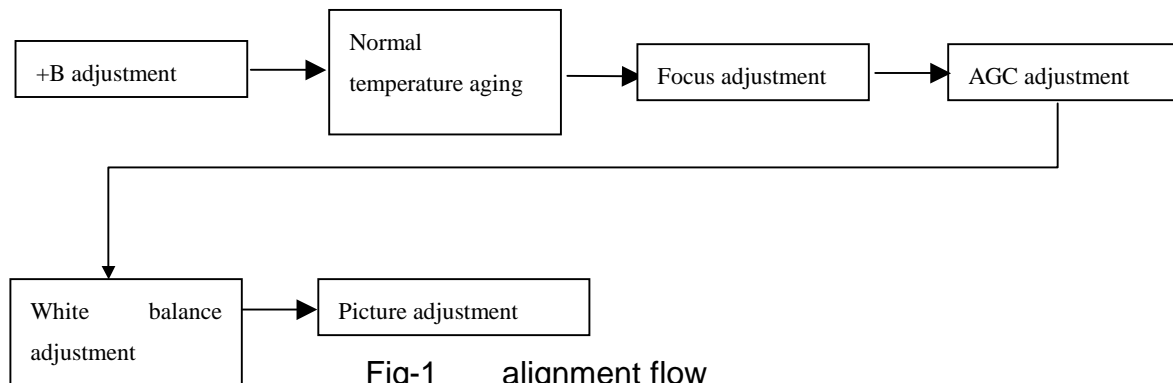
2.4 If the CRT with magnetism affects color purity and convergence, when the auto degaussing eraser. if the color purity and convergence are still not very good, then corresponding adjustment should be done. Refer to picture tube adjustment method for adjustment.

3 Alignment instruction

3.1 Debugging item

- a) adjust mode instruction
- b) B+ voltage adjustment
- c) RFAGC voltage adjustment
- d) focus adjustment
- e) Screen-grid voltage white balance, sub brightness adjustment
- f) filed scan center, line , amplitude adjustment
- g) H-scan center adjustment

3.2 Alignment flow



3.3 Enter/exit factory adjustment method

Use remote control, press "MENU" button, then press 6483,"M" will appear on screen to show that you have entered the factory adjustment method, press "STANDBY" to exit it.

3.4 Select adjustment item and adjust data

After entering factory adjustment mode, press 1-4 number buttons to select menu1- menu4; To enter into MENU0~MENU5, press "CHILD LOCK" button and then the number button (5~0) to enter into relative menus. Press "P+" and "P-" to select and "V+" and "V-"to adjust.

4 Alignment method

4.1 B+ voltage adjustment

- a) connect B+ point with a digital voltmeter to measure the negative pole of VD524
- b) receive PHILIPS test pattern signal and set the picture to standard.
- c) Adjust VR501 to let the value of B+ voltage be $135\text{ V} \pm 0.5\text{ V}$ (yongxin super pure flat)

4.2 AGC adjustment

- a) receive VHF-H band, 60 dB RF signal.
- b) Select factory menu2 of "AGC".
- c) Press "V+","V-"to let voltage value of tuner pin AGC be $3.8\text{ V} \pm 0.1\text{ V(DC)}$.(if the selected tuner is changed, then the voltage of AGC should be measured again: receive VHF-H band and 60 dB RF signal, adjust AGC-TOP to let the picture just without noisy, then the voltage of tuner AGC is the required value for adjustment.)
- d) exit factory menu

4.3 Normal temperature aging

- a) do not receive signals.

b) under "M" condition, set the accelerator to an appropriate point for aging.

4.4 Accelerator adjustment

- a) do not receive signals;
- b) select "SC" of factory menu3 to let the field scanning stop working.
- c) adjust acceleration potentiometer to let bright lines just appears on screen.
- d) exit SC menu.

4.5 High voltage check

Note: the main power voltage ($B+=135\text{ V}$) can affect the high voltage directly, so be sure to let the B+ power voltage accurate. Under any state, the high voltage should not exceed 30 kV.

- a) connect an accurate high voltage meter between the second anode cap of picture tube and ground.
- b) turn on TV and receive testing card signal.
- c) set picture to standard, the high voltage should be $27\text{ kV} \pm 1\text{ kV}$.
- d) the high voltage should not exceed 30KV with minimum brightness and contrast.

4.6 Focus adjustment

- a) receive PHILIPS signal
- b) adjust focus electrode potentiometer on FBT to optimize B area focus of screen.

4.7 White balance adjustment (color temperature $12000^{\circ}\text{K} \pm 8\text{MPCD}$, $X=0.270 \pm 0.008$, $Y=0.283 \pm 0.008$)

- a) receive full white signal
- b) select factory menu3
- c) on the basis of blue, adjustment RD, GD of M3, let to white balance coincide with standard.

4.8 Filed scanning adjustment (fig-2)

- a) receive PAL of PHILIPS test pattern signal.
- b) select factory menu1
- c) adjust V-SLOPE menu to let the horizontal center line of test pattern above blanking.
- d) select V-SHIFT menu and adjust to let the vertical center of picture coincide with vertical center of picture tube.
- e) Select V-SIZE menu and adjust to let the vertical reproduction ratio of picture acceptable.
- f) Adjust V.SC to optimise the vertical S correction of picture.
- g) Receive NTSC PHILIPS test pattern and readjust the above items.

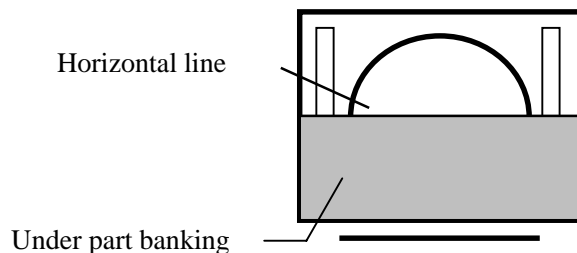


Fig-2 field scan adjustment

4.9 Horizontal scanning adjustment (Fig-3)

- a) Receive PAL PHILIPS signal
- b) Select factory menu1
- c) Select H.SHIFT menu and adjust to let the scanning horizontal center coincide with mechanical center of picture tube
- d) Exit M3 menu
- e) Adjust VR433 to let horizontal reproduction ration of picture acceptable
- f) Adjust VR432 to minimize left-right edge pincushion distortion of picture

- g) Adjust VR431 to minimize trapezoidal distortion
- h) Exit factory menu

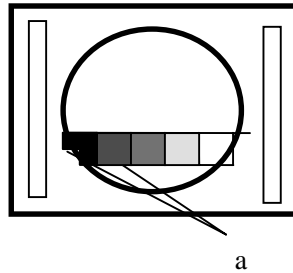


Fig-3 line scan adjustment

4.10 Sub-brightness adjustment

- a) Receive PAL-D/K PHILIPS signal
- b) Select "SB" of factory menu3
- c) Adjust "SB" to let things between the sixth and seventh grey scale clear

4.11 OSD adjustment

- a) Receive PAL-D/K PHILIPS signal
- b) Select OSD H and OSD V of factory menu4. Adjust OSD H and OSD V to let OSD at a specified place.
- c) Exit factory menu

4.12 Degaussing

- a) The unit has an auto degaussing circuit, the degaussing circuit works several seconds after turning on TV
- b) If you want to move TV or change the direction, turn off TV and ten minutes later the degaussing circuit will work
- c) For better degaussing effect, you can use magnetic eraser
- d) Move the magnetic eraser clockwise before your TV, when it is 2m away from your TV, turn off the magnetic eraser. If the effect is still not very good, you can adjust "color purity" and "convergence"

4.13 Color purity correction

- a) Turn on your TV
- b) At least 15 minutes later, use anti-magnetized coil for degaussing
- c) Obtain maximum brightness and contrast
- d) Select factory menu3 and adjust to let R and B be zero, then let only green raster appear on the screen at the moment
- e) Loosen screws of deflection yoke frame to let vertical green belt appear on screen only
- f) Move the rubber wedge
- g) Rotate along neck of picture tube and slide color-purity magnets until the green belt at the middle of screen and is vertical at the same time
- h) Slowly move the deflection yoke backward or forward until the whole green raster appears on screen, tighten the screws of the deflection yoke
- i) Check the color purity of red raster and blue raster
- j) Adjust white balance again to obtain white raster

4.14 Convergence correction

4.14.1 Central convergence correction

- a) Turn on your TV

- b) At least 15 minutes later, receive square test pattern signal
- c) Adjust brightness and contrast to get the best picture
- d) Adjust the angle of two tetrode magnetic rings to let the red vertical line coincide with the blue vertical line at middle of screen
- e) Keep the angle unchanged, move the two tetrode magnetic rings at the same time to let the red and blue horizontal lines coincide at middle of screen
- f) Adjust two hexode magnetic rings to let the green line coincide with the mixed line of red and blue. Adjust the angle between them will affect the vertical line, move them together will affect the horizontal line.
- g) Repeat d), e), f) and observe the movement of red, green and blue.

4.14.2 Ambient convergence correction

- a) Turn on your TV
- b) At least 15 minutes later, loosen the screws of the deflection yoke
- c) Fixate the rubber wedge temporarily under the deflection yoke
- d) Move the deflection yoke upward or downward to get best convergence, push the rubber wedge into space between picture tube and deflection yoke to fixate the deflection yoke temporarily
- e) Place the rubber wedge whose overlay paper has been removed at the bottom space
- f) Move the deflection yoke left and right to get best convergence
- g) Keep the condition unchanged, place another rubber wedge whose overlay paper has been removed also at the upper space at the same time
- h) Remove the interim rubber wedge, adhere it to picture tube and deflection yoke
- i) After placing three rubber wedges, check all the convergence again
- j) Stick three transparent viscous belts to the rubber wedge

