TCL
SERVICE MANUAL



29E12

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This manual is the latest at the time of printing, and does not include the modification which may be made after the printing, by the constant improvement of product

CAUTION:
Use of controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.







CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lighting flash with arrowhead symbol, with an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the person.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION:

Read all of these instructions. Save these instructions for later use. Follow all Warnings and Instructions marked on the audio equipment.

1. Read Instructions- All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions- The safety and operating instructions should be retained for future reference.
3. Heed Warnings- All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions- All operating and use instructions should be followed.

FOR YOUR PERSONAL SAFETY

1. When the power cord or plug is damaged or frayed, unplug this television set from the wall outlet and refer servicing to qualified service personnel.
2. Do not overload wall outlets and extension cords as this can result in fire or electric shock.
3. Do not allow anything to rest on or roll over the power cord, and do not place the TV where power cord is subject to traffic or abuse. This may result in a shock or fire hazard.
4. Do not attempt to service this television set yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
5. Never push objects of any kind into this television set through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the television set.
6. If the television set has been dropped or the cabinet has been damaged, unplug this television set from the wall outlet and refer servicing to qualified service personnel.
7. If liquid has been spilled into the television set, unplug this television set from the wall outlet and refer servicing to qualified service personnel.
8. Do not subject your television set to impact of any kind. Be particularly careful not to damage the picture tube surface.
9. Unplug this television set from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

10.1. Do not place this television set on an unstable cart, stand, or table. The television set may fall, causing serious injury to a child or an adult, and serious damage to the appliance. Use only with a cart or stand recommended by the manufacturer, or sold with the television set. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.

10.2. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



PROTECTION AND LOCATION OF YOUR SET

11. • Do not use this television set near water ... for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
    • Never expose the set to rain or water. If the set has been exposed to rain or water, unplug the set from the wall outlet and refer servicing to qualified service personnel.

12. Choose a place where light (artificial or sunlight) does not shine directly on the screen.

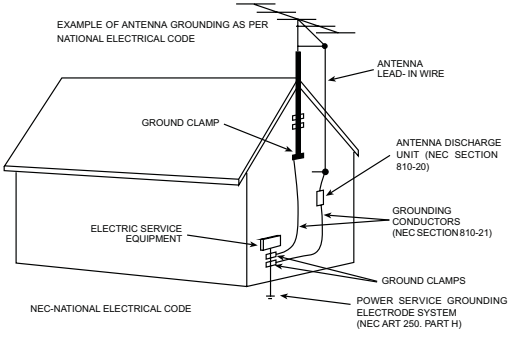
13. Avoid dusty places, since piling up of dust inside TV chassis may cause failure of the set when high humidity persists.

14. The set has slots, or openings in the cabinet for ventilation purposes, to provide reliable operation of the receiver, to protect it from overheating. These openings must not be blocked or covered.
    - Never cover the slots or openings with cloth or other material.
    - Never block the bottom ventilation slots of the set by placing it on a bed, sofa, rug, etc.
    - Never place the set near or over a radiator or heat register.
    - Never place the set in a "built-in" enclosure, unless proper ventilation is provided.

PROTECTION AND LOCATION OF YOUR SET

15.1. If an outside antenna is connected to the television set, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges, Section 810 of the National Electrical Code, NFPA No. 70-1975, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrode, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE INSTRUCTIONS



15.2. Note to CATV system installer : (Only for the television set with CATV reception)

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

16. An outside antenna system should not be located in the vicinity of overhead power lines or other electric lights or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17. For added protection for this television set during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage due to lightning and power-line surges.

OPERATION OF YOUR SET

18. This television set should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply at your home, consult your television dealer or local power company. For television sets designed to operate from battery power, refer to the operating instructions.
19. If the television set does not operate normally by following the operating instructions, unplug this television set from the wall outlet and refer servicing to qualified service personnel. Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the television set to normal operation.
20. When going on a holiday : If your television set is to remain unused for a period of time, for instance, when you go on a holiday, turn the television set "off" and unplug the television set from the wall outlet.

IF THE SET DOES NOT OPERATE PROPERLY

21. If you are unable to restore normal operation by following the detailed procedure in your operating instructions, do not attempt any further adjustment. Unplug the set and call your dealer or service technician.
22. Whenever the television set is damaged or fails, or a distinct change in performance indicates a need for service, unplug the set and have it checked by a professional service technician.
23. It is normal for some TV sets to make occasional snapping or popping sounds, particularly when being turned on or off. If the snapping or popping is continuous or frequent, unplug the set and consult your dealer or service technician.

FOR SERVICE AND MODIFICATION

24. Do not use attachments not recommended by the television set manufacturer as they may cause hazards.
25. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
26. Upon completion of any service or repairs to the television set, ask the service technician to perform routine safety checks to determine that the television is in safe operating condition.

SPECIFICATION

MAIN UNIT

TV Receiving System		PAL M/N, NTSC-M
AV Colour System		NTSC3,58 , NTSC4.43 , PAL4.43 , PAL M/N
Channel Coverage	**VHF**	2-13
	UHF	14-69
	CATV	2-13, a-w,w+1~W+84, A-5~A-1, 5A
Tuning system		181 Channels Frequency synthesized tuning system
Channel Access		Direct Access Keyboard Channel Up/Down
Language of OSD		English, Spanish, French and Portuguese
Antenna Input		VHF/UHF/CATV 75OHM Unbalanced (F-Type)
CRT Size		740MM
Video Input/Output		75-ohm 1.0Vp-p, RCA
Audio Input		10k ohm 0.5 Vrms, high impedance
Audio Output		1k ohm 0.5 Vrms
Audio Output Power		≥ 6W+6W
Operating Voltage		110-240V~, 50/60Hz
Power Consumption		130W
Dimensions		784X578X525 MM
Net Weight		43kg

INFRA-RED REMOTE CONTROL

Features	Full Function Remote Control
Effective Distance Power	8 meters
Power Supply	DC 3V (two batteries, size AAA)

Product is subjected to change without notice.

PART NO.	SEPC	SINGLE QTY	LOCATION
11-0BC337-0BX	TRANSISTOR (NPN) BC337-40	1	Q1501
13-00AS12-13B	IC AS1213B	1	IC1501
14-IRE05B-XX0	IR EMITTING DIODE TSAL6200	1	D1501
18-CB0221-JNX	RES. C.F. 220 OHM 1/6W +/-5%	1	R1502
18-CB0229-JNX	RES. C.F. 2.2 OHM 1/6W +/-5%	1	R1501
25-HBB479-M1X	CAP. ELEC 4.7 UF 10V +/-20%	1	C1504
26-EBP101-JCS	CAP. CER 100 PF 50V +/-5%	1	C1501
26-EBP101-JCS	CAP. CER 100 PF 50V +/-5%	1	C1502
26-EBP104-ZFS	CAP. CER 0.1UF 50V +80%/-20%	1	C1503
40-U0CASR-RMB1X	P.C.B. REMOTE HANDSET BD	1	
41-WJ0120-B00	WIRE BARE JUMPER 12MM	1	J1501
45-C0S455-KY1	CERAMIC RESONATOR 455KHZ	1	X1501
49-HS36R1-00X9A	RUBBER PAD KEYS	1	
55-HS36RB-1HA5F	LOWER CASE - REMOTE HANDSET	1	
55-HS36RD-0HA5F	BATT. DOOR - REMOTE HANDSET	1	
55-HS36RT-1HA9F	UPPER CASE - REMOTE HANDSET	1	
58-HS36R2-2UI9A	INLAY REMOTE HANDSET	1	
67-X38064-0E2	BATTERY SPRING (+/-)	1	
67-X38065-0E2	BATTERY SPRING (+)	1	
67-X38066-0E2	BATTERY SPRING (-)	1	
74-007026-60C	POLYBAG (70MMX260MMX0.06MM)	1	
10-0FR104-FBX	DIODE FR104 (FAST RECTIFIER)	1	D412
10-0FR104-FBX	DIODE FR104 (FAST RECTIFIER)	1	D441
10-0FR104-FBX	DIODE FR104 (FAST RECTIFIER)	1	D432
10-0FR104-FBX	DIODE FR104 (FAST RECTIFIER)	1	D431
10-0FR104-FBX	DIODE FR104 (FAST RECTIFIER)	1	D421
10-1N4001-EBX	DIODE 1N4001 (RECTIFIER)	1	D301
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D310
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D215
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D214
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D212
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D211
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D206
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D205
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D204
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D203
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D202
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D410
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D601
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D602
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D603
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D604
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	R212
10-79C3V9-DBX	DIODE ZENER 3V9 1/2W 5%	1	D213
10-79C6V2-DBX	DIODE ZENER 6V2 1/2W 5%	1	D207
10-79C8V2-DBX	DIODE ZENER 8V2 1/2W 5%	1	D303
10-HS5V1B-DBX	DIODE 500MW 5.1HSB	1	D001
11-C124ES-0BX	TRANSISTOR PDTC124ES (NPN)	1	Q209
11-C124ES-0BX	TRANSISTOR PDTC124ES (NPN)	1	Q918
11-C124ES-0BX	TRANSISTOR PDTC124ES (NPN)	1	Q919
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q601
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q916
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q413
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q412
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q008
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q915
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q912
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q903
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q904
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q911
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q913
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q914
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q917

11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q003
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q007
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q203
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q204
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q402
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q901
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q902
11-SC2482-0BX	TRANSISTOR 2SC2482	1	Q401
11-SC3779-DBX	TRANSISTOR 2SC3779D (RF AMPL)	1	Q101
18-CB0100-JNX	RES. C.F. 10 OHM 1/6W +/-5%	1	R244
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R101A
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R232
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R101
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R234
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R245
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R920
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R937
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R453
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R601
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R904
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R032
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R033
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R003
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R934A
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R936
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R948
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R912
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R924
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R925
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R926
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R917
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R916
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R913
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R929
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R932
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R932A
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R934
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R248
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R239
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R031
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R004
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R906
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R910
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R911
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R619
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R618
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R314
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R310
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R228
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R213
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R209
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R043
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R034
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R026
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R025
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R006
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R944
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R945
18-CB0104-JNX	RES. C.F. 100K OHM 1/6W +/-5%	1	R222
18-CB0104-JNX	RES. C.F. 100K OHM 1/6W +/-5%	1	R223
18-CB0104-JNX	RES. C.F. 100K OHM 1/6W +/-5%	1	R254
18-CB0104-JNX	RES. C.F. 100K OHM 1/6W +/-5%	1	R947
18-CB0121-JNX	RES. C.F. 120 OHM 1/6W +/-5%	1	R235
18-CB0122-JNX	RES. C.F. 1.2K OHM 1/6W +/-5%	1	R420A

