

Service Manual

Colour Television EURO 2 Chassis

TX-25AD1E TX-29AD1E

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Service Manual

Colour Television

TX-29AD1E

TX-25AD1E

EURO-2 Chassis

Specifications

(Information in brackets {} refer to TX-25AD1E)

Power Source :	220-240V AC 50Hz	AV2 IN	Video (21 pin)	1 Vp-p 75W
Power Consumption :	110W { 100W }		Audio (21 pin)	500mV rms,10 kW
Aerial Impedance :	75W unbalanced, Coaxial Type		S-Video IN	Y : 1 Vp-p 75W
Receiving System :	PAL B/G, PAL 60, SECAM B/G	AV2 OUT	(21 pin)	C : 0.3 Vp-p 75W
Receiving Channels :	VHF E2 - E12 VHF H1 - H2 (ITALY) VHF A - H (ITALY) VHF R1 - R2 VHF R3 - R5 VHF R6 - R12 UHF E21 - E69 CATV (S01 - S05) CATV S1 - S10 (M1 - M10) CATV S11 - S20 (U1 - U10) CATV S21 - S41 (HYPERBAND)	AV3 IN	Video (21 pin)	1 Vp-p 75W
			Audio (21 pin)	500mV rms, 1kW
			Selectable output (21 pin)	
			S-Video IN	Y : 1 Vp-p 75W
			(4-pin)	C : 0.3 Vp-p 75W
			Audio (RCA x 2)	500mV rms,10kW
			Video (RCA x 1)	1 Vp-p 75W
Intermediate Frequency :		High Voltage :		31kV _1kV at zero beam current
Video	38.9 MHz	Picture Tube :		72cmV{63 cmV}
Sound	33.4 MHz/33.16 MHz/33.05MHz			Super Flat FST 110°
Colour	34.47 MHz			measured diagonally.
	34.5 MHz/34.65 MHz - (SECAM)	Audio Output :		
Video / Audio		Internal Speaker		2 x 20 W (Music Power)
Terminals :				8W Impedance
AUDIO MONITOR OUT	Audio(RCA x 2)	Headphones		1 x 8 W Impedance
AV1 IN	Video (21 pin)	Accessories supplied :		Remote Control
	Audio (21 pin)			UM3 Battery
	RGB (21 pin)	Dimensions :		
AV1 OUT	Video (21 pin)		Height :	551mm {504mm}
	Audio (21 pin)		Width :	668mm {606mm}
			Depth :	467mm {448mm}
		Net Weight		41kg {30kg}

Specifications are subject to change without notice.
Weight and dimensions shown are approximate.

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Safety Precautions

General Guide Lines

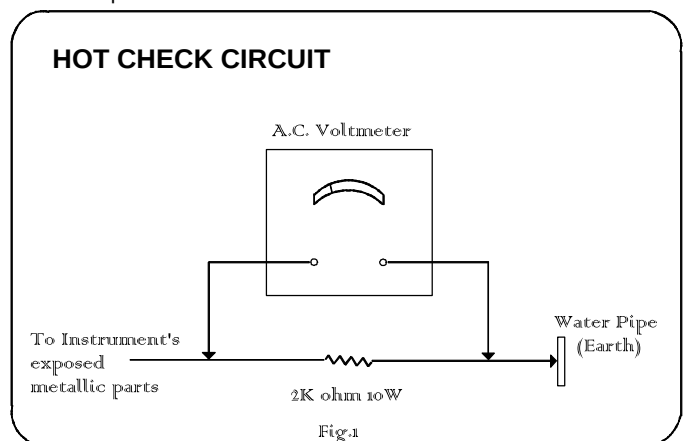
1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
 2. When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
 3. After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
 4. When the receiver is not being used for a long period of time, unplug the power cord from the AC outlet.
 5. Potentials as high as 32 kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture to the chassis before handling the tube.
 6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.
3. Use an AC voltmeter with high impedance to measure the potential across the resistor.
 4. Check each exposed Metallic part and check the voltage at each point.
 5. Reverse the AC plug at the outlet and repeat each of the above measurements.
 6. The potential at any point should not exceed 1.4 Vrms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs of the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis the reading should be between 4M ohm and 20M ohm. When the exposed metal does not have a return path to the chassis the reading must be infinite.

Leakage Current Hot Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 2k ohm 10W resistor in series with an exposed metallic part on the receiver and an earth such as a water pipe.



X-Radiation Warning

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service ensure that the jig is capable of handling 32kV without causing X-Radiation.

NOTE : It is important to use an accurate periodically calibrated high voltage meter

1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate 31kV $\pm$ 1kV at zero beam current if the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent an X-Radiation possibility, it is essential to use the specified tube.