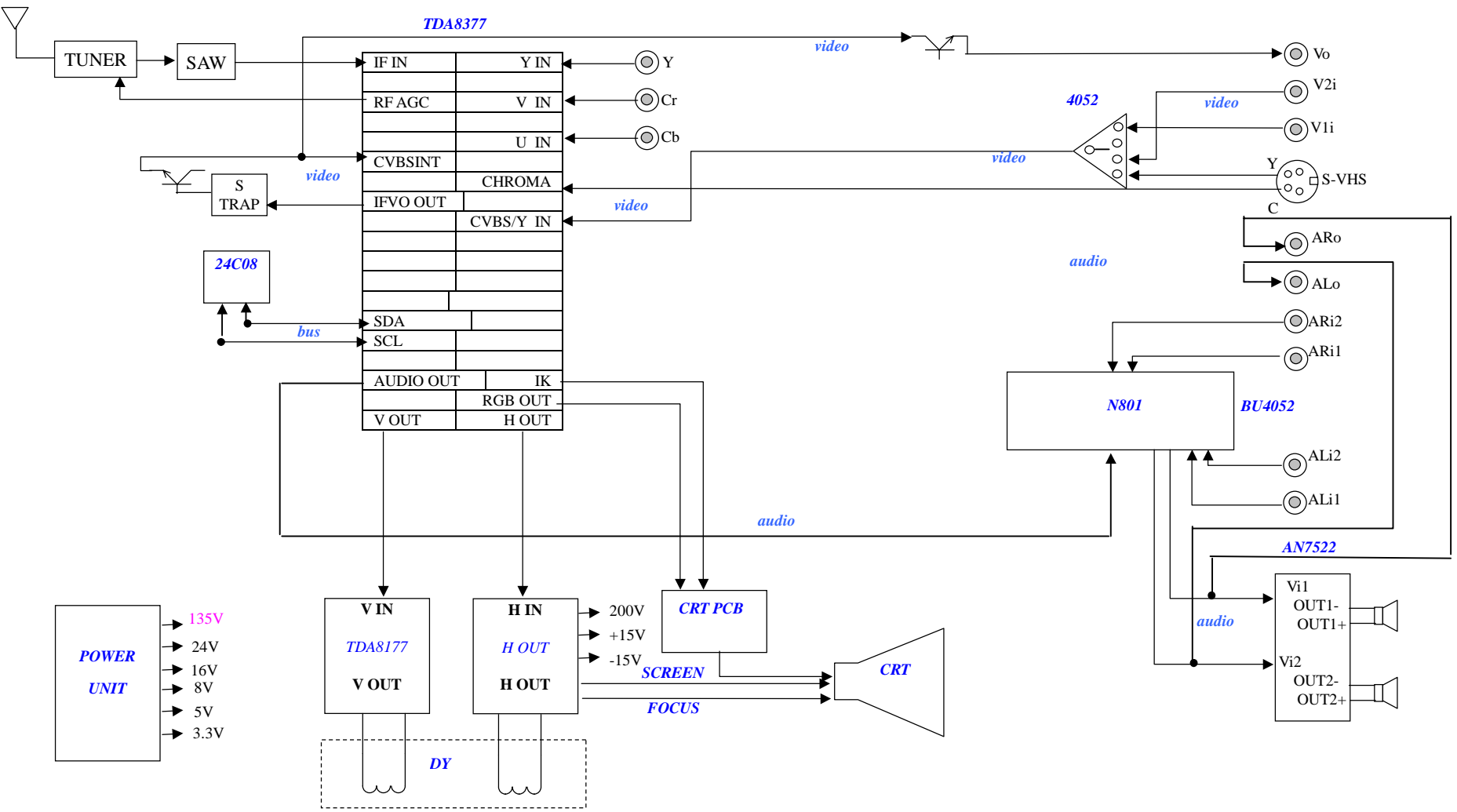
Chart 1 **I²C TDA (NOM)8377-B-6NA E²PROM** pre-set data
I²C standard UOC for export bus control adjustment item default setting

| MI | Items | Variable | Preset |
|----|-------------|----------|--|
| M0 | SUBCON | | 56(sub-contrast) |
| | SUBCOL | | 56(sub-chroma) |
| | SUBSHP | | 48(sub-acutance) |
| | SUBTINT | | 31(sub-hue) |
| | | | |
| M1 | V.SLOPE | | 34(field center adjustment) |
| | V.SHIFT | | 27(field point adjustment) |
| | V.SIZE | | 36(field amplitude adjustment) |
| | V.SC | | 32(field line) |
| | HSHIFT | | 32(line point adjustment) |
| | PROGRAMA.NO | | 2(channel) |
| | | | |
| M2 | AGCTAKEOVER | | 24(AGC adjustment) |
| | SHIPPING | | 0(leave factory set) |
| | | | |
| M3 | BT | | 75(adjust white balance of brightness) |

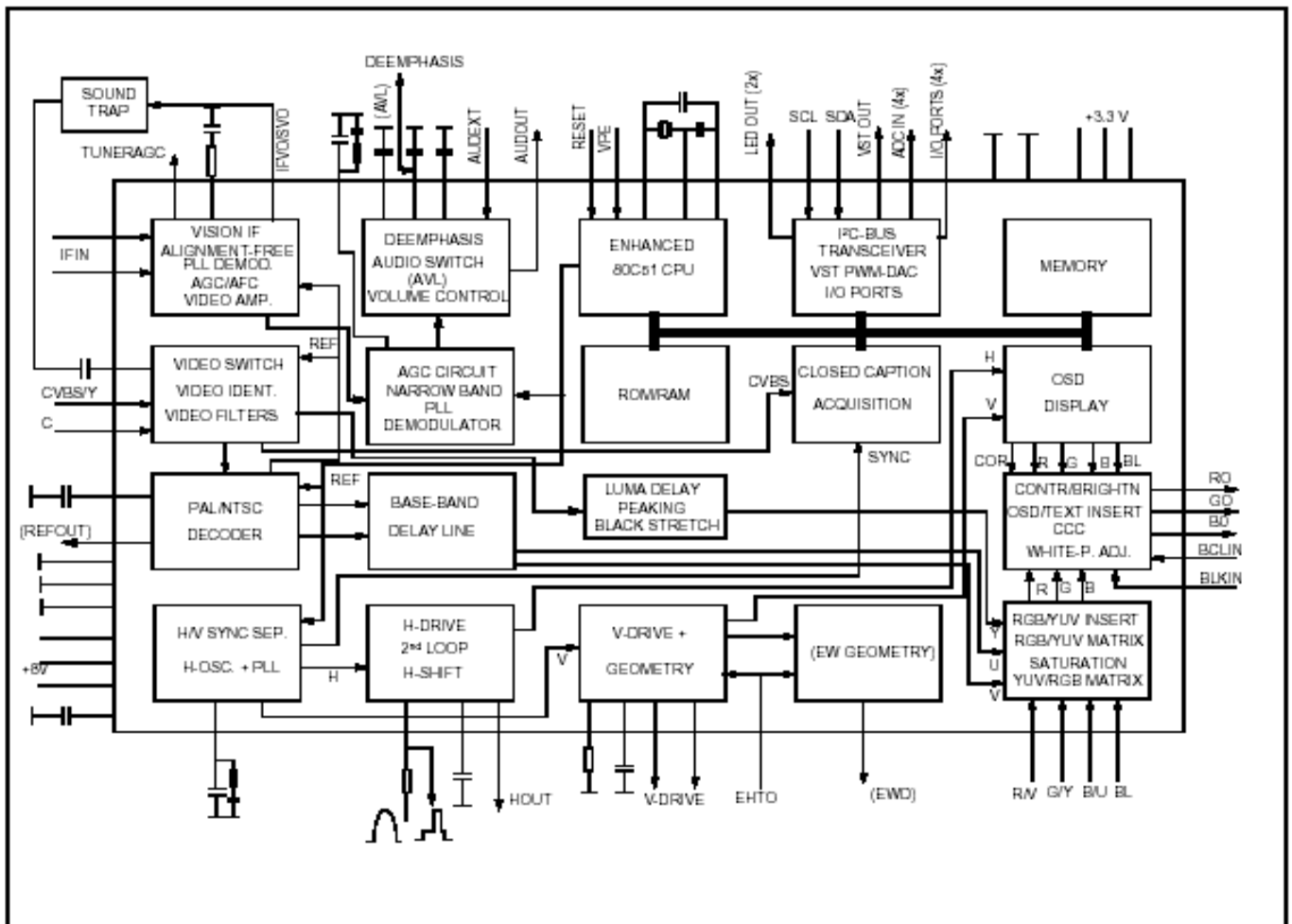
| | | | |
|----|----------------|----------|--|
| | CT | | 75(adjust white balance of brightness contrast) |
| | SC | | OFF |
| | RB | | 32(red cut off level adjustment) |
| | GB | | 32(green cut off level adjustment) |
| | RD | | 32(red cut off level adjustment) |
| | GD | | 32(green cut off level adjustment) |
| | BD | | 32(blue cut off level adjustment) |
| | SB | | 40(sub brightness adjustment) |
| | | | |
| M4 | OSD.V.POSITION | | 10(OSD position) |
| | OSD.H.POSITION | | 5(OSD H-position) |
| | BTSC-MODE | | MONO(STEORO,SAP) |
| | BTSC-ST | | 13 |
| | BTSC-SP | | 12 |
| | BTSC-L1 | | 1 |
| | BTSC-A1 | | 15 |
| | BTSC-A2 | | 0 |
| | BTSC-TC | | 0 |
| | BTSC-ST5 | | 0 |
| | BTSC-ADJ | | |
| MI | Items | Variable | Preset |
| M5 | MODE | | STANADARD(standard, soft, floweriness) |
| | BRIGHT | | 75 |
| | CONTRAST | | 75 |
| | COLOR | | 50 |
| | SCBRIGHT | | 20 |
| | YDELAYTV | | 12 |
| | YDELAYAV | | 12 |
| | | | |
| M6 | OSO | | 1(field over-scan switch) |
| | AGCSPEED | | 1(AGC of speed) |
| | FFI | | 0(IF PLL SPEED) |
| | FMWS | | 1(frequency range of sound OFF=225KHZ,ON=450KHZ) |
| | RP0 | | 0(pre-shock and over-shock scale) |
| | NTSCMATRIX | | USA |
| | VOLPIN | | 0(1:push-pull output; 0: OC gate output.) |
| | SOFT CLIP | | 3(white level limit) |
| | PEAK WHITE | | 15(peak white limit) |
| | CORING | | 0(coring noise reduction) |
| | | | |
| M7 | AV2 | | 1 |
| | SVHS | | 1 |
| | YUV | | 1 |

| | | | |
|----|---------------|--|--|
| | VOLADJPOING | | 1(volume value have:1,25,50,75) |
| | VOLVALUE | | 20(volume curve value:20,60,75,90) |
| | | | |
| M8 | CATHOOELEVEL | | 7(cathode level) |
| | UOCVOLUME | | 0(0:PWM terminal control; 1:UOC sound amplitude control of inside) |
| | FMATT | | 45(UOC sound output of amplitude) BTSC : 38 |
| | COMBFILTRE | | 0(N comb filter) |
| | HEADPHONE | | 0(earphone function selection) |
| | VM OPTION | | 0(VM function selection) |
| | FRANCE | | 1 French |
| | SPANISH | | 1 Spaish |
| | POTUGUES | | 1 Portuguese |
| M9 | NOM8377-B-6NA | | |
| | STARTON | | 2(turn on) |
| | STARTTIME | | 8(turn on time) |
| | IF OFFSET | | 32(IF compensate) |
| | TUNER OPTION | | 0(BXATB011F---X/ BXATB108F---K) 1 (BXATB017F---K) 2(XXX) |
| | | | |