18-CB0122-JNX	RES. C.F. 1.2K OHM 1/6W +/-5%	1	R946
18-CB0122-JNX	RES. C.F. 1.2K OHM 1/6W +/-5%	1	R262
18-CB0123-JNX	RES. C.F. 12K OHM 1/6W +/-5%	1	R938
18-CB0151-JNX	RES. C.F. 150 OHM 1/6W +/-5%	1	R102
18-CB0151-JNX	RES. C.F. 150 OHM 1/6W +/-5%	1	R108
18-CB0151-JNX	RES. C.F. 150 OHM 1/6W +/-5%	1	R258
18-CB0152-JNX	RES. C.F. 1.5K OHM 1/6W +/-5%	1	R302A
18-CB0153-JNX	RES. C.F. 15K OHM 1/6W +/-5%	1	R933
18-CB0201-JNX	RES. C.F. 200 OHM 1/6W +/-5%	1	R235A
18-CB0220-JNX	RES. C.F. 22 OHM 1/6W +/-5%	1	R104
18-CB0221-JNX	RES. C.F. 220 OHM 1/6W +/-5%	1	R931
18-CB0221-JNX	RES. C.F. 220 OHM 1/6W +/-5%	1	R930
18-CB0221-JNX	RES. C.F. 220 OHM 1/6W +/-5%	1	R401
18-CB0222-JNX	RES. C.F. 2.2K OHM 1/6W +/-5%	1	R946A
18-CB0222-JNX	RES. C.F. 2.2K OHM 1/6W +/-5%	1	R942
18-CB0222-JNX	RES. C.F. 2.2K OHM 1/6W +/-5%	1	R616
18-CB0222-JNX	RES. C.F. 2.2K OHM 1/6W +/-5%	1	R417
18-CB0222-JNX	RES. C.F. 2.2K OHM 1/6W +/-5%	1	R044
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R954
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R953
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R952
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R005
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R255
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R617
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R951
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R935
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R905
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R903
18-CB0224-JNX	RES. C.F. 220K OHM 1/6W +/-5%	1	R220
18-CB0271-JNX	RES. C.F. 270 OHM 1/6W +/-5%	1	R214
18-CB0271-JNX	RES. C.F. 270 OHM 1/6W +/-5%	1	R227
18-CB0271-JNX	RES. C.F. 270 OHM 1/6W +/-5%	1	R216
18-CB0271-JNX	RES. C.F. 270 OHM 1/6W +/-5%	1	R215
18-CB0271-JNX	RES. C.F. 270 OHM 1/6W +/-5%	1	R241
18-CB0272-JNX	RES. C.F. 2.7K OHM 1/6W +/-5%	1	R412
18-CB0303-JNX	RES. C.F. 30K OHM 1/6W +/-5%	1	R219
18-CB0331-JNX	RES. C.F. 330 OHM 1/6W +/-5%	1	R247
18-CB0331-JNX	RES. C.F. 330 OHM 1/6W +/-5%	1	R233
18-CB0331-JNX	RES. C.F. 330 OHM 1/6W +/-5%	1	R225
18-CB0332-JNX	RES. C.F. 3.3K OHM 1/6W +/-5%	1	R233A
18-CB0333-JNX	RES. C.F. 33K OHM 1/6W +/-5%	1	R614
18-CB0333-JNX	RES. C.F. 33K OHM 1/6W +/-5%	1	R613
18-CB0333-JNX	RES. C.F. 33K OHM 1/6W +/-5%	1	R230
18-CB0333-JNX	RES. C.F. 33K OHM 1/6W +/-5%	1	R231
18-CB0392-JNX	RES. C.F. 3.9K OHM 1/6W +/-5%	1	R007
18-CB0392-JNX	RES. C.F. 3.9K OHM 1/6W +/-5%	1	R008
18-CB0394-JNX	RES. C.F. 390K OHM 1/6W +/-5%	1	R939
18-CB0470-JNX	RES. C.F. 47 OHM 1/6W +/-5%	1	R024
18-CB0471-JNX	RES. C.F. 470 OHM 1/6W +/-5%	1	R036
18-CB0471-JNX	RES. C.F. 470 OHM 1/6W +/-5%	1	R238
18-CB0471-JNX	RES. C.F. 470 OHM 1/6W +/-5%	1	R103
18-CB0472-JNX	CARBON RES. C.F. 4.7K OHM 1/6W +/-5%	1	R416
18-CB0472-JNX	CARBON RES. C.F. 4.7K OHM 1/6W +/-5%	1	R010
18-CB0472-JNX	CARBON RES. C.F. 4.7K OHM 1/6W +/-5%	1	R211
18-CB0472-JNX	CARBON RES. C.F. 4.7K OHM 1/6W +/-5%	1	R257
18-CB0473-JNX	RES. C.F. 47K OHM 1/6W +/-5%	1	R229
18-CB0560-JNX	RES. C.F. 56 OHM 1/6W +/-5%	1	R107
18-CB0562-JNX	RES. C.F. 5.6K OHM 1/6W +/-5%	1	R418
18-CB0562-JNX	RES. C.F. 5.6K OHM 1/6W +/-5%	1	R256
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1	R940
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1	R106
18-CB0682-JNX	RES. C.F. 6.8K OHM 1/6W +/-5%	1	R432
18-CB0683-JNX	RES. C.F. 68K OHM 1/6W +/-5%	1	R941
18-CB0750-JNX	RES. C.F. 75 OHM 1/6W +/-5%	1	R923

18-CB0820-JNX	RES. C.F. 82 OHM 1/6W +/-5%	1 R908
18-CB0820-JNX	RES. C.F. 82 OHM 1/6W +/-5%	1 R902
18-CB0822-JNX	RES. C.F. 8.2K OHM 1/6W +/-5%	1 R246
18-CB0822-JNX	RES. C.F. 8.2K OHM 1/6W +/-5%	1 R420
18-CB0829-JNX	RES. C.F. 8.2 OHM 1/6W +/-5%	1 R610
18-CB0829-JNX	RES. C.F. 8.2 OHM 1/6W +/-5%	1 R621
18-CD0479-JNX	RES. C.F. 4.7 OHM 1/4W +/-5%	1 R030
18-CE0103-JNX	RES. C.F. 10K OHM 1/2W +/-5%	1 R316
18-DB0222-FNX	RES. M.F 2.2K OHM 1/6W +/-1%	1 R302
18-DB0363-FNX	RES.M.F 36K OHM 1/6W +/-1%	1 R303
18-DD0103-FNX	RES. M.F. 10K OHM 1/4W +/-1%	1 R311
18-DD0183-FNX	RES. M.F. 18K OHM 1/4W +/-1%	1 R312
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C928
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C927
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C924
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C910
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C021
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C025
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C028
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C033
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C041
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C209
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C228
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C619
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C620
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C904
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C905
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1 C909
25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	1 C930
25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	1 C914
25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	1 C912
25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	1 C233
25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	1 C219
25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	1 C245
25-BCB220-M1X	CAP. ELEC 22 UF 16V +/-20%	1 C304
25-BCB220-M1X	CAP. ELEC 22 UF 16V +/-20%	1 C645
25-BCB221-M1X	CAP. ELEC 220 UF 16V +/-20%	1 C646
25-BCB221-M1X	CAP. ELEC 220 UF 16V +/-20%	1 C926
25-BCB221-M1X	CAP. ELEC 220 UF 16V +/-20%	1 C210
25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	1 C908
25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	1 C903
25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	1 C644
25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	1 C229
25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	1 C213
25-BDB100-M1X	CAP. ELEC 10 UF 25V +/-20%	1 C641
25-BEB101-M1X	CAP. ELEC 100 UF 35V +/-20%	1 C302
25-BFB100-M1X	CAP. ELEC 10 UF 50V +/-20%	1 C237
25-BFB101-M1X	CAP. ELEC 100 UF 50V +/-20%	1 C224
25-BFB101-M1X	CAP. ELEC 100 UF 50V +/-20%	1 C105
25-BFB108-M1X	CAP. ELEC 0.1 UF 50V +/-20%	1 C211
25-BFB109-M1X	CAP. ELEC 1 UF 50V +/-20%	1 C218
25-BFB109-M1X	CAP. ELEC 1 UF 50V +/-20%	1 C221
25-BFB109-M1X	CAP. ELEC 1 UF 50V +/-20%	1 C241
25-BFB109-M1X	CAP. ELEC 1 UF 50V +/-20%	1 C243
25-BFB109-M1X	CAP. ELEC 1 UF 50V +/-20%	1 C248
25-BFB470-M1X	CAP. ELEC 47 UF 50V +/-20%	1 C250
25-BFB478-M1X	CAP. ELEC 0.47 UF 50V +/-20%	1 C923
25-BFB478-M1X	CAP. ELEC 0.47 UF 50V +/-20%	1 C227
25-BFB479-M1X	CAP. ELEC 4.7 UF 50V +/-20%	1 C223
25-BFB479-M1X	CAP. ELEC 4.7 UF 50V +/-20%	1 C101
25-BFB479-M1X	CAP. ELEC 4.7 UF 50V +/-20%	1 C251
25-BJB479-M1X	CAP. ELEC 4.7 UF 160V +/-20%	1 C401
25-MFB228-K1X	CAP.ELEC 0.22UF 50V +/-10%	1 C216
25-MFB478-K1X	CAP.ELEC 50V 0.47UF +/-10%	1 C246

26-AIC221-KBX	CAP. CER 220 PF 500V +/-10% B	1	C441
26-AIC221-KBX	CAP. CER 220 PF 500V +/-10% B	1	C433
26-AIC332-KBX	CAP. CER 3300 PF 500V +/-10% B	1	C402
26-AIC391-KBX	CAP. CER 390 PF 500V +/-10% B	1	C403
26-EBP102-KBS	CAP. CER 1000 PF 50V +/-20%	1	C916
26-EBP102-KBS	CAP. CER 1000 PF 50V +/-20%	1	C226
26-EBP102-KBS	CAP. CER 1000 PF 50V +/-20%	1	C109
26-EBP102-KBS	CAP. CER 1000 PF 50V +/-20%	1	C915
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C929
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C107
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C108
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C214
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C220
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C225
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C234
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C236
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C244
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C280
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C281
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C418
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C633
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C643
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C911
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C913
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C106
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C043
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C034
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C029
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C027
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C026
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C022
26-EBP104-ZFX	CAP. CER 0.1UF 50V +80%/-20%	1	C230
26-EBP152-KBS	CAP. CER 1500PF 50V +/-10%	1	C002
26-EBP181-JCS	CAP. CER 180 PF 50V +/-5%	1	C922
26-EBP221-JCS	CAP. CER 220 PF 50V +/-5%	1	C030
26-EBP221-JCS	CAP. CER 220 PF 50V +/-5%	1	C431
26-EBP222-KBS	CAP. CER 2.2 NF 50V +/-10%	1	C231
26-EBP222-KBS	CAP. CER 2.2 NF 50V +/-10%	1	C217
26-EBP270-JCS	CAP. CER 27 PF 50V +/-5%	1	C008
26-EBP272-KBS	CAP. CER 2700PF 50V +/-10%	1	C003
26-EBP330-JCS	CAP. CER 33PF 50V +/-5%	1	C925
26-EBP390-JCS	CAP. CER 39PF 50V +/-5%	1	C031
26-EBP390-JCS	CAP. CER 39PF 50V +/-5%	1	C032
26-EBP470-JCS	CAP. CER 47 PF 50V +/-5%	1	C254
26-EBP470-JCS	CAP. CER 47 PF 50V +/-5%	1	C253
26-EBP471-JCS	CAP. CER 470 PF 50V +/-5%	1	C239
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C238
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C242
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C631
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C634
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C642
27-MBC222-J0X	CAP. M.P.E 0.0022UF 63V +/-5%	1	C311
27-MBC224-J0X	CAP. M.P.E 0.22UF 63V +/-5%	1	C309
27-MBC684-J0X	CAP. M.P.E 0.68UF 63V +/-5%	1	C305
27-PBC102-J0X	CAP. P.E 0.001UF 63V +/-5%	1	C638
27-PBC102-J0X	CAP. P.E 0.001UF 63V +/-5%	1	C635
27-PBC822-J0X	CAP. P.E 0.0082UF 63V +/-5%	1	C247
34-A109K0-1IX	COIL CHOKE 1 UH +/-10%	1	L102
34-R100J2-0EX	COIL PL - 10 UH +/-5%	1	L212
34-R100J2-0EX	COIL PL - 10 UH +/-5%	1	L002
34-R220J2-0EX	COIL PL - 22 UH +/-5%	1	L208
34-R220J2-0EX	COIL PL - 22 UH +/-5%	1	L206
34-R220J2-0EX	COIL PL - 22 UH +/-5%	1	L205
34-R220J2-0EX	COIL PL - 22 UH +/-5%	1	L204

34-R220J2-0EX	COIL PL - 22 UH +/-5%	1	L950
34-R470J2-0EX	COIL PL - 47 UH +/-5%	1	L101
34-R829J2-0EX	COIL PL - 8.2 UH +/-5%	1	L209
40-2918T6-MAG1X	P.C.B MAIN BD	1	
41-WJ0050-B00	WIRE BARE JUMPER 5MM	1	L201
41-WJ0050-B00	WIRE BARE JUMPER 5MM	1	L301
41-WJ0050-B00	WIRE BARE JUMPER 5MM	1	J220A
41-WJ0050-B00	WIRE BARE JUMPER 5MM	1	J026
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J108
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J107
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J104
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J220
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J222
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J301
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J306
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J901
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J921
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J605
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J935
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J903
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J603
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J221
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J204
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J103
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J039A
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J039
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J038
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J037
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J946
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	R027
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	R028
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	R226
41-WJ0070-B00	WIRE BARE JUMPER 7MM	1	J904
41-WJ0070-B00	WIRE BARE JUMPER 7MM	1	J205
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J612
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J922
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J937
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J930
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J610
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J609
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J312
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J307
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J229
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J035
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J033
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J031
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	D311
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J027
41-WJ0080-B00	WIRE BARE JUMPER 8 MM	1	J623
41-WJ0080-B00	WIRE BARE JUMPER 8 MM	1	J917
41-WJ0080-B00	WIRE BARE JUMPER 8 MM	1	J303
41-WJ0080-B00	WIRE BARE JUMPER 8 MM	1	J304
41-WJ0080-B00	WIRE BARE JUMPER 8 MM	1	J032
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J206
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J203
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J905
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J202
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	D261
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J907
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J924
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J936
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J945
41-WJ0090-B00	WIRE BARE JUMPER 9MM	1	J309
41-WJ0095-B00	WIRE BARE JUMPER 9.5MM	1	J105