Block diagram



BLOCK DIAGRAM



ICs functional description

UOC TDA8377

| SYMBOL | PIN | DESCRIPTION |
|------------------|-----|--|
| STAND BY output. | 1 | In STAND BY mode, high level (Power OFF). For Power ON this pin will be reduced to low. |
| SCL | 2 | I ² C-bus clock line |
| SDA | 3 | I ² C-bus data line |
| TUNING | 4 | tuning Voltage (Vt) PWM output |
| P3.0/NTSC SW | 5 | Port 3.0 or NTSC output/SCART SW input, Forced NTSC selection, Low-level output, otherwise High output. |
| KEY | 6 | Control keys input *3 |

| | | |
|-----------------------------|----|--|
| VOL | 7 | Sound Volume control PWM output |
| MUTE | 8 | Sound mute output |
| VSSC/P | 9 | Digit ground for μ -controller core and periphery |
| BAND1 | 10 | Tuner Band selection output |
| BAND2 | 11 | Tuner Band selection output |
| VSSA | 12 | Analog ground of teletext decoder and digital ground of TV-processor |
| SECPLL | 13 | SECAM PLL decoupling |
| 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 leveling /EAST-WEST drive output |
| 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 deemphasis or SIF input |
| DECSDEM/SIFIN2 | 29 | decoupling sound demodulator or SIF input 2 |
| GND2 | 30 | ground 2 for TV processor |
| SNDPLL/SIFAGC *1 | 31 | narrow band PLL filter or AGC sound IF |
| AVL/SNDIF/REF0/ AMOUT *1 | 32 | Automatic Volume Levelling / sound IF input / subcarrier reference output / audio deemphasis |
| HOUT | 33 | horizontal output |
| FBISO | 34 | flyback input/sandcastle output |
| AUDEXT/QSSO/ AMOUT *1 | 35 | external audio output / QSS intercarrier out |
| EHTO | 36 | EHT/overvoltage 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/Y input |
| CHROMA | 43 | C input |
| AUDOUT/AMOUT *1 | 44 | audio output /AM audio output (volume controlled) |
| INSSW2 | 45 | 2nd RGB / YUV insertion input |

| | | |
|-----------|----|--|
| R2/VIN | 46 | 2nd R input / V (R-Y) input / PR input |
| G2/YIN | 47 | 2nd G input / Y input |
| B2/UIN | 48 | 2nd B input / U (B-Y) input / PB input |
| BCLIN | 49 | beam current limiter input |
| BLKIN | 50 | black current input / V-guard 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 (3.3 V) |
| VPE | 55 | OTP Programming Voltage |
| VDDC | 56 | digital supply to core (3.3 V) |
| OSCGND | 57 | oscillator ground supply |
| XTALIN | 58 | crystal oscillator input |
| XTALOUT | 59 | crystal oscillator output |
| RESET | 60 | reset |
| VDDP | 61 | digital supply to periphery (+3.3 V) |
| P1.0/INT1 | 62 | TV/AV (AV1) / AV2 /S-VHS mode Output. |
| P1.1/T0 | 63 | TV/AV (AV1) / AV2 /S-VHS mode Output. |
| P1.2/INT0 | 64 | Remote control signal input. |

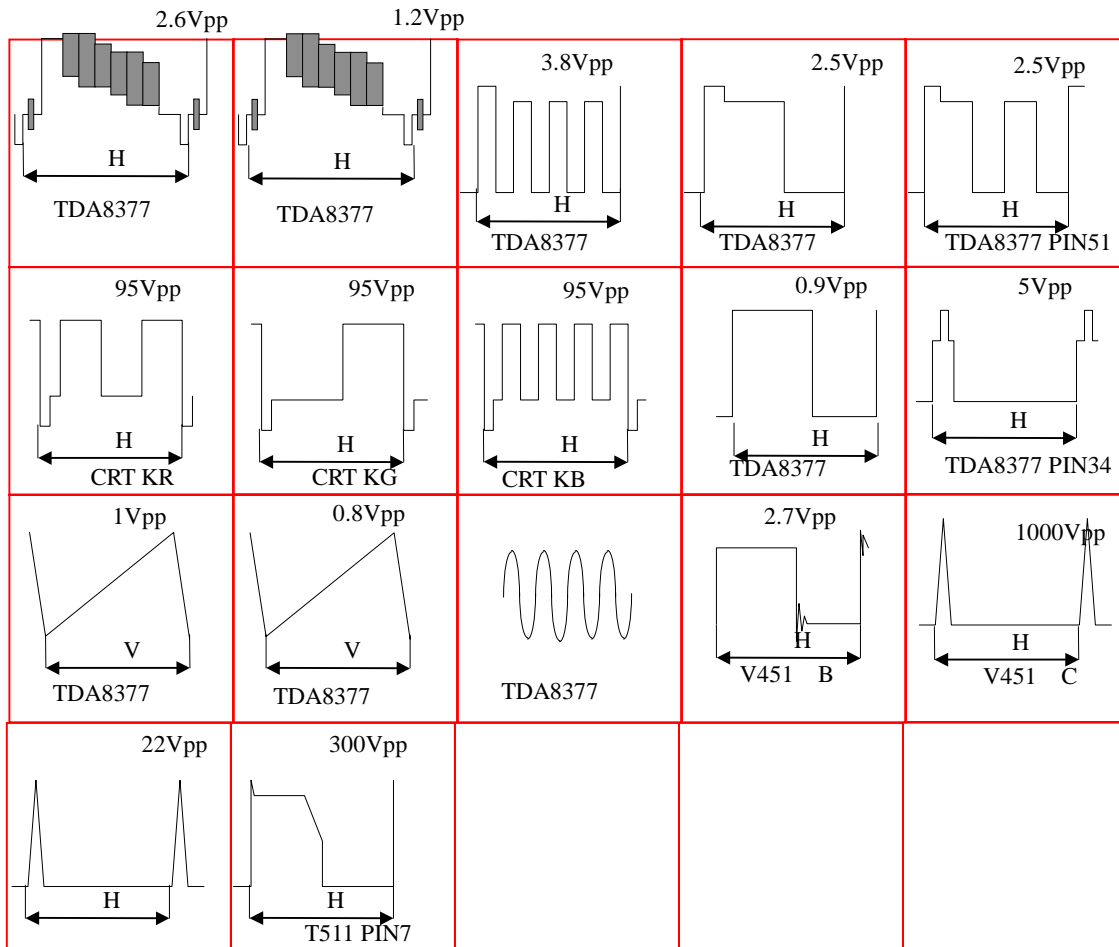
AN7522 Function : audio output

| 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 (+) |

TDA8177 Function : vertical output

| Symbol | PIN | Function | Symbol | PIN | Function |
|---------|-----|---------------|------------|-----|---------------------|
| INV IN | 1 | Input | V OUT | 5 | Vertical output |
| VCC1 | 2 | Power | VCC2 | 6 | Output power supply |
| PUMP UP | 3 | Pump up power | NON INV IN | 7 | Negative feedback |
| GND | 4 | Ground | | | |

Test point Waveforms



IC voltages

TDA8377

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| V | 2.8 | 3.8 | 3.6 | 3.3 | 3.5 | 3.5 | 0.1 | 0.1 | 0 | 5.4 | 0.1 | 0 | 2.3 | 8 | 5 | 3 |
| PIN | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| V | 4 | 0 | 4 | 0.9 | 0.7 | 0.8 | 1.9 | 1.9 | 3.9 | 3.8 | 1.6 | 3.2 | 3.4 | 0 | 2.4 | 0.1 |
| PIN | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| V | 0.6 | 0.5 | 3.7 | 1.7 | 2.4 | 3.1 | 8 | 3.8 | 0 | 3.4 | 1.5 | 3.6 | 2.3 | 2.6 | 2.6 | 2.6 |
| PIN | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| V | 2.3 | 7.2 | 2.7 | 2.7 | 2.7 | 3.5 | 0 | 3.5 | 0.1 | 1.7 | 1.8 | 0 | 3.5 | 0.1 | 0.1 | 5 |

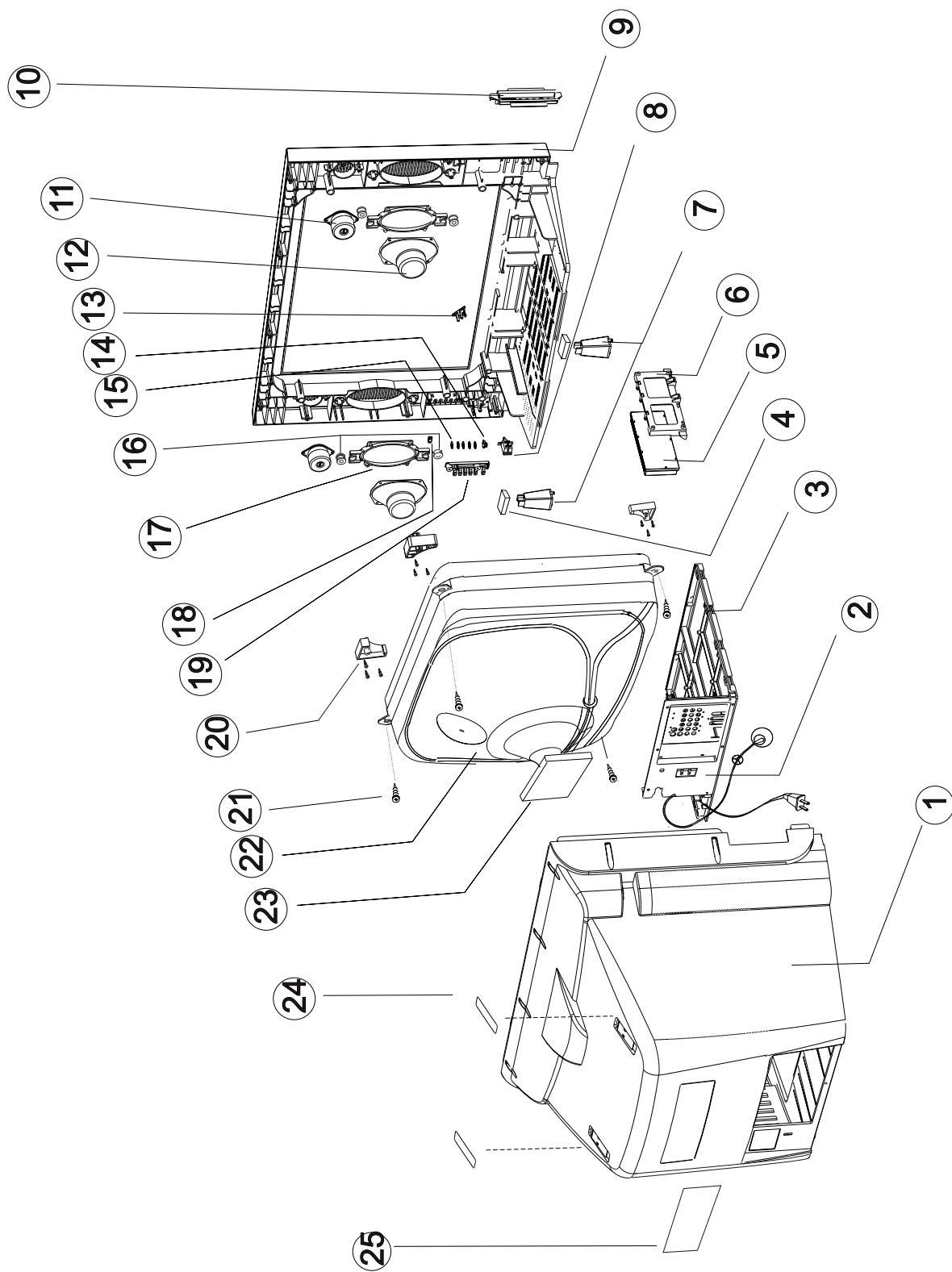
TDA8177

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----|-----|----|-----|-----|-----|------|-------|
| V | 0.7 | 15 | -12 | -15 | 0.3 | 15.9 | -0.07 |

AN 7522

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|-----|----|---|---|---|-----|-----|---|-----|---|----|----|----|--|
| V | 12 | 7 | 0 | 7 | 3.3 | 1.4 | 0 | 1.4 | 0 | 7 | 0 | 7 | |

Exploded view



| NO. | DESCRIPTION | PART# |
|-----|--------------------------------------|-----------------------------|
| 1 | BACK CABINET | 780-10908-040 |
| 2 | REAR PANEL | 808-10819-040 |
| 3 | MAIN BOARD FRAME | 863-60177U000 |
| 4 | WASHER | 868-10107-00 |
| 5 | | |
| 6 | | |
| 7 | CRT SUPPORT | 868-20175-00 |
| 8 | POWER SWITCH/STANDBY BUTTON BOARD | 360-30028-00/667-TS32351-05 |
| 9 | FRONT CABINET | 611-E50Y2-0E1 |
| 10 | SIDE AV BOARD | 667-TK2950-29 |
| 11 | SPEAKER | 384 - 20507 - 80 |
| 12 | SPEAKER ST613-04 | 384-32108-50 |
| 13 | TOUCH BUTTON | 877-60595-00 |
| 14 | BUTTON CAP | 877-60531-00 |
| 15 | BUTTON CAP (PLATING) | 877-60530-01 |
| 16 | WASHER | 868-20217-00 |
| 17 | SPEADER BRACKET | 870-20693-00 |
| 18 | LED COLUMN | 700-60149-00 |
| 19 | BUTTON | 877-50409-00 |
| 20 | CRT FIXER | 615-10079/10080-00 |
| 21 | COMPONENT NUT | 648-30001-00 |
| 22 | CRT | 335-2942Q-60 |
| 23 | CRT BOARD | No number |
| 24 | RIGHT/LEFT COVER BOARD | 808-10570/10571-40 |
| 25 | LABEL | 880-10205-755 |

| | PART LIST | |
|----------------|------------------------------------|-----------|
| PART# | DESCRIPTION | LOCA. NO. |
| 100-TK29500-11 | TS2750J | |
| 100-TK29500-01 | TK2950 | |
| 862-20028-00 | POWER CORD CLAMPE | |
| 615-10079-00 | CRT FIXER ASS'Y | |
| 615-10080-00 | CRT FIXER ASS'Y | |
| 648-30001-00 | COMPOSE NUTS SJ2843-87M6 | |
| 700-60149-00 | LED COLUMN | |
| 741-10001-02 | WIRE FIXED BLADE | |
| 741-10001-02 | WIRE FIXED BLADE | |
| 742-30005-09 | LINE TIE | |
| 742-30006-09 | GRADING TIE | |
| 742-30032-00 | TIE | |
| 742-30032-00 | TIE | |
| 742-30038-00 | TIE | |
| 742-30043-00 | LINE TIE | |
| 742-30043-00 | LINE TIE | |
| 807-20065-00 | BACK CABINET BLOCK | |
| 808-10570-40 | COVER BOARD (LEFT)(MOLD GREY) | |
| 808-10571-40 | COVER BOARD (RIGHT)(MOLD GREY) | |
| 808-70239-00 | EVA GLUE 150X50X1 | |
| 851-23016-11 | SCREW SJ2824 ST3X16C-DZn | |
| 851-23016-11 | SCREW SJ2824 ST3X16C-DZn | |
| 851-24016-11 | SCREW SJ2824 ST4X16C-DZn | |
| 851-24016-11 | SCREW SJ2824 ST4X16C-DZn | |
| 851-24016-14 | SCREW SJ2824 ST4X16C-Y | |
| 851-24016-14 | SCREW SJ2824 ST4X16C-Y | |
| 851-24016-14 | SCREW SJ2824 ST4X16C-Y | |
| 851-24016-14 | SCREW SJ2824 ST4X16C-Y | |
| 851-24016-14 | SCREW SJ2824 ST4X16C-Y | |
| 851-24016-14 | SCREW SJ2824 ST4X16C-Y | |
| 851-24020-14 | SCREW SJ2824 ST4X20C-Y | |
| 851-24020-14 | SCREW SJ2824 ST4X20C-Y | |
| 851-24025-11 | SCREW SJ2824 ST4X25C-D.Zn | |
| 851-24025-11 | SCREW SJ2824 ST4X25C-D.Zn | |
| 851-53012-11 | SCREW SJ2825 ST3X12C-D.Zn | |
| 851-53012-11 | SCREW SJ2825 ST3X12C-D.Zn | |
| 851-53012-31 | SCREW SJ2825ST3X12FT-DZn | |
| 851-53012-31 | SCREW SJ2825ST3X12FT-DZn | |
| 855-A0024-00 | SCREW M4X18 | |
| 855-A0024-00 | SCREW M4X18 | |
| 857-10004-00 | COTTON FLANNEL | |
| 857-10004-00 | COTTON FLANNEL | |
| 857-10004-00 | COTTON FLANNEL | |
| 857-10004-00 | COTTON FLANNEL | |
| 868-10107-00 | CUSHION | |
| 868-10107-00 | CUSHION | |
| 868-20007-00 | SLEEVE | |
| 868-20109-00 | WASHER | |
| 868-20175-00 | SUPPORT CUSHION | |
| 868-20175-00 | SUPPORT CUSHION | |
| 868-20271-00 | RUBBER WASHER | |
| 868-20271-00 | RUBBER WASHER | |

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| 868-20462-00A | CRT SUPPORT | |
| 868-20465-00A | CUSHION | |
| 887-20044-01 | POWER CORD COVER | |
| 887-21114-P0 | PE/PEARL COTTONPALSTIC BAG 1300X1250 | |
| 893-10600-11 | NUT GB6170-86-M6 D.Zn | |
| 893-10600-11 | NUT GB6170-86-M6 D.Zn | |
| 100-U29F0-01FD | ASSEMBLY ACCESSORY RATION U,V,29F6 | |
| 611-E50Y2-0E1 | FRONT CABINET ASS'Y (GR10,SILK-SCREEN) | |
| 335-2942Q-00 | CRT 73SX707Y22-DC01-A ! | |
| 780-10908-040 | BACK CABINET (MOLD GREY) | |
| 863-80767-00A | POLY FOAM (TOP)(SMALL) | |
| 863-80768-00 | POLY FOAM (BOTTOM)(SMALL) | |
| 886-31150-00 | CARTON BOX (BLANK SMALL) | |
| 360-30028-00 | POWER SWITCH KDC-A04-S ! | |
| 491-752J0-02 | POWER CORD UL ! | |
| 123-30001-04 | TWIST WIRE | |
| 770-40151-40 | IMITATEUL1672 22# 400mm BLACK | |
| 838-10012-00 | BRAIDED WIARE SPRING | |
| 881-60085 | BLANK WARNING LABEL | |
| 887-21135-00 | CLASPER PALSTIC BAG 230X330X0.1 | |
| | | |
| 880-10205-755 | BACK PLATE (TS2750J,JENSEN) | |
| 880-10414-01 | FRONT LOGO (JENSEN, SILVERY GLOSS GREY 10 | |
| 881-63629-00 | UPCBAR CODE LABEL (69020712750) | |
| 881-63030-00A | POWER SYMBOL LABEL (JENSEN) | |
| 881-61884-00 | CSA WARNING LABEL | |
| 488-10007-00 | BATTERY 5# | |
| 611-E50Y3J0H1C | FRONT CABINET ASS'Y (HIPS V0 SILVER WHITE 03 | |
| 886-31150-18 | CARTON BOX (TS2750J,JENSEN) | |
| 335-2942Q-60 | CRT NA MAGNETIC FIELD ! | |
| 881-80666-00 | REGISTER CARD (JENSEN AMERICA) | |
| 604-TK27506-02 | OWNER'S MANUALJENSEN CPU | |
| 881-80669-00 | SERVICE CARD (27-32 CRT) | |
| | | |
| 615-20433-00 | SPEAK ASS'Y | |
| 384-20507-80 | SPEAKER ST50-G01 | |
| 384-32108-50 | SPEAKER YDT813 | |
| 464-30522-M0 | ELECTROLYTIC CAPACITOR CD11W-50V-2.2uF-M | |
| 655-41201-322 | (4-PINS) LEAD WITH HOUSING | |
| 741-10001-02 | WIRE FIXED BLADE | |
| 770-30102-01 | RV0.2 12X0.15 300mm BROWN | |
| 770-30102-02 | RV0.2 12X0.15 300mm RED | |
| 851-53008-31 | SCREW SJ2825 ST3X8FT D.Zn | |
| 868-20217-00 | WASHER | |
| 870-20693-00 | SPEAK BRACKET | |
| | | |
| 667-TKE50-01A | MAIN PCB ASS'Y | |
| 667-TKE50-01A\ | MAIN PCB ASS'Y (MANUAL INSERTION) | |
| 364-34101-00 | 4-PINS CONNECTORS TJC3-04A | XS701 |
| | | |
| 535-TKE50-01W | OUTSOURCING ASS'Y | |
| BT-0330D---CH | REMOTE CONTROL UNIT | ZZ030 |
| BXATB017F---K | TUNER(ET-5T5E-AF108) | A101 |
| CEF471M1ACHNP | ELECTROLYTIC CAPACITOR 50V 470u | C2001 |

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| CKMX471K301ND | CERAMIC CAPACITOR AC 400V 470P | C598,C598B |
| CMNX224M801NP | POLYESTER CAPACITOR AC 275V 0.22u | C502 |
| DH24R5M001-NC | THERMISTOR PTC 4.5ohm(3 END) | PS501 |
| DN15R0M001-NH | NTC MF72-5D13 5ohm | R502 |
| DRRGP10D---TD | DIODE RGP10D | VD2002 |
| DRTRGP30J--NZ | DIODE TRGP30J | VD524 |
| GABV2001----A | 2S SOCKET(MIDDLE) | XS2002 |
| GACV2001----A | 2S SOCKET(SMALL XH) KTa | XS2001 |
| HAA0004-----G | SMIT-SS-112DM(27ohm) | CN2001 |
| JS2451-B002-A | 2P LINE(450mm) | XS2003 |
| JW2301-E001-P | 2P LINE(300mm XH-D2) | XS201 |
| LBB5R6K----TC | 5.6uH-K | L351 |
| LEA001-5---NJ | M-COIL(LINE FERRITE BEAD) | L505 |
| LG-003-----NL | LINE FILTER(4MH) | L502 |
| LG-040-----NL | LINE FILTER | L501 |
| LM-069-----NG | DEGAUS COIL | |
| NOM8377-B-9NA | OM8377 PS/N3 | N301 |
| PX20030A---8S | MAIN+CRT PCB | zz060 |
| PYF0001----2S | DEGAUSSING CIRCUIT BOARD | ZZ63 |
| Q2PA1015-GNF- | TRANSISTOR 2PA1015G | V2001 |
| RGDX126K-03NA | 1/2W 12M(PMSR34015126) | R519 |
| TM-0108U---0L | CON.TRANS(BCK-180-34A UL | T501 |
| XFS031-----NB | SAWF M1967 | Z301 |
| | | |
| 569-18101-00U | FUSE 51S 5A/125V ! | |
| 667-TKE53-01\ | MAIN PCB ASS'Y (MANUAL INSERTION) | |
| 364-32101-00 | 2-PINS CONNECTORS TJC3-02A | XS702 |
| 364-33101-00 | 3-PINS CONNECTORS TJC3-03A | U701 |
| 364-36101-00 | 6-PINS CONNECTORS TJC3-06A | XS895 |
| 459-2156K-00 | CERAMIC CAPACITOR CT1-06-2B4-63V-561K | C381 |
| 459-2310R-00 | CERAMIC CAPACITOR CT1-08-2F4-63V-103Z | C472 |
| 464-60510-M0 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C827 |
| 464-60522-M0 | ELECTROLYTIC CAPACITOR CD110-50V-2.2uF-M | C339 |
| 464-60547-M0 | ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M | C340 |
| 464-62610-M0 | ELECTROLYTIC CAPACITOR CD288-160V-10uF-M | C458 |
| 467-1DA82-H0 | CARBON RESISTOR RT14-1/4W-8.2Ω-J | R513 |
| 467-1E433-H0 | CARBON RESISTOR 1/2W-330K-J | R942 |
| 467-2D218-G0 | METAL RESISTOR 1/4W-1.8K-G | R403 |
| 467-2D218-G0 | METAL RESISTOR 1/4W-1.8K-G | R405 |
| | | |
| 535-TK2953-00W | OUTSOURCING ASS'Y | |
| RDD683J-NACTD | CARBON RESISTOR 1/2W 68K | R507 R508 |
| RFD1R0J4ACCNF | FUSIBLE RESISTOR 1/2W 1.0 | R430 R473B |
| RFER27J5ACDNF | FUSIBLE RESISTOR 1W 0.27 | R555 R565 R566 |
| RFER47J5ACDNF | FUSIBLE RESISTOR 1W 0.47 | R165 R470 R472 |
| RGDX152K-03NZ | 1/2W 1.5K | R918 R928 R938 |
| RGDX246K-03NZ | 1/2W 24M | R519 |
| RJB393F-NAATD | METAL RESISTOR 1/6W 39K | R411 |
| RSE102J4ACCND | METAL RESISTOR 1W 1K | R466 |
| RSE1R5J5DCCND | METAL RESISTOR 1W 1.5 | R406 |
| RSE1R8J5DCCND | METAL RESISTOR 1W 1.8 | R408 |
| RSE220J5ACCND | METAL RESISTOR 1W 22 | R300A |
| RSF101J5ACDND | METAL RESISTOR 2W 100 | R407 |
| RSF103J5ACDND | METAL RESISTOR 2W 10K | R467 R703 R915 R925 R935 |