41-WJ0095-B00	WIRE BARE JUMPER 9.5MM	1 J614
41-WJ0095-B00	WIRE BARE JUMPER 9.5MM	1 J106
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J001
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J934
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J933
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J932
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J916
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J906
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J602
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J406
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1 J002
41-WJ0105-B00	WIRE BARE JUMPER 10.5MM	1 J214A
41-WJ0105-B00	WIRE BARE JUMPER 10.5MM	1 J018
41-WJ0105-B00	WIRE BARE JUMPER 10.5MM	1 J607
41-WJ0105-B00	WIRE BARE JUMPER 10.5MM	1 J608
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J228
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J028
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J042
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J613
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J919
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J927
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J024
41-WJ0115-B00	WIRE BARE JUMPER 11.5MM	1 J034
41-WJ0115-B00	WIRE BARE JUMPER 11.5MM	1 J912
41-WJ0115-B00	WIRE BARE JUMPER 11.5MM	1 J939
41-WJ0120-B00	WIRE BARE JUMPER 12MM	1 J023
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J004
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J109
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J212
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J213
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J231
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J305
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J404
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J601
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J617
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J618
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J929
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 R308
41-WJ0130-B00	WIRE BARE JUMPER 13MM	1 J616
41-WJ0130-B00	WIRE BARE JUMPER 13MM	1 J918
41-WJ0130-B00	WIRE BARE JUMPER 13MM	1 J920
41-WJ0130-B00	WIRE BARE JUMPER 13MM	1 J615
41-WJ0130-B00	WIRE BARE JUMPER 13MM	1 J005
41-WJ0130-B00	WIRE BARE JUMPER 13MM	1 J931
41-WJ0135-B00	WIRE BARE JUMPER 13.5MM	1 J030
41-WJ0135-B00	WIRE BARE JUMPER 13.5MM	1 J909
41-WJ0135-B00	WIRE BARE JUMPER 13.5MM	1 J910
41-WJ0140-B00	WIRE BARE JUMPER 14MM	1 J302
41-WJ0140-B00	WIRE BARE JUMPER 14MM	1 J226
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J020
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J224
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J613A
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J619
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J620
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J621
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 L412
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 L411
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J938
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J019
41-WJ0160-B00	WIRE BARE JUMPER 16MM	1 J214
41-WJ0160-B00	WIRE BARE JUMPER 16MM	1 J208
41-WJ0165-B00	WIRE BARE JUMPER 16.5MM	1 J009
41-WJ0165-B00	WIRE BARE JUMPER 16.5MM	1 J029
41-WJ0165-B00	WIRE BARE JUMPER 16.5MM	1 J225

41-WJ0175-B00	WIRE BARE JUMPER 17.5MM	1	J915
41-WJ0185-B00	WIRE BARE JUMPER 18.5MM	1	J606
41-WJ0190-B00	WIRE BARE JUMPER 19MM	1	J218
41-WJ0190-B00	WIRE BARE JUMPER 19MM	1	J219
41-WJ0190-B00	WIRE BARE JUMPER 19MM	1	J926
41-WJ0190-B00	WIRE BARE JUMPER 19MM	1	J914
41-WJ0190-B00	WIRE BARE JUMPER 19MM	1	J913
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J012
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J013
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J011
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J010
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J230
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J014
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J211
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J215
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J216
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J217
41-WJ0200-B00	WIRE BARE JUMPER 20MM	1	J604
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2	FOR C419(1,2)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2	FOR C413(1,2)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2	FOR L413
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2	FOR L414
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	3	FOR Q411
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	10	FOR T402(1,2,4,5,6,7,8,9,10,11)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2	FOR C411(1,2)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2	FOR C412(1,2)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2	FOR C414(1,2)
66-382330-0B7	RIVET 2.0X3.7X3.5	2	FOR R404
66-382330-0B7	RIVET 2.0X3.7X3.5	2	FOR Q414
66-382330-0B7	RIVET 2.0X3.7X3.5	2	FOR IC602
10-0001H8-FBX	DIODE 1H8 (FAST RECOVERY)	1	D851
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D808
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	D807
11-C144ES-0BX	TRANSISTOR PDTC144ES (NPN)	1	Q804
11-C144ES-0BX	TRANSISTOR PDTC144ES (NPN)	1	Q803
13-000TL4-31T	IC TL431ACLP	1	IC803
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R813
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R833
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R807
18-CB0104-JNX	RES. C.F. 100K OHM 1/6W +/-5%	1	R834A
18-CB0123-JNX	RES. C.F. 12K OHM 1/6W +/-5%	1	R805
18-CB0182-JNX	RES. C.F. 1.8K OHM 1/6W +/-5%	1	R841
18-CB0221-JNX	RES. C.F. 220 OHM 1/6W +/-5%	1	R809
18-CB0222-JNX	RES. C.F. 2.2K OHM 1/6W +/-5%	1	R839
18-CB0303-JNX	RES. C.F. 30K OHM 1/6W +/-5%	1	R808
18-CB0333-JNX	RES. C.F. 33K OHM 1/6W +/-5%	1	R837
18-CB0333-JNX	RES. C.F. 33K OHM 1/6W +/-5%	1	R806
18-CB0513-JNX	RES. C.F. 51K OHM 1/6W +/-5%	1	R804
18-CD0102-JNX	RES. C.F. 1K OHM 1/4W +/-5%	1	R811
18-CD0221-JNX	RES. C.F. 220 OHM 1/4W +/-5%	1	R838
18-CD0470-JNX	RES. C.F. 47 OHM 1/4W +/-5%	1	R808A
18-CD0470-JNX	RES. C.F. 47 OHM 1/4W +/-5%	1	R810
18-CE0332-JNX	RES. C.F. 3.3K OHM 1/2W +/-5%	1	R843
18-FE0124-JNX	RES. M.O. 120K OHM 1/2W +/-5%	1	R840
18-KE0105-JN3	RES. H.VOLT. CC 1M OHM 1/2W +/-5%	1	R801
18-KE0105-JN3	RES. H.VOLT. CC 1M OHM 1/2W +/-5%	1	R808B
18-KE0105-JN3	RES. H.VOLT. CC 1M OHM 1/2W +/-5%	1	R802
18-KE0475-JNX	RES. GLASS GLAZE 4.7M OHM 1/2W +/-5%	1	R803
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1	C836A
25-BCB101-M1X	CAP. ELEC 100 UF 16V +/-20%	1	C845A
25-BDB101-M1X	CAP. ELEC 100 UF 25V +/-20%	1	C816
25-BDB470-M1X	CAP. ELEC 47 UF 25V +/-20%	1	C840
26-ABC104-ZFX	CAP. CER 0.1 UF 50V +80-20% F	1	C846A
26-ABC104-ZFX	CAP. CER 0.1 UF 50V +80-20% F	1	C838A

26-ABC182-KBX	CAP CER 1800 PF 50V +/-10% B	1 C810
26-ABC681-JZX	CAP. CER 680 PF 50V +/-5% SL	1 C815
26-AIC221-KBX	CAP. CER 220 PF 500V +/-10% B	1 C832
26-AIC221-KBX	CAP. CER 220 PF 500V +/-10% B	1 C833
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1 C811
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1 C812
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1 C816A
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1 C841
26-EBP104-ZFS	CAP. CER 0.1UF 50V +80%/-20%	1 C839A
26-EBP331-JCS	CAP. CER 330PF 50V +/-5%	1 C813
26-EBP560-JCS	CAP. CEP 56PF 50V +/-5%	1 C814
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1 J830
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1 J824
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1 J823
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1 J809
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1 J822
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1 J802A
41-WJ0105-B00	WIRE BARE JUMPER 10.5MM	1 J814
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J815
41-WJ0110-B00	WIRE BARE JUMPER 11MM	1 J817
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J819
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J812
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1 J811
41-WJ0135-B00	WIRE BARE JUMPER 13.5MM	1 J805
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J807
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1 J820
41-WJ0175-B00	WIRE BARE JUMPER 17.5MM	1 J813
41-WJ0175-B00	WIRE BARE JUMPER 17.5MM	1 J816
41-WJ0175-B00	WIRE BARE JUMPER 17.5MM	1 J808
41-WJ0180-B00	WIRE BARE JUMPER 18MM	1 J806
41-WJ0195-B00	WIRE BARE JUMPER 19.5MM	1 J810
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2 FOR C801(1,2)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2 FOR C835(1,2)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2 FOR D832
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	2 FOR L824
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	3 FOR RT801
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	6 FOR T803(1,9,7,10,12,18)
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	4 FOR DB801
66-343730-0B0	HOLLOW RIVET 1.6MMX3.0MMX3.2MM	3 FOR T801(1,2,3)
66-382330-0B7	RIVET 2.0X3.7X3.5	2 FOR C806
66-382330-0B7	RIVET 2.0X3.7X3.5	2 FOR IC804
66-382330-0B7	RIVET 2.0X3.7X3.5	2 FOR IC805
66-382330-0B7	RIVET 2.0X3.7X3.5	2 FOR P803
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1 D501
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1 D502
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1 L501
11-A562TM-0BX	TRANSISTOR 2SA562TM-0	1 Q507
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1 Q506
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1 Q504
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1 Q502
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1 R515
18-CB0272-JNX	RES. C.F. 2.7K OHM 1/6W +/-5%	1 R514
18-CB0561-JNX	RES. C.F. 560 OHM 1/6W +/-5%	1 R505
18-CB0561-JNX	RES. C.F. 560 OHM 1/6W +/-5%	1 R510
18-CB0561-JNX	RES. C.F. 560 OHM 1/6W +/-5%	1 R501
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R508
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R506
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R511
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R502
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R509
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R503
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R522
18-CB0681-JNX	RES. C.F. 680 OHM 1/6W +/-5%	1 R513
18-FE0272-JNX	RES. M.O. 2.7K OHM 1/2W +/-5%	1 R519

18-FE0272-JNX	RES. M.O. 2.7K OHM 1/2W +/-5%	1	R521
25-BCB471-M1X	CAP. ELEC 470 UF 16V +/-20%	1	C506
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C509
26-EBP391-JCS	CAP. CER 390PF 50V +/-5%	1	C501
26-EBP471-JCS	CAP. CER 470 PF 50V +/-5%	1	C502
26-EBP471-JCS	CAP. CER 470 PF 50V +/-5%	1	C503
40-02501C-CRI1X	P.C.B. CRT BD	1	
41-WJ0050-B00	WIRE BARE JUMPER 5MM	1	L502
41-WJ0050-B00	WIRE BARE JUMPER 5MM	1	L504
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	R507
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	R504
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	R512
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J503
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	R1011, '+' TO IC1001 PIN4
11-SC1815-YBX	TRANSISTOR 2SC1815-Y (NPN)	1	Q1003
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R1001
18-CB0101-JNX	RES. C.F. 100 OHM 1/6W +/-5%	1	R1002
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R1023
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R1022
18-CB0104-JNX	RES. C.F. 100K OHM 1/6W +/-5%	1	R1004
18-CB0152-JNX	RES. C.F. 1.5K OHM 1/6W +/-5%	1	R1007
18-CB0332-JNX	RES. C.F. 3.3K OHM 1/6W +/-5%	1	R1005
18-CB0470-JNX	RES. C.F. 47 OHM 1/6W +/-5%	1	R1006
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1	C1016
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1	C1015
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1	C1014
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1	C1013
25-BCB100-M1X	CAP. ELEC 10 UF 16V +/-20%	1	C1009
25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	1	C1019
25-BFB339-M1X	CAP. ELEC 3.3 UF 50V +/-20%	1	C1010
26-ABC339-CZX	CAP. CER 3.3 PF 50V +/-0.25 SL	1	C1002
26-ABC339-CZX	CAP. CER 3.3 PF 50V +/-0.25 SL	1	C1001
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C1038
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C1037
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C1034
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C1031
26-EBP152-KBS	CAP. CER 1500PF 50V +/-10%	1	C1012
26-EBP220-JCS	CAP. CER 22 PF 50V +/-5%	1	C1035
26-EBP220-JCS	CAP. CER 22 PF 50V +/-5%	1	C1036
26-EBP471-JCS	CAP. CER 470 PF 50V +/-5%	1	C1025
26-EBP560-JZX	CAP. CER 56PF 50V +/-5% SL TUBE	1	C1004
26-EBP560-JZX	CAP. CER 56PF 50V +/-5% SL TUBE	1	C1005
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C1023
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C1024
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C1018
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C1011
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C1006
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C1008
27-MBC474-J0X	CAP. M.P.E 0.47UF 63V +/-5%	1	C1017
34-A220K0-1IX	COIL PL - 22UH +/-10% LGA0305-220K	1	J1005
34-A220K0-1IX	COIL PL - 22UH +/-10% LGA0305-220K	1	L1001
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	J1008
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J1009
41-WJ0080-B00	WIRE BARE JUMPER 8 MM	1	J1010
41-WJ0085-B00	WIRE BARE JUMPER 8.5MM	1	J1006
41-WJ0125-B00	WIRE BARE JUMPER 12.5MM	1	J1007
41-WJ0145-B00	WIRE BARE JUMPER 14.5MM	1	J1002
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1	J1001
41-WJ0175-B00	WIRE BARE JUMPER 17.5MM	1	J1004
40-2513MT-SIF	P.C.B. SIDE AV BD	1	
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1	J984
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1	J986
18-CB0152-JNX	RES. C.F. 1.5K OHM 1/6W +/-5%	1	R026
18-CB0182-JNX	RES. C.F. 1.8K OHM 1/6W +/-5%	1	R025A