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| RSF223J7ACDND | METAL RESISTOR 2W 22K | R556 |
| RSF271J7ACDND | METAL RESISTOR 2W 270 | R454 R546 |
| RSF4R7J7ACDND | METAL RESISTOR 2W 4.7 | R445 |
| RSF560J5ACDND | METAL RESISTOR 2W 56 | R446 R530 |
| RSF5R6J5ACDND | METAL RESISTOR 2W 5.6 | R941 R480 |
| RSG473J7ACEND | METAL RESISTOR 3W 47K | R504 |
| RWH3R9K3AK-NR | 5W 3.9 | R458 |
| VDAAA104A001C | POTENTIOMETER 100KB | VR431 VR432 |
| VDAAA203A001C | POTENTIOMETER 20KB | VR433 VR501 |
| CCF330J1CA-FC | CERAMIC CAPACITOR 50V 33P | C761 C762 |
| CKF331K1BA-FC | CERAMIC CAPACITOR 50V 330P | C911 C921 C931 |
| CKF471K1BA-FC | CERAMIC CAPACITOR 50V 470P | C513 C732 C803 C805 C812 C814 C824 C826 |
| CKF472K1BA-FC | CERAMIC CAPACITOR 50V 4700P | C324 C336 |
| CKMX102M301ND | CERAMIC CAPACITOR AC 400V 1000P | C515 |
| CKMX471K301ND | CERAMIC CAPACITOR AC 400V 470P | C515A |
| CKP101K1BA-FC | CERAMIC CAPACITOR 500V 100P | C482 |
| CKW102K2BJ-ND | CERAMIC CAPACITOR 1KV 1000P | C503 C504 C505 C506 |
| CKW471K2RA-ND | CERAMIC CAPACITOR 1KV 470P | C529 |
| CKX102P2EJ-ND | CERAMIC CAPACITOR 2KV 1000P | C512 C943 |
| CKX221K2RA-ND | CERAMIC CAPACITOR 2KV 220P | C509 |
| CKX471K2RA-ND | CERAMIC CAPACITOR 2KV 470P | C543 |
| CKX681K2RA-ND | CERAMIC CAPACITOR 2KV 680P | C527 |
| CED101M1ACBNP | ELECTROLYTIC CAPACITOR 25V 100u | C471 C471A |
| CED102M1ACHNP | ELECTROLYTIC CAPACITOR 25V 1000u | C522 |
| CED222M2ACKNP | ELECTROLYTIC CAPACITOR 25V 2200u | C524 |
| CED471M1ACENP | ELECTROLYTIC CAPACITOR 25V 470u | C161 C474 C474A |
| CEE101M1ACCFP | ELECTROLYTIC CAPACITOR 35V 100u | C406 |
| CEE331M1ACFNP | ELECTROLYTIC CAPACITOR 35V 330u | C530 |
| CEE470M1ACCFP | ELECTROLYTIC CAPACITOR 35V 47u | C430 C453 C490 |
| CEH471M3AEBNM | ELECTROLYTIC CAPACITOR 160V 470u | C528B |
| CEH4R7M1BCCFP | ELECTROLYTIC CAPACITOR 160V 4.7u | C466 |
| CEK100M1ACHNP | ELECTROLYTIC CAPACITOR 250V 10u | C477 C941 |
| CEM331M3AEPNM | ELECTROLYTIC CAPACITOR 400V 330u(30*40) | C507 |
| CPFX6R8MY01NP | ELECTROLYTIC CAPACITOR 50V 6.8u(NO POLARITY) | C446 |
| CAF104K1-H-FC | POLYESTER CAPACITOR 50V 0.1u | C326 C338 C365 C411 C431 C511 |
| CAF224K1-H-FC | POLYESTER CAPACITOR 50V 0.22u | C331 C334 |
| CAF474K1-H-FC | POLYESTER CAPACITOR 50V 0.47u | C404 C461 |
| CMNX224M801NE | POLYESTER CAPACITOR AC 275V 0.22u | C501 |
| CMM434J8-H-NL | POLYESTER CAPACITOR 400V 0.43u | C467 |
| CMR103J5-H-NE | POLYESTER CAPACITOR 630V 0.01u | C508 |
| | | |
| CMZ822J7-H-NE | POLYESTER CAPACITOR 1.6KV 8200p | C456 |
| CMZ912J7-H-NE | POLYESTER CAPACITOR 1.6KV 9100P | C455 |
| CNM333J7-H-NE | POLYESTER CAPACITOR 400V 0.033u | C457 |
| LAD601K2---NJ | STAND INDUCTANCE LGB-600uH(1.5A) | L441 |
| LBB820K----TG | 82uH-K | L911 L912 L913 |
| LEA001-3---NJ | M-COIL(LINE FERRITE BEAD) | L505 |
| LEA001-5---NJ | M-COIL(LINE FERRITE BEAD) | L450 |
| LEE004-----NJ | -PINSFERRITE BEAD (6*5*1.5mm) | ZD524A ZD524B |
| LF-026-3---NJ | LINE COIL | L452 |
| LG-013-----NL | LINE FILTER 10*12.5 | L501 |
| LM-040-----NG | DEGAUS COIL(E7X 12ohm) | L901 |
| DH2090M003-NC | MZ73BL-9ohm | PS501 |
| DN14R7M001-NC | NTC 4.7ohm | R502 |

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| DRBAV21----NJ | DIODE BAV21 | VD912 VD922 VD932 |
| DRTVR4J----ND | DIODE TVR4J | VD503 VD504 VD505 VD506 |
| DRRGPI0D---TD | DIODE RGP10D | VD401 VD470 VD471 VD510 |
| | | VD512 VD522 VD525 VD490 |
| DRRGPI0J---TD | DIODE RGP10J | VD436 VD472 VD513 |
| DRRGPI5D---ND | DIODE RGP15D | VD543 |
| DRRGPI30D---ND | DIODE RGP30D | VD521 |
| DRTRGP30J---NZ | DIODE TRGP30J | VD524 |
| DRTRU4C----NZ | DIODE TRU4C | VD452 |
| DRTRU4DS---NZ | DIODE TRU4DS | VD451 |
| DRTVR4J----ND | DIODE TVR4J | VD508 |
| DZHZ22-2---TQ | ZENER TUBE HZ22-2 | VD432 VD481 |
| DZHZ3C3----TQ | ZENER TUBE HZ3C3 | VD564 |
| DZHZ4A2----TQ | ZENER TUBE HZ4A2 | VD509 |
| DZHZ5C1----TQ | ZENER TUBE HZ5C1 | VD300A |
| DZHZ7C1----TQ | ZENER TUBE HZ7C1 | VD381 VD382 VD383 |
| DZHZ9A3----TQ | ZENER TUBE HZ9A3 | VD460 VD483 VD822 VD941 VD861A |
| NAN7522N---N- | AN7522N | N161 |
| NAT24C08---N- | AT24C08 | N702 |
| NCD8145CP--N- | CD8145CP | N431 |
| NCW574CS---N- | CW574CS | N703 |
| NHEF4052---BP | HEF4052 | N121 N801 |
| NK1010B----N- | K1010B | N504 |
| NKA431AZ---N- | KA431AZ | V540 |
| NKA5Q1265RFN- | KA5Q1265RF | N501 |
| NMC7805CT--N- | MC7805CT | N505 |
| NMC7808CT--N- | MC7808CT | N503 |
| NTDA8177---N- | TDA8177 | N401 |
| NTDA9381B39NE | TDA9381PS/NB/2 1831 | N301 |
| Q2PA1015-GNF- | TRANSISTOR 2PA1015G | V171 V491 |
| Q2PC1815-GNF- | TRANSISTOR 2PC1815 G | V121 V122 V173 V351 |
| | | V352 V395 V504 V801 V490 |
| Q2SB1443--NN- | TRANSISTOR 2SB1443 TV2 Q | V542 |
| QBF421----NN- | TRANSISTOR BF421 | V913 V923 V933 |
| QBF422----NN- | TRANSISTOR BF422 | V912 V922 V932 |
| QFJAF6810-NN- | TRANSISTOR FJAF6810 | V451 |
| QKSA940----N- | TRANSISTOR KSA940 | V432 |
| QKSC1674C-NN- | TRANSISTOR KSC1674C | V308 |
| QKSC2383-ONN- | TRANSISTOR KSC2383O | V450 |
| QKSC2688--NN- | TRANSISTOR KSC2688 | V911 V921 V931 |
| QPH2369---NN- | TRANSISTOR PH2369 | V701 |
| FBA3154S02C-A | FUSE 3.15A 250V(FUSE) | F501 |
| | | |
| XFS043-----NB | SAW FILTER(K2966M D2901C | Z301 |
| XTC006-----ND | T 6.5M(TRAP FILTER) | Z351 |
| XTC008-----ND | T 5.5M(TRAP FILTER) | Z354 |
| XX-021-----NV | CR.OSC(12M 18P) | X761 |
| GAAV2001----A | 2S SOCKET(BIG) | XR502 XS501A |
| GABV2001----N | 2S SOCKET(MIDDLE) | XS502 |
| GABV5001----A | DY SOCKET(MIDDLE) DYa | XS403 |
| GACV4001----A | 4S SOCKET(SMALL XH) | XS161 |
| GBAVL005----A | CRT SOCKET(GZS8-6-4CE) | XS901 |
| GBBB9-06----8 | AV SOCKET | XS801 |
| GBCH5001----Y | S END | XS861 |

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| JD2261-A010-A | POWER LINE (260mm 2940 | KF' |
| JS4501-B001-A | DY LINE(500mm) | KDY |
| JW4451-J001-A | 4P LINE(450mm D2-D2) | XP402 |
| JW5501-E001-A | 5P LINE(500mm XH-D2) | XS903 |
| TD-0042----0L | H-DRIVER(ROW PUSH)BCH-13 | T450 |
| TF-0090----2U | F.B.T | T451 |
| TM-0108----OL | CON.TRANS(BCK-1254-108) | T501 |
| BT-0308A---CH | | ZZ010 |
| BXATB138----S | TUNER 38.9MHZ | A101 |
| M90X0003---91 | INSULATING CUSHION 18*13 D4.8 | Z1 |
| MB0X0011---G8 | FUSE SOCKET(FUSE HOLDER) | F501A F501B |
| MB1X0040---BF | 12V RADIATOR | H-N505 |
| MB1X0114---BF | 5V RADIATOR (CUBA) | H-N503 |
| MB1X0163---BG | PINCUSHION CORRECTION RADIATOR (BLACK) | H-V432 |
| MB1X0179---BF | SOUND RADIATOR (AN7522N) | H-N161 |
| MB1X0204---BF | POWER RADIATOR | H-N501 |
| MB1X0208---BF | FRAME , ROW RADIATOR | H-V451 |
| MG3X0036---D7 | INSULATING WASHER (D9) | Z2 |
| MG3X0037---D7 | INSULATING WASHER (D9) | Z3 |
| PX20030----9S | MAIN+CRT PCB | zz060 |
| SCA-25016FE-H | GB818 M2.5*16 | SN 401 |
| SFAC30010FE1H | SJ2836-87(M3*10.I) | SN 503 SN161A SN161B |
| SFAC30012FE1H | SJ2836-87(M3*12.I) | S-N501 S-V451 |
| SKA-308R0FE-H | GB845-78 ST3*8 | S-N505 S-V432 |
| SXN1A25--FF-H | M2.5NUT | zz360 |
| SXN1A30--FF-H | M3(NUT) | N-N501 N-N503 N-V451 NN161A NN161B |
| SXW1A25--FE-H | GB97.1 D2.5 WASHER | ZN401 |
| GACV5001----A | 5S SOCKET(SMALL XH) | XS301 |
| MG3X0073----G7 | FIXED CARD | |
| | | |
| 998 | JUMPER WIRE | W343 |
| 998 | JUMPER WIRE | W844A |
| 998 | JUMPER WIRE | W861 |
| 998 | JUMPER WIRE | VD1561 |
| 471-2001K-00 | PEAKING COIL SPT0305-1R0K-5 | L302 |
| 471-2A39K-00 | PEAKING COIL SPT0305-3R9K-5K | L351 |
| 464-6D747-M0 | ELECTROLYTIC CAPACITOR CD110-16V-470uF-M | C801 |
| 459-5239K-00 | CERAMIC CAPACITOR RQC12B392K-H46CA | C451 |
| 467-1E210-H0 | CARBON RESISTOR 1/2W-1K-J | R453 |
| 464-6D647-M0 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C804 |
| 464-60510-M0 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C337 |
| 742-30005-09 | LINE TIE | |
| 666-12301-00 | FERRITE BEAD TY23X13.5X6 | |
| 851-24012-11 | SCREW SJ2824 ST4X12C-D.Zn | |
| 851-53012-11 | SCREW SJ2825 ST3X12C-D.Zn | |
| 851-53012-11 | SCREW SJ2825 ST3X12C-D.Zn | |
| 851-53012-11 | SCREW SJ2825 ST3X12C-D.Zn | |
| 851-53012-14 | SCREW SJ2825 ST3X12C-D.Zn | |
| 851-53012-14 | SCREW SJ2825 ST3X12C-D.Zn | |
| 851-53016-11 | SCREW SJ2825 ST3X16C-D.Zn | |
| 851-53016-11 | SCREW SJ2825 ST3X16C-D.Zn | |
| 851-53016-11 | SCREW SJ2825 ST3X16C-D.Zn | |
| 863-60172U000 | MAIN BOARD FRAME (HIPS V0) | |
| 870-20357-00B | WIRE FIXED HOLDER | |

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| 870-30150U000 | FBT BRACKET (HIPS V0) | |
| 881-60074-00 | HIGH VOLTAGE WARNING LABEL | |
| 681-40003-00 | OK LABEL | |
| 741-10001-02 | WIRE FIXED BLADE | |
| 666-12301-00 | FERRITE BEAD TY23X13.5X6 | |
| 808-10760-020 | BLACK PLATE (MOLD BLACK) | |
| 808-60895-01 | INTERFACE SPACE PLATE (SILK-SCREEN) | |
| | | |
| 467-8E522-H0U | SOLID RESISTOR 1/2W-2.2MΩ-JL ! | R501 |
| 475-25451-00 | CERAMIC TRAP FILTER XT4.5MB | Z351 |
| 742-30005-09 | LINE TIE | |
| 887-20171-00 | PALSTIC BAG 70-500-0.06 | |
| 863-60177U000 | MAIN BOARD FRAME (HIPS V0) | |
| 491-752H0-02 | POWER CORD UL ! | |
| 851-24014-31 | SCREW SJ2824 ST4X14C-D.Zn | |
| 851-24014-31 | SCREW SJ2824 ST4X14C-D.Zn | |
| 808-10819-040 | BLACK PLATE (MOLD GREY) | |
| 808-60918-02 | INTERFACE SPACE PLATE (SILK-SCREEN) | |
| | | |
| 667-TKE50-01A* | MAIN PCB ASS'Y (AUTOMATIC INSERTION) | |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R301A |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R302A |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R380 |
| 340-51240-003 | ZENER DIODE HZ12A3 | VD588 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | L502 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R702 |
| 459-2182K-002 | CERAMIC CAPACITOR RPU05B821K-H46CA | C323 |
| 667-TKE53-01* | MAIN PCB ASS'Y (AUTOMATIC INSERTION) | |
| 340-00001-003 | DIODE 1N4148 | VD171 |
| 340-00001-003 | DIODE 1N4148 | VD431 |
| 340-00001-003 | DIODE 1N4148 | VD461 |
| 340-00001-003 | DIODE 1N4148 | VD462 |
| 340-00001-003 | DIODE 1N4148 | VD511 |
| 340-00001-003 | DIODE 1N4148 | VD544 |
| 340-00001-003 | DIODE 1N4148 | VD561 |
| 340-00001-003 | DIODE 1N4148 | VD562 |
| 340-00001-003 | DIODE 1N4148 | VD734 |
| 340-00001-003 | DIODE 1N4148 | VD911 |
| 340-00001-003 | DIODE 1N4148 | VD921 |
| 340-00001-003 | DIODE 1N4148 | VD931 |
| 459-2133K-902 | CERAMIC CAPACITOR RBU07SL331K-H46CA | C323 |
| 459-2210K-002 | CERAMIC CAPACITOR CK45-B1H102KYR | C308 |
| 459-2210K-002 | CERAMIC CAPACITOR CK45-B1H102KYR | C311 |
| 459-2210K-002 | CERAMIC CAPACITOR CK45-B1H102KYR | C401 |
| 459-2210K-002 | CERAMIC CAPACITOR CK45-B1H102KYR | C402 |
| 459-2210K-002 | CERAMIC CAPACITOR CK45-B1H102KYR | C721 |
| 459-2210K-002 | CERAMIC CAPACITOR CK45-B1H102KYR | C861 |
| 459-2222K-002 | CERAMIC CAPACITOR CT1-08-2B4-63V-222K | C335 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYR | C162 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYR | C302 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYR | C309 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYR | C313 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYR | C332 |

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| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C362 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C475 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C535 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C703A |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C723 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C744 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C752 |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C756 |
| 459-5122K-002 | CERAMIC CAPACITOR RQC05B221K-6H46UA | C405 |
| 459-5210K-002 | CERAMIC CAPACITOR CK45-B2H102KYR | C452 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R351 |
| 462-00233-K02 | POLYESTER CAPACITOR CL11-100V-3300PF-K | C321 |
| 462-00256-H02 | POLYESTER CAPACITOR CL11-100V-5600PF-J | C154 |
| 462-00256-H02 | POLYESTER CAPACITOR CL11-100V-5600PF-J | C158 |
| 462-00333-K02 | POLYESTER CAPACITOR CL11-100V-0.033uF-K | C403 |
| 462-00333-K02 | POLYESTER CAPACITOR CL11-100V-0.033uF-K | C510 |
| 462-00333-K02 | POLYESTER CAPACITOR CL11-100V-0.033uF-K | C544 |
| 462-00347-K02 | POLYESTER CAPACITOR CL11-100V-0.047uF-K | C427 |
| 462-00410-K02 | POLYESTER CAPACITOR CL11-100V-0.1uF-K | C460 |
| 462-00410-K02 | POLYESTER CAPACITOR CL11-100V-0.1uF-K | C705 |
| 462-00410-K02 | POLYESTER CAPACITOR CL11-100V-0.1uF-K | C706 |
| 462-00410-K02 | POLYESTER CAPACITOR CL11-100V-0.1uF-K | C707 |
| 464-6C710-M02 | ELECTROLYTIC CAPACITOR CD110-10V-100uF-M | C548 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C163A |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C172 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C301 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C307 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C322 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C363 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C364 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C367 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C751 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C807 |
| 464-6D610-M02 | ELECTROLYTIC CAPACITOR CD110-16V-10uF-M | C871 |
| 464-6D622-M02 | ELECTROLYTIC CAPACITOR CD110-16V-22uF-M | C745 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C116 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C171 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C333 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C352 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C561 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C723A |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C811 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C823 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C121 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C123 |
| 464-6D647-M02 | ELECTROLYTIC CAPACITOR CD110-16V-47uF-M | C806 |
| 464-6D710-M02 | ELECTROLYTIC CAPACITOR CD110-16V-100uF-M | C361 |
| 464-6D710-M02 | ELECTROLYTIC CAPACITOR CD110-16V-100uF-M | C743 |
| 464-6D747-M02 | ELECTROLYTIC CAPACITOR CD110-16V-470uF-M | C525 |
| 464-6D747-M02 | ELECTROLYTIC CAPACITOR CD110-16V-470uF-M | C532 |
| 464-60447-M02 | ELECTROLYTIC CAPACITOR CD110-50V-0.47uF-M | C372 |
| 464-60447-M02 | ELECTROLYTIC CAPACITOR CD110-50V-0.47uF-M | C374 |
| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C153 |
| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C157 |