18-CB0272-JNX	RES. C.F. 2.7K OHM 1/6W +/-5%	1	R024
18-CB0432-JNX	RES. C.F. 4.3K OHM 1/6W +/-5%	1	R023
18-CB0622-JNX	RES. C.F. 6.2K OHM 1/6W +/-5%	1	R022
40-21E09H-KEA1X	P.C.B. KEY BD	1	
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J001
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R036A
18-CB0103-JNX	RES. C.F. 10K OHM 1/6W +/-5%	1	R001
18-CB0153-JNX	RES. C.F. 15K OHM 1/6W +/-5%	1	R413
18-CB0183-JNX	RES. C.F. 18K OHM 1/6W +/-5%	1	R612
18-CB0183-JNX	RES. C.F. 18K OHM 1/6W +/-5%	1	R615
18-CB0472-JNX	CARBON RES. C.F. 4.7K OHM 1/6W +/-5%	1	C212
18-CB0473-JNX	RES. C.F. 47K OHM 1/6W +/-5%	1	R414
18-CB0562-JNX	RES. C.F. 5.6K OHM 1/6W +/-5%	1	R315
18-CB0820-JNX	RES. C.F. 82 OHM 1/6W +/-5%	1	R901
25-BCB330-M1X	CAP. ELEC 33 UF 16V +/-20%	1	C235
26-EBP102-KBS	CAP. CER 1000 PF 50V +/-20%	1	C306
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C902
27-PBC102-J0X	CAP. P.E 0.001UF 63V +/-5%	1	C637
27-PBC102-J0X	CAP. P.E 0.001UF 63V +/-5%	1	C640
27-PBC154-J0X	CAP. P.E. 0.15 UF 63V +/-5%	1	C639
27-PBC154-J0X	CAP. P.E. 0.15 UF 63V +/-5%	1	C636
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J310
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	R242
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	JP902
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	R915
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	R914
41-WJ0065-B00	WIRE BARE JUMPER 6.5MM	1	R243
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	J405
41-WJ0075-B00	WIRE BARE JUMPER 7.5MM	1	JP901
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1	J804
41-WJ0100-B00	WIRE BARE JUMPER 10MM	1	J803
18-CB0102-JNX	RES. C.F. 1K OHM 1/6W +/-5%	1	R004
18-CB0124-JNX	RES. C.F. 120K OHM 1/6W +/-5%	1	R027C
18-CB0223-JNX	RES. C.F. 22K OHM 1/6W +/-5%	1	R091
18-CB0470-JNX	RES. C.F. 47 OHM 1/6W +/-5%	1	R002
40-29E09E-SWC1X	P.C.B SWITCH BD	1	
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	R003
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J082
41-WJ0060-B00	WIRE BARE JUMPER 6MM	1	J081
41-WJ0090-B00	WIRE BARE JUMPER 9MM	1	J084
T8-HS36R1-M134	ASS'Y-REMOTEHANDSET(R)	1	
62-227680-0UA	BRACKET ABS-KINGFA 606 (U0)	1	
02-GND029-XX0	ASS"Y-CRT GND WIRE & HOUSE.(29)	1	
36-DEG290-XX2	DEGAUSSING COIL 3100MM	1	
42-61308F-XX2	SPEAKER 8 OHM 8W	1	SP602
42-61308F-XX2	SPEAKER 8 OHM 8W	1	SP601
44-29OFLW-TS4A	CRT A68AGA20X99	1	CRT01
46-14026H-02X	HS 2P 2468#22 570mm S11-2Y/7mm	1	P601H FOR M. BD P601
46-26514H-04X	HS 4P A/B 500/13 RBGW TJC1-4Y	1	P411H FOR D.Y COIL
46-27580H-02X	HS 2P22 600/7 F/W TJC3-2Y	1	P602H FOR M. BD P602
54-113970-0U0	PVC TUBE AWG NO.5	0.32	FOR SPK HOUSING
54-114000-00X	FELT TAPE (150MMX19MMX0.3MM)	9	
54-205140-000	SPACER CRT MOUNTING T=2MM	4	MTG CRT & FRONT CAB.
54-205140-000	SPACER CRT MOUNTING T=2MM	6	MTG CRT SUPPORT & F. CAB.
54-310140-000	SPONGE PAD 50.5X22	2	FOR HI-SPK
54-314740-0X0	CRT FIBRE SHEET (22MMX22MMX0.8MM)	8	
55-BE09FC-0CN9E	FRONT CABINET	1	
56-B192LE-0HC5Z	LENS	1	
56-DE09FB-0HA5C	PUSH BUTTON	1	
56-DE09PK-0HA5C	POWER KNOB	1	
57-10654X-00F	TWIST TIE NY66	13	
59-130460-00X	RUBBER PAD (25MMX7MM)	2	STICK ON F.CAB. (FOOTING)
59-312160-000	SPEAKER RUBBER CUSHION	8	FOR SPK
62-409950-0CN	CRT SUPPORT	2	

63-B40150-AB4	S/T SCREW B 4 X 15 AB	12	MTG CRT BKT & FRONT CAB.
63-W30080-AB4	S/T SCREW W 3 X 8 AB	1	MTG LENS & FRONT CAB.
63-W30100-AB4	S/T SCREW W 3 X 10 AB	2	MTG SIDE AV BD & F. CAB.
63-W30100-AB4	S/T SCREW W 3 X 10 AB	3	MTG PUSH BUTTON & FRONT CAB.
63-W30140-HS4	S/T SCREW W 3 X 14 HS	4	MTG SPK
63-Z30100-AB4	S/T SCREW 3.0 X 10	2	MTG PWR SW. BD
65-A60200-20E	WASHER 6 X 20 X 2MM	4	MTG CRT & FRONT CAB.
65-Z60100-50E	NUT M 6	4	MTG CRT
67-2960LG-0A09A	LOGO	1	
67-346620-0E0	CRT BRACKET	4	
67-X21679-0E0	SPRING CRT 6MMX50MMX0.6MM	2	
67-X34578-0E2	POWER KNOB SPRING	1	
51-DC0243-0CH01	POWER CORD VDE PLUG W/HOUSING	1	
62-227680-1UA	FBT BRACKET	1	
49-382380-BAT	BATTERY 7# (R03P AAA SUM-4)	2	
70-TCLSOC-WAR9A	WARRANTY CARD	1	
71-EBG510-161D3	LABEL SERIAL NO.	3	EBG510161D-0001起
71-TCLSOC-BAR9F	LABEL	2	
72-BE09S6-X039A	OPERATION MANUAL	1	
74-022032-6WE1A	POLYBAG	1	
74-130130-80H1A	POLYBAG	1	
75-BE09LL-CC0	POLYFOAM LL	1	
75-BE09LR-CC0	POLYFOAM LR	1	
75-BE09UL-CC0	POLYFOAM UL	1	
75-BE09UR-CC0	POLYFOAM UR	1	
76-421010-0AT9M	CARTON BOX	1	
55-B189RC-4CN5F	29189REARCABINET	1	
58-B189RI-4UI9C	INLAY REAR AV	1	
58-BE09MP-0UI9D	PLATE MODEL NO.	1	
58-D106SI-0UI9D	INLAY SIDE AV	1	
62-389620-0UD	POWER LINE BLOCK	1	
63-B40200-AB3	S/T SCREW B 4 X 20 AB	10	MTG FRONT & REAR CABINET
63-F30100-BT3	S/T SCREW F 3 X 10 BT	2	MTG RCA JACK & REAR CABINET
62-307210-0HA	KNOB ADAPTER	1	
10-0BY228-F0X	DIODE BY228	1	D411
11-2SA817-AAX	TRANSISTOR 2SA817AY	1	Q208
11-630MFP-0AX	TRANSISTOR IRF630MFP	1	Q414
13-000040-52P	IC 4052	1	IC901
13-00M24C-08P	IC EEPROM 8K M24C08 (WRITE)	1	IC001
13-STV817-2AS	IC STV8172A	1	IC301
18-EG0189-JHX	RES. FUS. 1.8 OHM 2W +/-5%	1	R461
18-FF0181-JGX	RES. M.O. 180 OHM 1W +/-5%	1	R309
18-FF0242-JGX	RES. M.O. 2.4K OHM 1W +/-5%	1	R402
18-FF0681-JGX	RES. M.O. 680 OHM 1W +/-5%	1	R419
18-FG0103-JHX	RES. M.O. 10K OHM 2W +/-5%	1	R421
18-FG0399-JHX	RES. M.O. 3.9 OHM 2W +/-5%	1	R415
18-GJ0472-JTX1	RES. CEMENT 4.7K OHM 5W +/-5%	1	R404
18-RG0109-JHX	RES. WIRE ROUND 1 OHM 2W +/-5%	1	R422
18-RG0228-JHX	RES. WIRE ROUND 0.22 OHM 2W +/-5%	1	R611
25-264610-M1X	CAP. ELEC 4.7UF 50V +/-20% NP	1	C415
25-BDA102-M1X	CAP. ELEC 1000 UF 25V +/-20%	1	C632
25-BDA222-M1S	CAP. ELEC 25V/2200UF/+/-20%	1	C432
25-BDA222-M1S	CAP. ELEC 25V/2200UF/+/-20%	1	C435
25-BEA221-M1X	CAP. ELEC 220 UF 35V +/-20%	1	C301
25-BEA221-M1X	CAP. ELEC 220 UF 35V +/-20%	1	C308
25-GLA100-M1X	CAP. ELEC 10 UF 250V +/-20%	1	C421
25-GLA220-M1X	CAP. ELEC 22UF 250V +/-20%	1	C442
27-AHR564-JSX	CAP.M.PP 400V 560NF +/-5%	1	C419
27-ALQ432-J0X	CAP. M.PP 0.0043UF 1.6KV +/-5%	1	C411
27-ALQ722-J0X	CAP. M.PP 7200 PF 1.6KV +/-5%	1	C412
27-ALQ722-J0X	CAP. M.PP 7200 PF 1.6KV +/-5%	1	C414
27-RHQ223-J0X	CAP. PP 0.022 UF 400V +/-5%	1	C413
27-RHQ563-J0X	CAP. PP 0.056 UF 400V +/-5%	1	C451
34-R101K2-1BX	COIL CHOKE 100 UH +/-10%	1	J622