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| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C163 |
| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C813 |
| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C815 |
| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C825 |
| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C862 |
| 464-60522-M02 | ELECTROLYTIC CAPACITOR CD110-50V-2.2uF-M | C755 |
| 464-60547-M02 | ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M | C303 |
| 464-60547-M02 | ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M | C304 |
| 464-60547-M02 | ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M | C325 |
| 464-60547-M02 | ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M | C464 |
| 464-60622-M02 | ELECTROLYTIC CAPACITOR CD110-50V-22uF-M | C703 |
| 464-60647-M02 | ELECTROLYTIC CAPACITOR CD110-50V-47uF-M | C462 |
| 464-60647-M02 | ELECTROLYTIC CAPACITOR CD110-50V-47uF-M | C517 |
| 467-1C010-H03 | CARBON RESISTOR 1/6W-10Ω-J | R312 |
| 467-1C010-H03 | CARBON RESISTOR 1/6W-10Ω-J | R871 |
| 467-1C022-H03 | CARBON RESISTOR 1/6W-22Ω-J | R914 |
| 467-1C022-H03 | CARBON RESISTOR 1/6W-22Ω-J | R924 |
| 467-1C022-H03 | CARBON RESISTOR 1/6W-22Ω-J | R934 |
| 467-1C033-H03 | CARBON RESISTOR 1/6W-33Ω-J | R398 |
| 467-1C033-H03 | CARBON RESISTOR 1/6W-33Ω-J | R806 |
| 467-1C047-H03 | CARBON RESISTOR 1/6W-47Ω-J | R368 |
| 467-1C047-H03 | CARBON RESISTOR 1/6W-47Ω-J | R708 |
| 467-1C047-H03 | CARBON RESISTOR 1/6W-47Ω-J | R911 |
| 467-1C047-H03 | CARBON RESISTOR 1/6W-47Ω-J | R921 |
| 467-1C047-H03 | CARBON RESISTOR 1/6W-47Ω-J | R931 |
| 467-1C056-H03 | CARBON RESISTOR 1/6W-56Ω-J | R355 |
| 467-1C068-H03 | CARBON RESISTOR 1/6W-68Ω-J | R304 |
| 467-1C068-H03 | CARBON RESISTOR 1/6W-68Ω-J | R801 |
| 467-1C082-H03 | CARBON RESISTOR 1/6W-82Ω-J | R313 |
| 467-1C082-H03 | CARBON RESISTOR 1/6W-82Ω-J | R815 |
| 467-1C082-H03 | CARBON RESISTOR 1/6W-82Ω-J | R824 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R301 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R302 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R363 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R365 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R381 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R382 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R383 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R401 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R402 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R452 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R463 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R723 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R724 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R743 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R861 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R862 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R366 |
| 467-1C115-H03 | CARBON RESISTOR 1/6W-150Ω-J | R815A |
| 467-1C115-H03 | CARBON RESISTOR 1/6W-150Ω-J | R848 |
| 467-1C115-H03 | CARBON RESISTOR 1/6W-150Ω-J | R852 |
| 467-1C118-H03 | CARBON RESISTOR 1/6W-180Ω-J | R353 |
| 467-1C122-H03 | CARBON RESISTOR 1/6W-220Ω-J | R311 |
| 467-1C122-H03 | CARBON RESISTOR 1/6W-220Ω-J | R442 |

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| 467-1C122-H03 | CARBON RESISTOR 1/6W-220Ω-J | R917 |
| 467-1C122-H03 | CARBON RESISTOR 1/6W-220Ω-J | R927 |
| 467-1C122-H03 | CARBON RESISTOR 1/6W-220Ω-J | R937 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R481 |
| 467-1C130-H03 | CARBON RESISTOR 1/6W-300Ω-J | R913 |
| 467-1C130-H03 | CARBON RESISTOR 1/6W-300Ω-J | R923 |
| 467-1C130-H03 | CARBON RESISTOR 1/6W-300Ω-J | R933 |
| 467-1C133-H03 | CARBON RESISTOR 1/6W-330Ω-J | R916 |
| 467-1C133-H03 | CARBON RESISTOR 1/6W-330Ω-J | R926 |
| 467-1C133-H03 | CARBON RESISTOR 1/6W-330Ω-J | R936 |
| 467-1C139-H03 | CARBON RESISTOR 1/6W-390Ω-J | R322 |
| 467-1C147-H03 | CARBON RESISTOR 1/6W-470Ω-J | R308 |
| 467-1C168-H03 | CARBON RESISTOR 1/6W-680Ω-J | R316 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R128 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R129 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R369 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R460 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R464 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R531 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R541 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R544 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R701 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R734 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R802 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R803 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R816 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R818 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R825 |
| 467-1C210-H03 | CARBON RESISTOR 1/6W-1K-J | R827 |
| 467-1C212-H03 | CARBON RESISTOR 1/6W-1.2K-J | R305 |
| 467-1C212-H03 | CARBON RESISTOR 1/6W-1.2K-J | R560 |
| 467-1C215-H03 | CARBON RESISTOR 1/6W-1.5K-J | R397 |
| 467-1C215-H03 | CARBON RESISTOR 1/6W-1.5K-J | R732 |
| 467-1C222-H03 | CARBON RESISTOR 1/6W-2.2K-J | R371 |
| 467-1C222-H03 | CARBON RESISTOR 1/6W-2.2K-J | R451 |
| 467-1C222-H03 | CARBON RESISTOR 1/6W-2.2K-J | R540 |
| 467-1C224-H03 | CARBON RESISTOR 1/6W-2.4K-J | R515 |
| 467-1C239-H03 | CARBON RESISTOR 1/6W-3.9K-J | R321 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R721 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R722 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R728 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R735 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R736 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R737 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R741 |
| 467-1C233-H03 | CARBON RESISTOR 1/6W-3.3K-J | R742 |
| 467-1C247-H03 | CARBON RESISTOR 1/6W-4.7K-J | R131 |
| 467-1C247-H03 | CARBON RESISTOR 1/6W-4.7K-J | R133 |
| 467-1C247-H03 | CARBON RESISTOR 1/6W-4.7K-J | R154 |
| 467-1C247-H03 | CARBON RESISTOR 1/6W-4.7K-J | R158 |
| 467-1C247-H03 | CARBON RESISTOR 1/6W-4.7K-J | R306 |
| 467-1C247-H03 | CARBON RESISTOR 1/6W-4.7K-J | R462 |
| 467-1C247-H03 | CARBON RESISTOR 1/6W-4.7K-J | R733 |
| 467-1C256-H03 | CARBON RESISTOR 1/6W-5.6K-J | R370 |

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| 467-1C268-H03 | CARBON RESISTOR 1/6W-6.8K-J | R426 |
| 467-1C282-H03 | CARBON RESISTOR 1/6W-8.2K-J | R153A |
| 467-1C282-H03 | CARBON RESISTOR 1/6W-8.2K-J | R157A |
| 467-1C282-H03 | CARBON RESISTOR 1/6W-8.2K-J | R562 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R126 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R127 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R163 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R395 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R396 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R427 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R461 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R543 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R548 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R551 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R704 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R705 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R706 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R707 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R709 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R816A |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R818A |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R825A |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R827A |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R851A |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R852A |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R912 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R922 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R932 |
| 467-1C312-H03 | CARBON RESISTOR 1/6W-12K-J | R425 |
| 467-1C315-H03 | CARBON RESISTOR 1/6W-15K-J | R331 |
| 467-1C322-H03 | CARBON RESISTOR 1/6W-22K-J | R162 |
| 467-1C322-H03 | CARBON RESISTOR 1/6W-22K-J | R384 |
| 467-1C322-H03 | CARBON RESISTOR 1/6W-22K-J | R422 |
| 467-1C322-H03 | CARBON RESISTOR 1/6W-22K-J | R455 |
| 467-1C327-H03 | CARBON RESISTOR 1/6W-27K-J | R484 |
| 467-1C327-H03 | CARBON RESISTOR 1/6W-27K-J | R487 |
| 467-1C333-H03 | CARBON RESISTOR 1/6W-33K-J | R171 |
| 467-1C333-H03 | CARBON RESISTOR 1/6W-33K-J | R175 |
| 467-1C333-H03 | CARBON RESISTOR 1/6W-33K-J | R317 |
| 467-1C333-H03 | CARBON RESISTOR 1/6W-33K-J | R385 |
| 467-1C333-H03 | CARBON RESISTOR 1/6W-33K-J | R431 |
| 467-1C333-H03 | CARBON RESISTOR 1/6W-33K-J | R434 |
| 467-1C347-H03 | CARBON RESISTOR 1/6W-47K-J | R172 |
| 467-1C347-H03 | CARBON RESISTOR 1/6W-47K-J | R732A |
| 467-1C347-H03 | CARBON RESISTOR 1/6W-47K-J | R745 |
| 467-1C356-H03 | CARBON RESISTOR 1/6W-56K-J | R424 |
| 467-1C368-H03 | CARBON RESISTOR 1/6W-68K-J | R173 |
| 467-1C410-H03 | CARBON RESISTOR 1/6W-100K-J | R429 |
| 467-1C410-H03 | CARBON RESISTOR 1/6W-100K-J | R483 |
| 467-1C410-H03 | CARBON RESISTOR 1/6W-100K-J | R802A |
| 467-1C410-H03 | CARBON RESISTOR 1/6W-100K-J | R803A |
| 467-1C415-H03 | CARBON RESISTOR 1/6W-150K-J | R318 |
| 467-1C427-H03 | CARBON RESISTOR 1/6W-270K-J | R174 |
| 467-1C456-H03 | CARBON RESISTOR 1/6W-560K-J | R465 |