36-HDR001-AX1	TRANSFOR HOR. DRIVE (MAGNETIC CORE)	1	T401
36-LIN180-XX1	COIL LINEARITY 18 UH	1	L414
36-WID601-XX1	COIL CHOKE 600 UH	1	L413
37-FCA001-EAA0C	FBT JF0501-21130	1	T402
41-DE0280-1BB	WIRE	1	FOR S1 TO S1
45-OSC8M0-0Y0	CRYSTAL 8.0MHZ	1	X001
45-TRA4M5-0Y0	CER TRAP TPS 4.5MHZ	1	X201
46-20598W-04X	PIN BASE *4 TJC1-4A	1	P411 FOR D.Y CONNECTOR
46-30615H-04X	HS 4P24 460 F/W TJC3-4Y/SCN-4	1	P421 FOR CRT BD P502
46-33079W-03X	PIN BASE *3 TJC3-3A	1	P002 P2 - P4 FOR W. BAL ADJUST
46-37030H-05X	HS 5P 2468#24 450 TJC3-5Y/SCN	1	P201 P1 - P5 FOR CRT BD P503
57-10654X-00F	TWIST TIE NY66	3	
64-P30080-104	M/C SCREW P 3 X 8	1	FOR Q414
64-P30080-104	M/C SCREW P 3 X 8	1	FOR Q411
64-P30080-104	M/C SCREW P 3 X 8	1	FOR IC301
64-P30100-104	M/C SCREW P 3 X 10	2	FOR IC602
65-Z30050-23M	NUT M 3	2	FOR IC301 & Q411
67-H27292-1A0	HEAT SINK	1	FOR Q414
67-H30147-1A0	HEAT SINK	1	FOR Q411
67-H30179-7A0	HEAT SINK	1	FOR IC301
67-H34423-BA0	HEAT SINK	1	FOR IC602
10-00RU4C-F0X	DIODE RU4C (FAST RECOVERY)	1	D831
10-0EU2YX-FBX	DIODE EU2YX (FAST RECOVERY)	1	D832
10-0RU4YX-F0X	DIODE GRU4YX (FAST RECOVERY)	1	D833
10-CW574C-DJX	DIODE CW574CD	1	D824
10-D3SB60-H7X	DIODE D3SB60 (BRIDGE RECT.)	1	DB801
11-P08P06-0AX	TRANSISTOR SPP08P06P	1	Q802
11-SK3451-0CX	TRANSISTOR 2SK3451-01MR	1	Q801
13-0HPC92-2BP	IC HPC922B	1	IC802
13-0L7805-CVS	+5V 1.5A IC L7805CV	1	IC805
13-0L7809-CVS	IC L7809 SGS (TO-220)	1	IC804
13-DA1684-62P	IC TDA16846-2(Q67040-S4494)	1	IC801
18-FG0104-JHX	RES. M.O. 100K OHM 2W +/-5%	1	R852
18-FG0104-JHX	RES. M.O. 100K OHM 2W +/-5%	1	R851
18-FG0221-JHX	RES. M.O. 220 OHM 2W +/-5%	1	R834
18-FG0330-JHX	RES. M.O. 33 OHM 2W +/-5%	1	R832
18-FG0822-JHX	RES. M.O. 8.2K OHM 2W +/-5%	1	R842
18-FH0223-JLX	RES. M.O. 22K OHM 3W +/-5%	1	R831
18-KF0825-JH3	RES. H.VOLT.CC 8.2M OHM 1W +/-5%	1	R835
20-TR102H-5CX	TRIMMER B1K HORIZ TYPE	1	VR821
22-NTC479-XX0	NTC 4.7 OHM +/-18% NTC4.7D2-14	1	RT802
22-PTC909-3A5	PTC 9 OHM	1	RT801
25-BCA102-M1X	CAP. ELEC 1000 UF 16V +/-20%	1	C842
25-BDA222-M1S	CAP. ELEC 25V/2200UF/+/-20%	1	C838
25-BJG221-M1X	CAP. ELEC 220 UF 160V +/-20%	1	C835
25-KEG222-M1X	CAP. ELEC 2200 UF 35V +/-20%	1	C839
25-KJG101-M1X	CAP. ELEC 100 UF 160V +/-20%	1	C824
26-AIM103-KBX	CAP. CER 0.01UF 500V +/-10% B	1	C807
26-AIM103-KBX	CAP. CER 0.01UF 500V +/-10% B	1	C825A
26-AMK221-JZX	CAP. CER 220PF 2KV +/-5% SL	1	C831
26-AMK221-JZX	CAP. CER 220PF 2KV +/-5% SL	1	C852
26-AMK331-JZX	CAP. CER 330 PF 2KV +/-5% SL	1	C834
26-AMM561-KDX	CAP. CER 560 pF 2KV +/-10% D	1	C817
26-APK102-ME4	CAP. CER 1000PF 400VAC+/-20% E	1	C804A
26-APK102-ME4	CAP. CER 1000PF 400VAC+/-20% E	1	C805A
26-APK222-ME4	CAP. CER 2200PF 400VAC+/-20% E	1	C830
26-AQK472-ZFX	CAP. CER 4700PF 250VAC +80% -20% F	1	C804
26-AQK472-ZFX	CAP. CER 4700PF 250VAC +80% -20% F	1	C805
27-AQQ683-K0X	CAP. M.PP 0.068 UF 250VAC +/-10%	1	C851
27-AQT224-MV3	CAP.M.PP 0.22UF 250VAV +/-20%	1	C801
27-MBC104-J0X	CAP. M.P.E 0.1 UF 63V +/-5%	1	C844
27-MBC224-J0X	CAP. M.P.E 0.22UF 63V +/-5%	1	C822
27-MBC224-J0X	CAP. M.P.E 0.22UF 63V +/-5%	1	C821
27-MHM104-K0X	CAP. M.P.E 0.1 UF 400V +/-10%	1	C803

27-PBC102-J0X	CAP. P.E 0.001UF 63V +/-5%	1	C850
34-R101K2-1BX	COIL CHOKE 100 UH +/-10%	1	L824
34-R101K2-1BX	COIL CHOKE 100 UH +/-10%	1	L825
35-139730-00X	FERR. BEAD BF60	2	FOR L801
35-139730-00X	FERR. BEAD BF60	2	FOR D832
35-237250-00X	FERR. BEAD HF70 4.5X5.0	2	FOR D833
35-237250-00X	FERR. BEAD HF70 4.5X5.0	2	FOR D831
36-LIF022-AX0	LINE FILTER	1	T801
36-TRF127-AX2	TRANSFORMER CONV. BCK-4922	1	T803
41-WJ0150-B00	WIRE BARE JUMPER 15MM	1	L801
46-10962W-02X	PIN BASE *2 TJC2-2A	1	P803 FOR DEGAUSSING COIL
64-P30060-104	M/C SCREW P 3 X 6	2	FOR IC804 & IC805
64-P30080-104	M/C SCREW P 3 X 8	1	FOR Q801
66-20516X-0B0	FUSE HOLDER	2	FOR F801
67-H27292-3A0	HEAT SINK	1	FOR IC805
67-H27292-5A0	HEAT SINK	1	FOR IC804
67-H35984-2A0	HEAT SINK	1	FOR Q801
71-DYP000-WX1	LABEL	1	
10-1N4148-ABX	DIODE 1N4148 (SWITCHING)	1	'+' TO Q918 'C' 、 '-' TO Q919 'B'
13-MSP342-5GB	IC MSP 3425G	1	IC1001
45-OSC18M-4Y0	CRYSTAL 18.432M	1	X1001
07-457FF5-NX7	ALPS FS TUNER TEDH9-249A	1	TU101
11-DD1556-0AX	TRANSISTOR 3DD1556	1	Q411
13-A16V02-T0P	IC 8829KRNG	1	IC101
13-TDA894-4JS	IC TDA8944J	1	IC602
18-EG0109-JHX	RES. FUS. 1 OHM 2W +/-5%	1	R433
18-EG0109-JHX	RES. FUS. 1 OHM 2W +/-5%	1	R431
18-RF0688-JGX	RES. WIRE ROUND 0.68 OHM 1W +/-5%	1	R304
18-RG0159-JHX	RES. WIRE ROUND 1.5 OHM 2W +/-5%	1	R313
25-BMJ391-M1X	CAP. ELEC 390 UF 400V +/-20%	1	C806
45-FIL4M5-0Y3	CER.FILTER LT4.5MH	1	X202
45-SAWF18-590	SAW FILTER F1859	1	Z101
46-12866W-02X	PIN BASE *2 S11-02Y	1	P601 FOR FRONT CAB.(SPK)
46-28559W-02X	PIN BASE *2 TJC1-2A	1	P801 FOR POWER CORD
46-33079W-02X	PIN BASE *2 TJC3-2A	1	P602 FOR FRONT CAB.(SPK)
46-33079W-05X	PIN BASE *5 TJC3-5A	1	P001 FOR PWR SW. BD P005
46-33079W-07X	PIN BASE *7 TJC3-7A	1	P911 FOR SIDE AV BD
47-RCA023-XX1	RCA JACK 3 PV YEL WHI RED/SW	1	P905
47-RCA023-XX1	RCA JACK 3 PV YEL WHI RED/SW	1	P903
50-03150D-1GS1	FUSE 3.15AT 250VAC 5MMX20MM	1	F801
62-B159MB-4UN	MAIN BD BRACKET	1	
63-W30100-AB4	S/T SCREW W 3 X 10 AB	8	MTG M.BD & M.BD BKT
70-271510-00A	SERVICE CARD	1	FOR PRODUCTION USE
71-270870-0A9	LABEL	2	
90-0DSTG1-SR1U	HEAT SINK DSTG-1	0	FOR Q411.Q414,IC602,IC301,Q801
11-SC4544-0AX	TRANSISTOR 2SC4544	1	Q505
11-SC4544-0AX	TRANSISTOR 2SC4544	1	Q503
11-SC4544-0AX	TRANSISTOR 2SC4544	1	Q501
18-FE0272-JNX	RES. M.O. 2.7K OHM 1/2W +/-5%	1	R520
18-FG0183-JHX	RES. M.O. 18K OHM 2W +/-5%	1	R518
18-FG0183-JHX	RES. M.O. 18K OHM 2W +/-5%	1	R517
18-FG0183-JHX	RES. M.O. 18K OHM 2W +/-5%	1	R516
25-BLA100-M1X	CAP. ELEC 10 UF 250V +/-20%	1	C504
26-AMK152-KRX	CAP. CER 1500 PF 2KV +/-10% R	1	C505
26-EBP103-ZFX	CAP. CER 0.01UF 50V +80/-20% F	1	C508
34-R100K2-1BX	COIL CHOKE 10 UH +/-10%	1	L503
35-139730-00X	FERR. BEAD BF60	2	FOR C508 (L505 & L506)
46-10967W-01X	PIN BASE *1 TJC1-1A	1	P501 FOR CRT GROUNDING HOUS.
46-33079W-04X	PIN BASE *4 TJC3-4A	1	P502 FOR (M.BD P421)
46-33079W-05X	PIN BASE *5 TJC3-5A	1	P503 FOR(M.BD P201)
47-CRT004-XX0	CRT SOCKET GZS10-2-AC2	1	S501
46-38610H-07X	HS 7P 1185#26 600MM	1	P003D FOR M.BD P911
47-RCA178-XX0	RCA SOCKET AV-3.2-3LK15	1	P941R
47-SVI001-XX0	SOCKET	1	P951

46-37170H-02X	HS 2P 2468#24 260 TJC3-2Y/JC25-2Y	1	P001A P2 - P3 FOR PWR SW. BD P002A
48-TAC001-XX0	TACT SWITCH	1	S006
48-TAC001-XX0	TACT SWITCH	1	S005
48-TAC001-XX0	TACT SWITCH	1	S004
48-TAC001-XX0	TACT SWITCH	1	S003
48-TAC001-XX0	TACT SWITCH	1	S002
48-TAC001-XX0	TACT SWITCH	1	S001
02-IRR001-XX1	IR RECEIVER MODULE HRM380017	1	IR001
11-C124ES-0BX	TRANSISTOR PDTC124ES (NPN)	1	Q001
11-SA1015-YBX	TRANSISTOR ST2SA1015Y (PNP)	1	Q083
14-LED05R-XX1	LED RED FB205	1	D001
25-BCB470-M1X	CAP. ELEC 47 UF 16V +/-20%	1	C001
46-33079W-02X	PIN BASE *2 TJC3-2A	1	P002 FOR KEY BD P001A
46-37030H-05X	HS 5P 2468#24 450 TJC3-5Y/SCN	1	P005 FOR M.BD P001
48-TAC016-XX1	TACT SWTICH (H=7.5MM)	1	S014
62-226920-0HA	LED HOLDER ABS-LG H121 (HB)	1	
54-114000-00X	FELT TAPE (150MMX19MMX0.3MM)	16	STICK ON R.CAB
59-130460-00X	RUBBER PAD (25MMX7MM)	2	STICK ON REAR CAB.(FOOTING)

M134 Alignment Procedures

A. Enter Factory Mode:

Simply press the "SERVICE" key on the factory remote handset.

Press"1，2，3，4，5，6，7，8，9，0，NOTEBOOK,CAPS, DISPLAY ,SLEEP, CALENDAR ,COLOR/INS，FAVORITE,RECALL"，you can switch in the sub-menus of "FAC01～FAC18" in turns.

Press "P+""P-" to choose the items.

Press "V+""V-" to adjust the data.

Press "OK" and "P+""P-" to switch in the sub-menus of "FAC19～FAC23".

Exit Factory Mode:

Press the "SERVICE" key on the factory remote handset. All changes in factory data will be saved in EEPROM automatically.

Some special modes:

Aging Mode	— Be used for aging before adjustment in Factory Mode.
Vertical doesn't Work	— Be used for Screen & Focus voltage adjustment. In Factory Mode, press "TV/AV" to enter and exit.
White balance adjustment Mode	— Be used for White balance adjustment. In Factory Mode, press "BUS OFF" to enter and exit.
Default Value OK mode	— Be used for default value setting before TV leaves Factory. In Factory Mode, press "S. EFFECT" to enter default value. "Wait" will be displayed in screen, when it is finished, "OK" will be displayed. It will exit factory mode automatically.

Note: Now press "SERVICE" cannot enter factory mode, you have to take the following steps to enter:

1. Setting Volume to Zero.
2. Press "V-" in cabinet and Press "Display" in RC simultaneously.

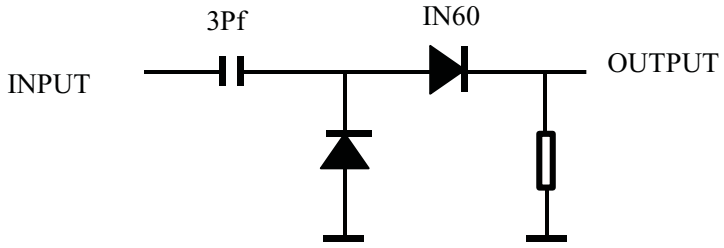
B. Adjustment Way

1. B＋Adjustment：

Apply Philips Test pattern signal in normal status, adjusting VR821 to make B＋＝130V±0.5V.

2. RF AGC adjustment:

Observe monitor the collector waveform of Q101 with the probe of Oscilloscope as illustration below. Select channel 2 (>70dB) from the antenna input. Enter D-mode, select menu6 to adjust RFAGC item until the monitor peak value to 0.8Vp-p.



3. Sound Amplifier Adjustment:

1) Apply 45.75 IF signal which is >60dB from P1101

2) Adjusting T1101 to make the voltage of Pin 15 in IC1101 is 2.5±0.05V.

4. Screen & Focus voltage adjustment:

1) Apply pattern signal in normal status, enter D-mode, press "TV/AV" button to turn off the vertical output. (Note: The default value of RC/GC/BC is 80, and GD/BD is 40)
2) Adjust the SCRREEN switch on the flyback transformer to make a horizontal shining line just visible on the screen.
3) Turn on the vertical output, adjust the "FOCUS" on the flyback transformer to obtain the optimum focus.

5. White balance adjustment (NORMAL)

1) Apply Black and White Signal in normal status, enter into Factory Mode and select Menu 1.
2) Using analyzer to test the black signal part, adjust RCUT, GCUT, BCUT to make X=284, Y=299.
3) Using analyzer to test the white signal part, adjust BDRV, GDRV to make X=284, Y=299.
4) Adjusting Brightness and Contrast from Min to Max, repeat step 2)~3) to make X=284, Y=299.

Note: M134 chassis can adjust white balance automatically. In factory mode, press "I2C BUS" to enter in.

The white balance in the other two colors temperature is Warm (296, 296), Cool (279, 265).

6. Adjustment of Sub-brightness:

1) Apply the Grey-scale/Color bar (NTSC signal) to the AV input, in normal status.
2) Enter into Factory Mode and select Menu 5, select BRTC to adjust the sub-brightness, until that the 2nd dark bar of 8 level Grey scale just can be seen.

7. Picture geometric adjustment:

1) Apply the Philips standard testing pattern in normal status, then enter menu 3, adjusting the following data to get the min-distortion.
   HPOS5/6（Horizontal Center） PARA5/6 （Level） TRAP5/6 （Trapezia）
   HSIZE5/6（Horizontal Size） CNRT5/6 （Top） CNRB5/6 （Bottom）
2) Apply the Philips standard testing pattern in normal status, then enter menu 3, adjusting the following data to get the min-distortion.
   HIGH5/6 (Height) VP50/60（Vertical Center）
   VLIN5/6（Linearity） VSC5/6（Vertical-S Correction）

8. BTSC/SAP Function checking:

It needn't to adjust the BTSC/SAP, but you have to check where it does work.

9. CCD and V-CHIP function checking:

Please see the User's Manual to check V-CHIP.

FAC 01		FAC 02		FAC 02		FAC 03	
Item	Data	Item	Data	Item	Data	Item	Data
RC *	80	HIGH5 *	0C	HIGH6 *	0E	HPOS5 *	0E
GC *	80	VP50 *	03	VP60 *	03	PARA5 *	14
BC *	80	VLIN5 *	0B	VLIN6 *	0A	TRAP5 *	2C
GD *	40	VSC5 *	09	VSC6 *	09	HSIZE5*	2D
BD *	40	VBLK5	00	VBLK6	00	CNRT5 *	0C
		VCEN5	0E	VCEN6	2E	CNRB5 *	0E
						VEHT5	03
						HEHT5	03

FAC 03		FAC 04		FAC 05		FAC 06	
Item	Data	Item	Data	Item	Data	Item	Data
HPOS6 *	12	CNTX	7F	BRTC	40	ST3	20
PARA6 *	16	CNTN	08	COLC	2C	SV3	20
TRAP6 *	2B	BRTX	20	COLP	00	SV4	19
HSIZE6*	2C	BRTN	20	SCOL	07	SVD	19
CNRT6 *	0B	COLX	35	SCNT	0C	ASSH	07
CNRB6 *	0D	COLN	00	CNTC	4C	SHPN	10
VEHT6	03	TNTX	28	TNTCT	40	SHPN	2A
HEHT6	03	TNTN	28	TNTCV	40		

FAC 07		FAC 08		FAC 09		FAC 10	
Item	Data	Item	Data	Item	Data	Item	Data
MOD1	60	RFAGC *	25	V01	46	MODE4	FF
MOD2	B0	BRTS	00	V25	6B	MODE5	3F
MOD3	F0	OSD	21	V50	75	MODE6	1F
OPT	37	OSDF	53	V100	7F	MODE7	57
OPTM1	61	CCD OSD	4A	VOLMAX	32	MODE8	24
OPTM2	C6	CCD OSDF	65	CURTCEN	A5	MODE9	FF
HDCNT	00	TXCN	1F	GATE	2A		
HSTOP	FF	RGCN	16	VOL-OUT	73		

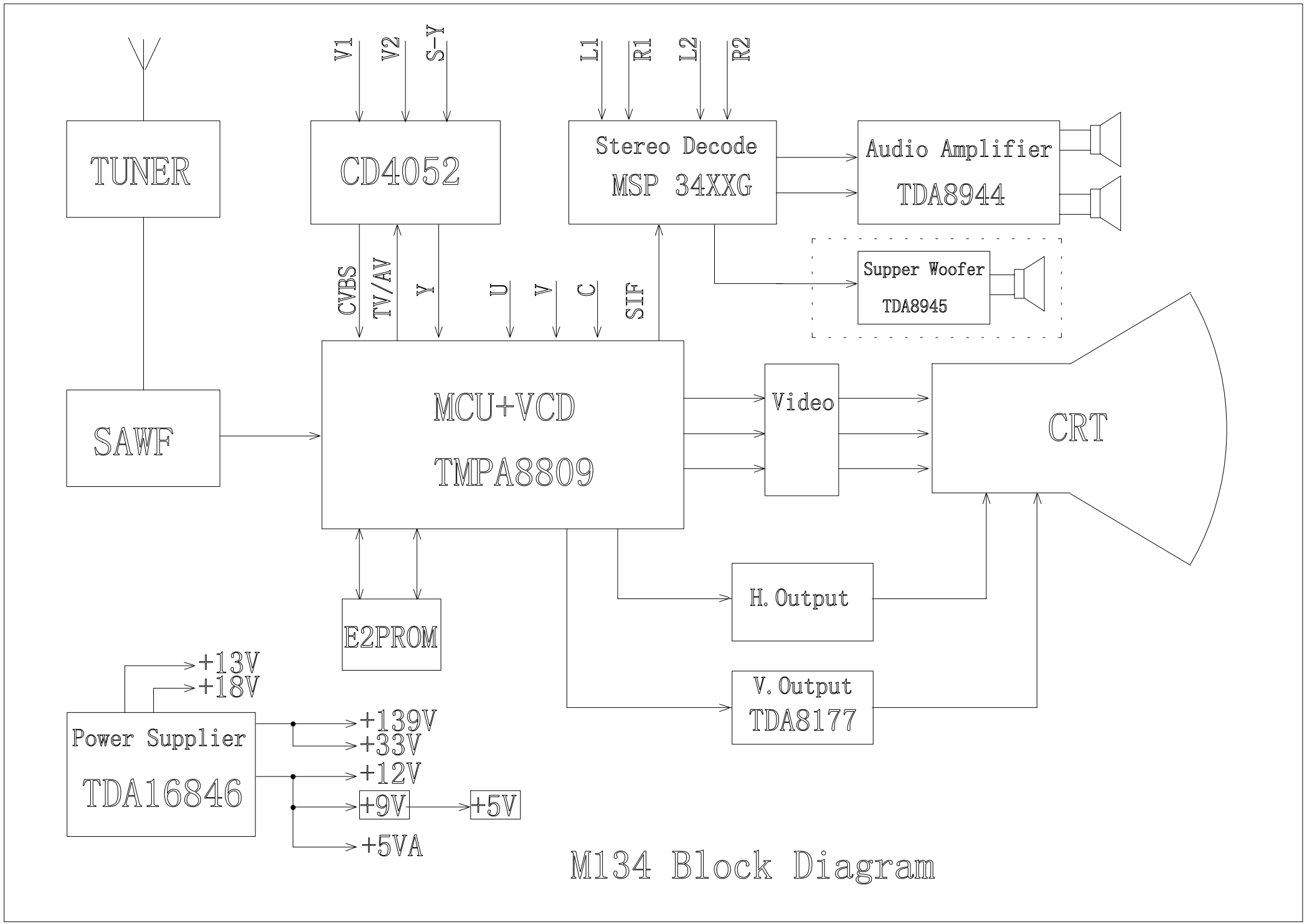
FAC 11		FAC 12		FAC 13		FAC 14	
Item	Data	Item	Data	Item	Data	Item	Data
MPB-STR	43	SVM	05	CLTM	44	HAFC	09
MPB-HMC	0D	SVM1	05	CLVO	43	AGCC	1C
MPB-HP	07	OSD2	20	CLVS	43	NOIS	01
MPB-LP	11	OSDF2	64	ABL	27	ONTM	08
MPB-LIM	00	PYNX	28	DCBS	14	NSHP	1A
SUB-FRE	28	PYNN	18	FLG0	82	PVLVL	80
SUB-HP	02	PYXS	22	FLG1	0C/0D	PLMT	80
VOL-MAI	00	PYNS	10				

FAC 15		FAC 16		FAC 17		FAC 18	
Item	Data	Item	Data	Item	Data	Item	Data
RC-C **	80	RC-W **	80	D-COL	32	S-COL	32
GC-C **	80	GC-W **	80	D-BRI	32	S-BRI	32
BC-C **	80	BC-W **	80	D-CON	5A	S-CON	32
GD-C **	40	GD-W **	40	D-SHP	32	S-SHP	32
BD-C **	40	BD-W **	40				
		YUVGC	03				
		YUVBC	03				