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| 467-1DA27-H03 | CARBON RESISTOR RT14-1/4W-2.7Ω-J | R468 |
| 467-1D001-H03 | CARBON RESISTOR RT14-1/4W-1Ω-J | R404 |
| 467-1D027-H03 | CARBON RESISTOR RT14-1/4W-27Ω-J | R561 |
| 467-1D110-H03 | CARBON RESISTOR RT14-1/4W-100Ω-J | R486 |
| 467-1D222-H03 | CARBON RESISTOR RT14-1/4W-2.2K-J | R161 |
| 467-1D310-H03 | CARBON RESISTOR RT14-1/4W-10K-J | R485 |
| 467-1D351-H03 | CARBON RESISTOR RT14-1/4M-51K-J | R539 |
| 467-1D351-H03 | CARBON RESISTOR RT14-1/4M-51K-J | R539A |
| 998 | JUMPER WIRE | W930 |
| 467-1C310-H03 | CARBON RESISTOR 1/6W-10K-J | R380 |
| 471-2010K-003 | PEAKING COIL SPT0305-100K-5 | L331 |
| 471-2010K-003 | PEAKING COIL SPT0305-100K-5 | L361 |
| 471-2010K-003 | PEAKING COIL SPT0305-100K-5 | L751 |
| 471-2010K-003 | PEAKING COIL SPT0305-100K-5 | L752 |
| 471-2010K-003 | PEAKING COIL SPT0305-100K-5 | L753 |
| 998 | JUMPER WIRE | W011 |
| 998 | JUMPER WIRE | W265 |
| 998 | JUMPER WIRE | W266 |
| 998 | JUMPER WIRE | W391 |
| 998 | JUMPER WIRE | W486 |
| 998 | JUMPER WIRE | W791 |
| 998 | JUMPER WIRE | W901 |
| 998 | JUMPER WIRE | W852 |
| 998 | JUMPER WIRE | W851A |
| 998 | JUMPER WIRE | W582 |
| 998 | JUMPER WIRE | W684 |
| 998 | JUMPER WIRE | W021 |
| 998 | JUMPER WIRE | W051 |
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| 998 | JUMPER WIRE | W373 |
| 998 | JUMPER WIRE | W381 |
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| 998 | JUMPER WIRE | W532 |
| 998 | JUMPER WIRE | W554 |
| 998 | JUMPER WIRE | W555 |
| 998 | JUMPER WIRE | W562 |
| 998 | JUMPER WIRE | W563 |
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
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| 998 | JUMPER WIRE | W774 |
| 998 | JUMPER WIRE | W841 |
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| 998 | JUMPER WIRE | W863 |
| 998 | JUMPER WIRE | W881 |
| 998 | JUMPER WIRE | W843 |
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| 998 | JUMPER WIRE | W231 |
| 998 | JUMPER WIRE | W243 |
| 998 | JUMPER WIRE | W358 |
| 998 | JUMPER WIRE | W762 |
| 998 | JUMPER WIRE | W875 |
| 998 | JUMPER WIRE | W876 |
| 998 | JUMPER WIRE | W401 |
| 998 | JUMPER WIRE | W786 |
| 998 | JUMPER WIRE | W675 |
| 998 | JUMPER WIRE | W242 |
| 998 | JUMPER WIRE | W552 |
| 998 | JUMPER WIRE | W553 |
| 998 | JUMPER WIRE | W662 |
| 998 | JUMPER WIRE | W663 |
| 998 | JUMPER WIRE | W244 |
| 998 | JUMPER WIRE | W245 |
| 998 | JUMPER WIRE | W148 |
| 998 | JUMPER WIRE | W152 |
| 998 | JUMPER WIRE | W154 |
| 998 | JUMPER WIRE | W166 |
| 998 | JUMPER WIRE | W171 |
| 998 | JUMPER WIRE | W241 |
| 998 | JUMPER WIRE | W263 |
| 998 | JUMPER WIRE | W421 |
| 998 | JUMPER WIRE | W435 |
| 998 | JUMPER WIRE | W472 |
| 998 | JUMPER WIRE | W342 |
| 998 | JUMPER WIRE | W484 |
| 998 | JUMPER WIRE | W485 |
| 998 | JUMPER WIRE | W643 |
| 998 | JUMPER WIRE | W653 |
| 998 | JUMPER WIRE | W655 |
| 998 | JUMPER WIRE | W741 |
| 998 | JUMPER WIRE | W921 |
| 998 | JUMPER WIRE | W922 |
| 998 | JUMPER WIRE | W650 |
| 998 | JUMPER WIRE | W900 |
| 998 | JUMPER WIRE | W341 |
| 998 | JUMPER WIRE | W752 |
| 998 | JUMPER WIRE | W420 |
| 998 | JUMPER WIRE | W651 |
| 998 | JUMPER WIRE | W213 |
| 998 | JUMPER WIRE | W214 |


| | | |
|-----|-------------|-------|
| 998 | JUMPER WIRE | W313 |
| 998 | JUMPER WIRE | W312 |
| 998 | JUMPER WIRE | W411A |
| 998 | JUMPER WIRE | W153 |
| 998 | JUMPER WIRE | W251 |
| 998 | JUMPER WIRE | W159 |
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| 998 | JUMPER WIRE | W454 |
| 998 | JUMPER WIRE | W551 |
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| 998 | JUMPER WIRE | W621 |
| 998 | JUMPER WIRE | W674 |
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| 998 | JUMPER WIRE | W781 |
| 998 | JUMPER WIRE | W142 |
| 998 | JUMPER WIRE | W253 |
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| 998 | JUMPER WIRE | W164 |
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| 998 | JUMPER WIRE | W453 |
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| 998 | JUMPER WIRE | W464 |
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| 998 | JUMPER WIRE | W641 |
| 998 | JUMPER WIRE | W642 |
| 998 | JUMPER WIRE | W644 |
| 998 | JUMPER WIRE | W656 |
| 998 | JUMPER WIRE | W672 |
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| 998 | JUMPER WIRE | R520 |
| 998 | JUMPER WIRE | W221 |
| 998 | JUMPER WIRE | W362 |
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| 998 | JUMPER WIRE | W364 |
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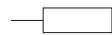
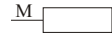
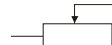
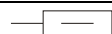

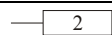








| | | |
|----------------------|--|-------|
| 998 | JUMPER WIRE | W156 |
| 998 | JUMPER WIRE | W561 |
| 998 | JUMPER WIRE | W661 |
| 998 | JUMPER WIRE | W664 |
| 998 | JUMPER WIRE | W494 |
| 998 | JUMPER WIRE | L401 |
| 998 | JUMPER WIRE | W903 |
| 998 | JUMPER WIRE | W904 |
| 340-00001-003 | DIODE 1N4148 | VD491 |
| 467-1C322-H03 | CARBON RESISTOR 1/6W-22K-J | R482 |
| 467-1C315-H03 | CARBON RESISTOR 1/6W-15K-J | R491 |
| 467-1C315-H03 | CARBON RESISTOR 1/6W-15K-J | R453A |
| 464-60547-M02 | ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M | C481 |
| 464-60510-M02 | ELECTROLYTIC CAPACITOR CD110-50V-1uF-M | C841 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | L501 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | PS501 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | T501 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | T451 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | L452 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | |
| 895-6025030-50 | RIVET GB876-86-2.5X3 COPPER | C507 |
| 895-6025030-50 | RIVET GB876-86-2.5X3 COPPER | VD451 |
| 895-6025030-50 | RIVET GB876-86-2.5X3 COPPER | VD452 |
| 895-6025030-50 | RIVET GB876-86-2.5X3 COPPER | V451 |
| 895-6025030-50 | RIVET GB876-86-2.5X3 COPPER | V432 |
| 895-6025030-50 | RIVET GB876-86-2.5X3 COPPER | |
| 459-2310R-002 | CERAMIC CAPACITOR CK45-F1H103ZYZR | C399 |
| 467-1D227-H03 | CARBON RESISTOR RT14-1/4W-2.7K-J | R512 |
| 467-1C318-H03 | CARBON RESISTOR 1/6W-18K-J | R804 |
| 467-1C347-H03 | CARBON RESISTOR 1/6W-47K-J | R807 |
| 467-1C118-H03 | CARBON RESISTOR 1/6W-180Ω-J | R805 |
| 467-1C110-H03 | CARBON RESISTOR 1/6W-100Ω-J | R354 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | C467 |
| 895-6016030-50 | RIVET GB876-86 1.6X3 COPPER | |
| | | |
| 998 | JUMPER WIRE | W882 |
| 998 | JUMPER WIRE | W883 |
| 998 | JUMPER WIRE | W884 |
| 998 | JUMPER WIRE | R737A |
| 998 | JUMPER WIRE | W122A |
| | | |
| 667-TK2950-05 | KEY BOARD ASS'Y | |
| 340-10097-60 | LED HFB90101M | VD902 |
| 352-03810-80 | *IC AT138B-T12 废 | RC901 |
| 360-10001-00 | TACT SWITCH KFC-A06-4X4.5X5B | S901 |
| 360-10001-00 | TACT SWITCH KFC-A06-4X4.5X5B | S902 |
| 360-10001-00 | TACT SWITCH KFC-A06-4X4.5X5B | S903 |
| 360-10001-00 | TACT SWITCH KFC-A06-4X4.5X5B | S904 |
| 360-10001-00 | TACT SWITCH KFC-A06-4X4.5X5B | S905 |
| 360-10001-00 | TACT SWITCH KFC-A06-4X4.5X5B | S906 |
| 782-TK3451-0500 | BUTTON PCB | |
| 467-1C215-H0 | CARBON RESISTOR 1/6W-1.5K-J | R901 |
| 467-1C218-H0 | CARBON RESISTOR 1/6W-1.8K-J | R902 |
| 467-1C230-H0 | CARBON RESISTOR 1/6W-3K-J | R903 |

| | | |
|----------------------|--|--------|
| 467-1C230-H0 | CARBON RESISTOR 1/6W-3K-J | R904 |
| 467-1C262-H0 | CARBON RESISTOR 1/6W-6.2K-J | R905 |
| 467-1C318-H0 | CARBON RESISTOR 1/6W-18K-J | R906 |
| 364-32101-00 | 2-PINS CONNECTORS TJC3-02A | X902 |
| 655-41201-181 | (4-PINS) LEAD WITH HOUSING | X901 |
| 998 | JUMPER WIRE | R908 |
| 467-1C139-H0 | CARBON RESISTOR 1/6W-390Ω-J | R907 |
| 851-23012-31 | SCREW SJ2824 ST3X12FT-D.Zn | |
| 877-50409-00 | KEY | |
| 877-60530-01 | BUTTON COVER (PLATE) | |
| 877-60531-00 | BUTTON COVER | |
| | | |
| 667-TK2950-29 | SIDE AV BOARD ASS'Y | |
| 364-93202-00 | AV JACK AV306-2 | XAA1 |
| 655-6E301-23 | (6-PINS) LEAD WITH HOUSING | XAA3 |
| 782-Q2751-290A | SIDE AV PCB | |
| 998 | JUMPER WIRE | JAA1 |
| 998 | JUMPER WIRE | LAA2 |
| 998 | JUMPER WIRE | LAA1 |
| 870-2D839-042 | SIDE AV BRACKET (MOLD GREY SILK-SCREEN | |
| 851-23012-11 | SCREW SJ2824 ST3X12C-DZn | |
| 868-10089-00 | CUSHION | |
| | | |
| 667-TK2950-17 | RELAY BOARD ASS'Y | |
| 340-00001-00 | DIODE 1N4148 | VD2003 |
| 467-1C310-H0 | CARBON RESISTOR 1/6W-10K-J | R2001 |
| 467-1C247-H0 | CARBON RESISTOR 1/6W-4.7K-J | R2002 |
| 464-6F710-M0 | ELECTROLYTIC CAPACITOR CD110-35V-100uF-M | C2002 |
| | | |
| 667-Q32161-05 | Stand By KEY BOARD ASS'Y | |
| 360-10001-00 | TACT SWITCH KFC-A06-4X4.5X5B | S1 |
| 782-13Y90-050A | BUTTON PCB | |
| 665-21201-96 | (2 -PINS) LEAD WITH HOUSING | X1 |

SCHEMATIC DIAGRAM

CAUTION: all the parts in the schematic diagram marked with shadows and the signs of  are extremely important for safety. In case of replacement of any part of components. Be sure to consult the service manual carefully.

1. the schematic diagram is characteristic. The various values in the electric circuits are basic data, which are changeable according to the various basic circuits.
2. testing waves are obtained by inputting the standard color bar of the signed.
3. resistance unit is in Ohm, namely: K=1000; M=1000K; Capacitance unit is in μF ; P= $\mu\mu\text{F}$ ($\mu=10^{-6}$)
4. Unless otherwise noted inside, all resistors are 1/6W, the withstand voltage of all capacitors are 50V.
5. Inductance unit is in μH .
6. The mark  in the diagram means Ferrite ring
7. The symbols of various types of resistors and capacitors are listed as follows:

| | |
|---------------------------------|--|
| Carbon film resistor |  |
| Metal film resistor |  |
| Potentiometer resistor |  |
| 1/2w resistor |  |
| 1w resistor |  |
| 2w resistor |  |
| 3w resistor |  |
| Ceramic capacitor |  |
| AC Ceramic capacitor |  |
| Terylene capacitor |  |
| Polypropylene capacitor |  |
| Metal Terylene capacitor |  |
| Aluminium electrolyse capacitor |  |
| Tantalum electrolyse capacitor |  |