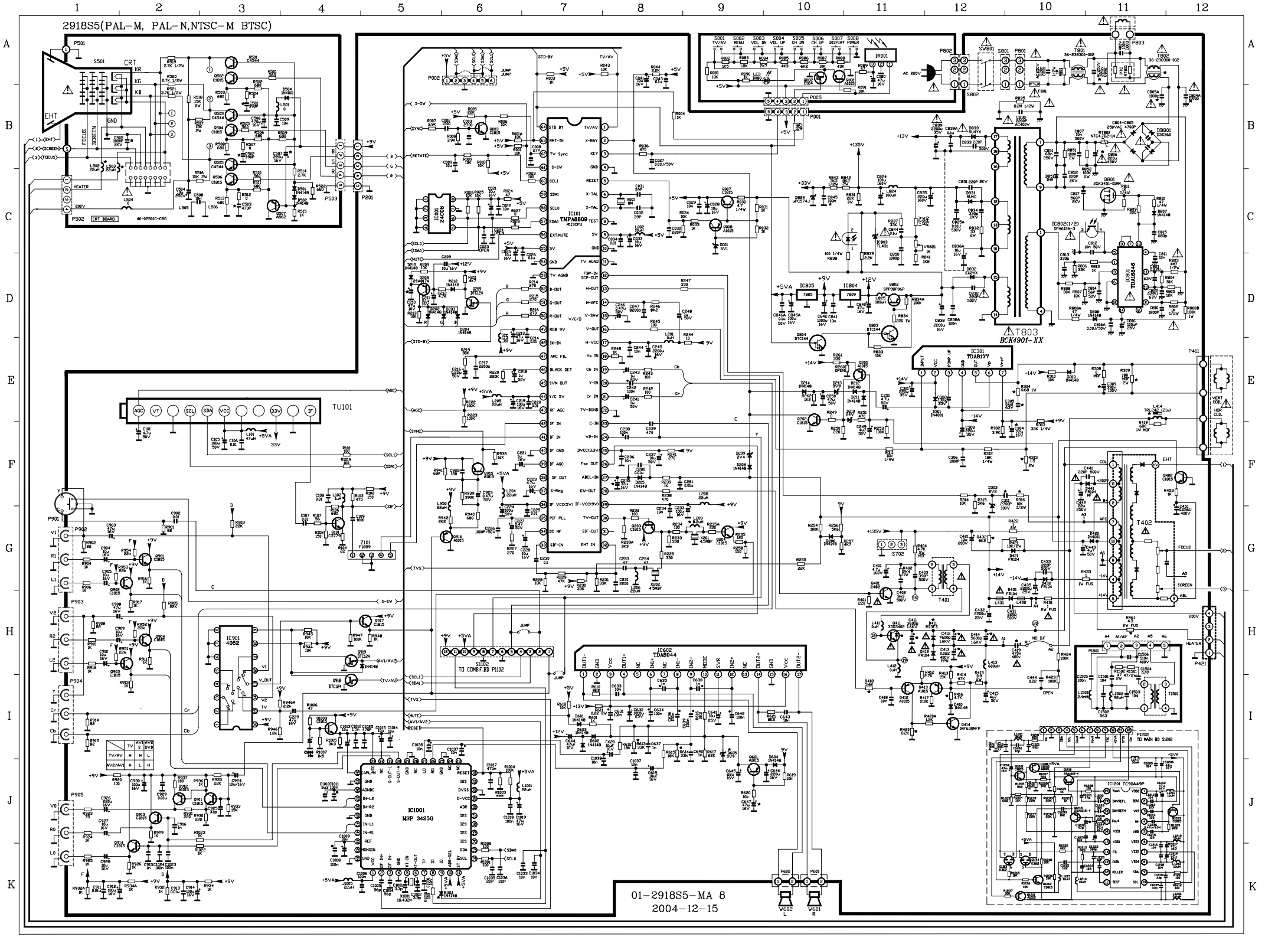
FAC 19		FAC 20		FAC 21		FAC 22	
Item	Data	Item	Data	Item	Data	Item	Data
S-COL	32	T-Hz120-BAS	5A	C-Hz120-BAS	32	B-Hz120-BAS	14
S-BRI	32	T-Hz500-TRE	5A	C-Hz500-TRE	32	B-Hz500-TRE	14
S-CON	1E	T-Hz1K5	0C	C-Hz1K5	0C	B-Hz1K5	0C
S-SHP	32	T-Hz5K	0C	C-Hz5K	0C	B-Hz5K	0C
		T-Hz10K	0C	C-Hz10K	0C	B-Hz10K	0C

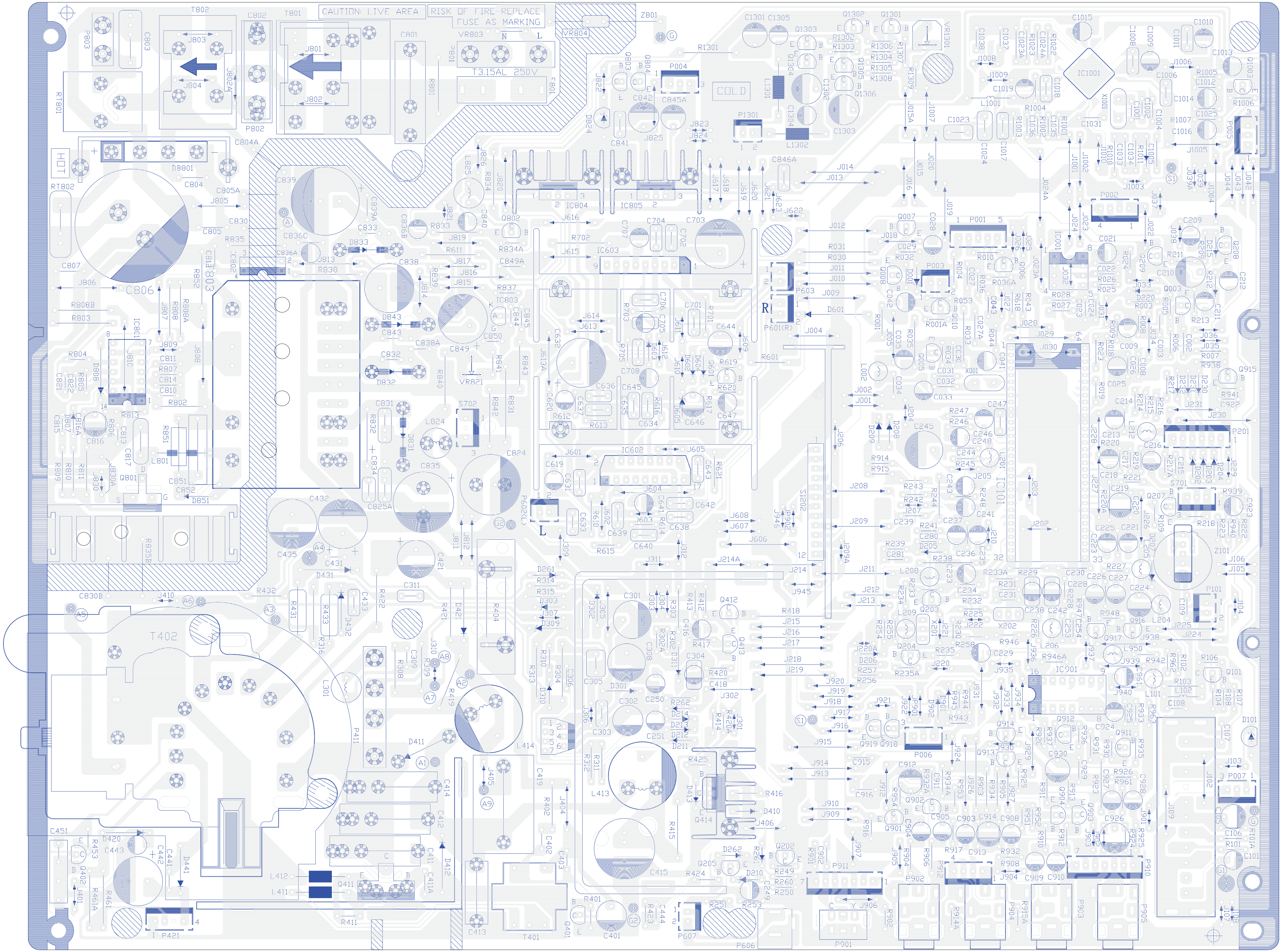
FAC 23	
Item	Data
COMB1	00
COMB2	05
COMB3	00
AV GAIN	19

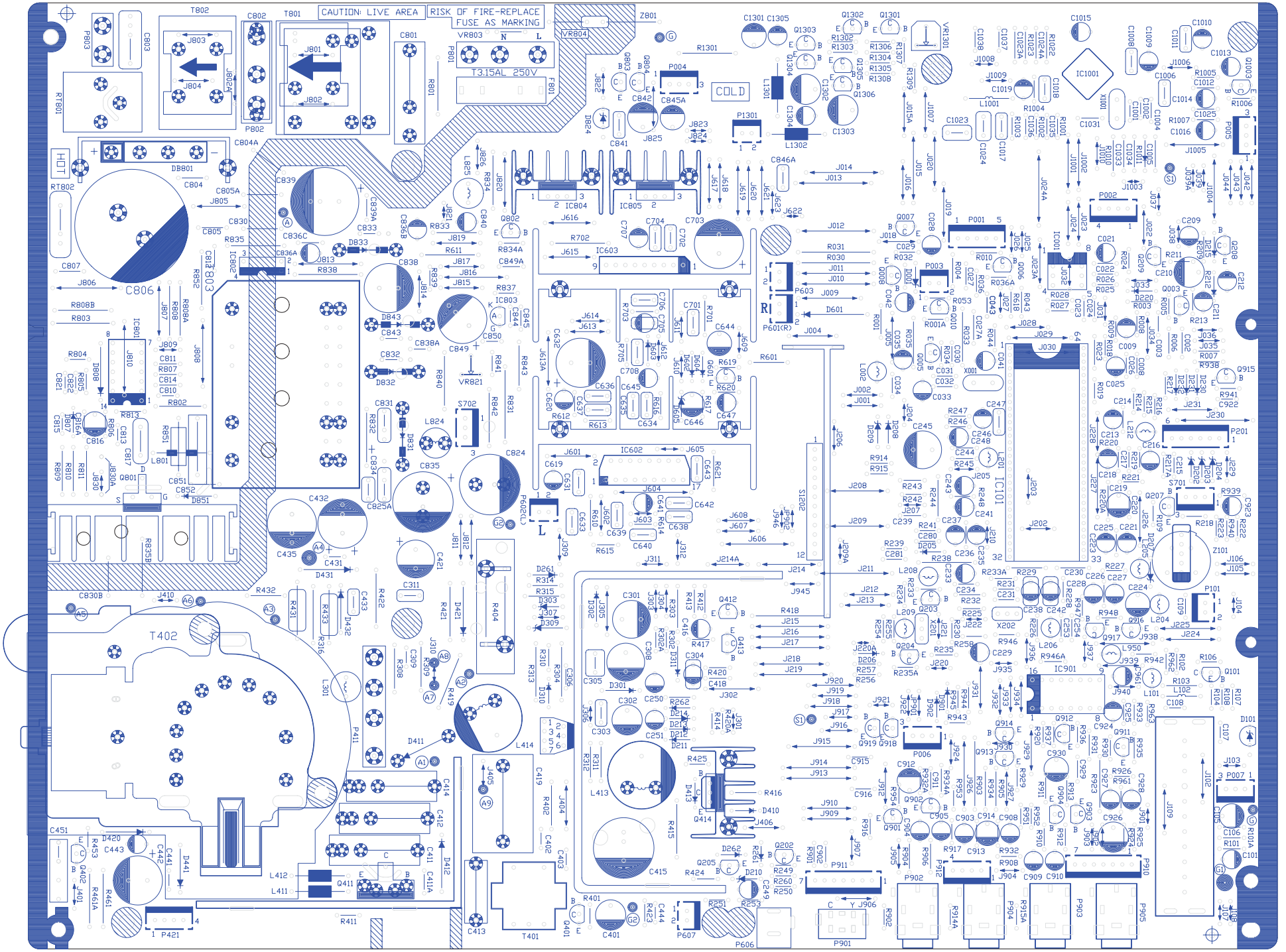
* It means the data are stable.

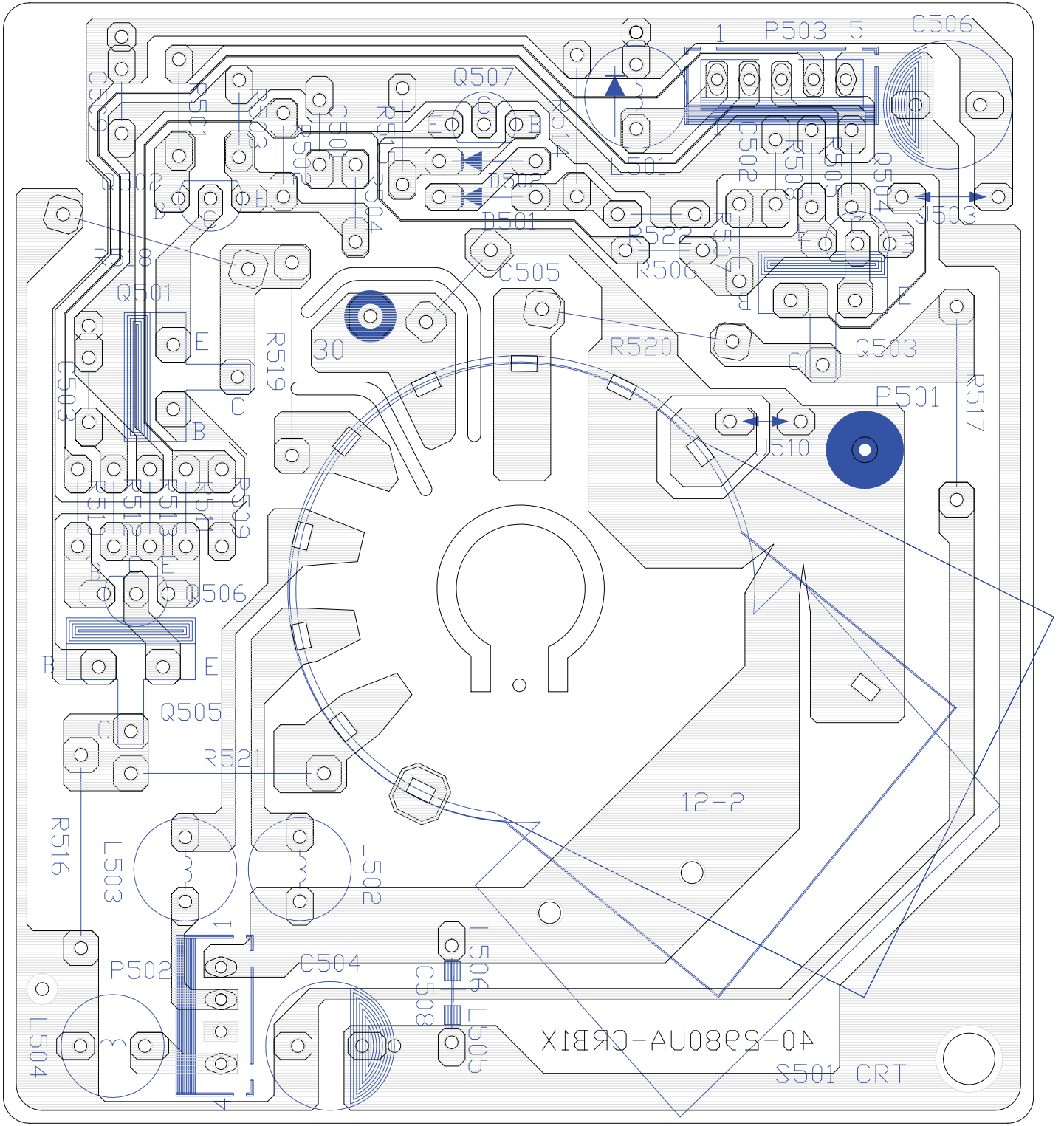


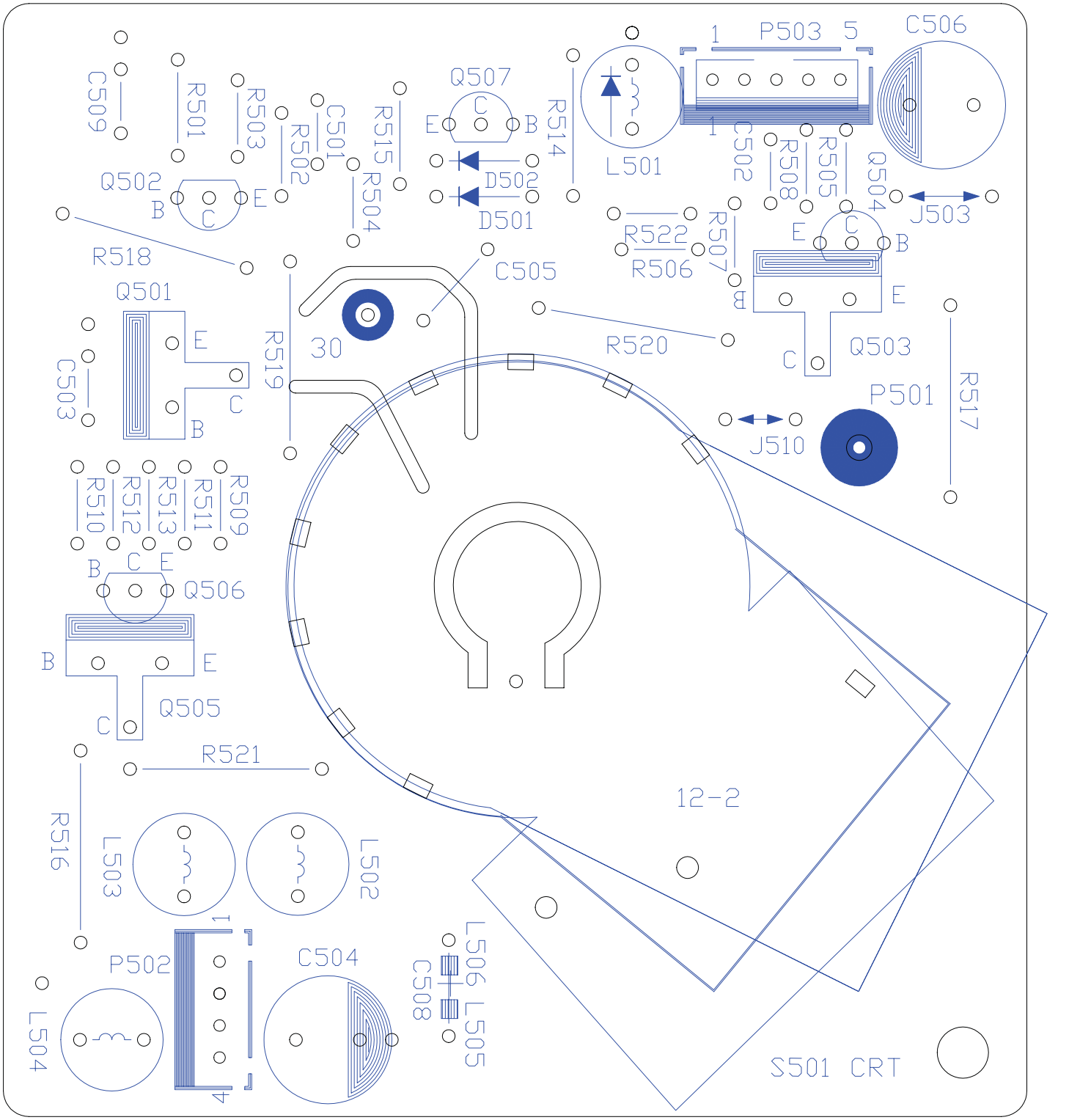
M134 Block Diagram


2918S5(PAL-M, PAL-N,NTSC-M BTSC)
IC101 TMPA8809 M13CPU
IC1001 MSP 3425G
IC602 TDA8944
IC301 TDA8177
IC805 7805
IC804 7809
IC901 4052
IC1201 TC90A49P
TU101
T803 BCK4901-XX
T402
T401
T1501
S1102 TO COMBJ.BD P1102
P1202 TO MAIN BD S1202
01-2918S5-MA 8
2004-12-15

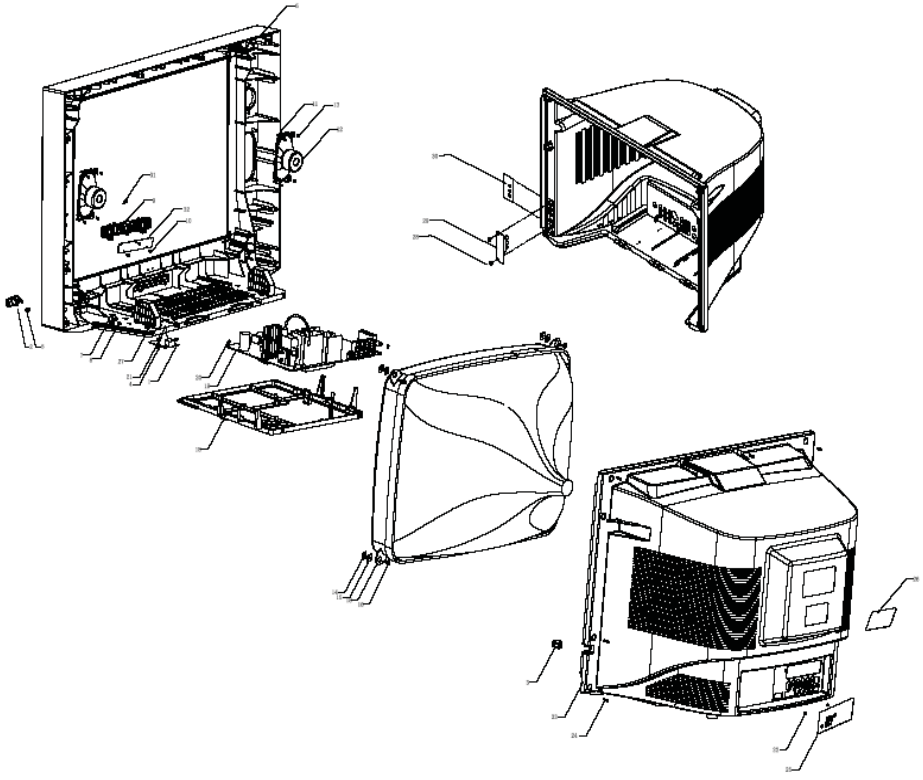

CAUTION: LIVE AREA
RISK OF FIRE-REPLACE FUSE AS MARKING
T3.15AL 250V
HOT
COLD
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C806
IC101
IC1001
IC901
IC602
IC603
IC804
IC805
T401
T801
T802


CAUTION: LIVE AREA
RISK OF FIRE-REPLACE FUSE AS MARKING
T3.15AL 250V
HOT
COLD
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IC804
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IC602
IC603
IC101
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29E10EXP



33					
32	CTRL. PCB			1	
31	NAMEPLATE			1	
30	SCREW 3.0X10			8	SET SIDE AV PCB
29	SIDE AV PCB			1	
28	INLAY SIDE AV			1	
27	CRT SUPPORT			2	
26	PLATE, MODEL NO.			1	
25	INLAY REAR AV			1	
24	SCREW M3X8			20	SET FRONT PANEL SET REAR CABINET
23	BACK CABINET			1	
22	SCREW			2	SET CORE
21	SWITCH CASSLE			1	
20	SCREW 3.0X10			2	SET CORE
19	CORE			1	
18	MAIN CHASSIS			1	
17	KINESCOPE			1	
16	SCREW			4	SET CRT
15	SHOCK CRT MOUNTING			4	
14	CRT FIXED SHEET			4	
13	SCREW 3.0X14			4	Connecting Chassis
12	SPEAKER			2	
11	SPEAKER GASKETT			2	
10	SCREW 3.0X8.5			2	Connecting PWB Chassis
9	CTRL. BUTTON			1	
8	SCREW 3.0X8			1	Connecting Cable
7	LENS			1	
6	FRONT CABINET			1	
5	SPRING			1	
4	ANTENNA CORD			1	Connecting PWB
3	WIRE FASTENER			1	
2	POWER BUTTON			1	
1	POWER PCB			1	
NO.	DESCRIPTION	PART NO.	REMARK	QTY	ORDER

EXPLODE

TTE TECHNICAL development

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