Location Of Controls

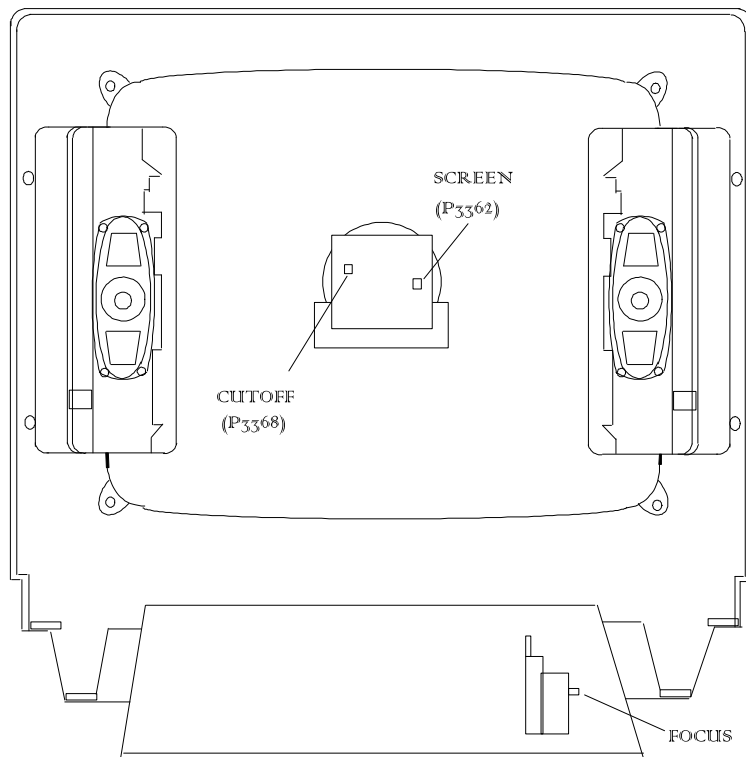
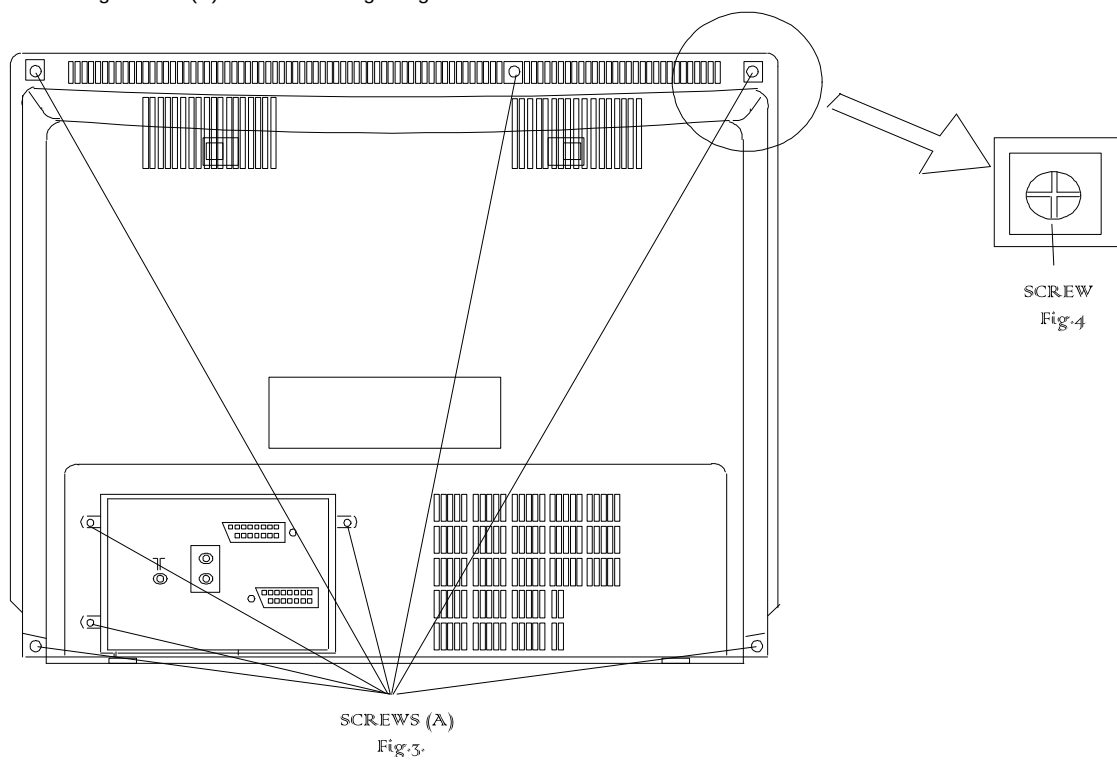


Fig.2

Service Hints

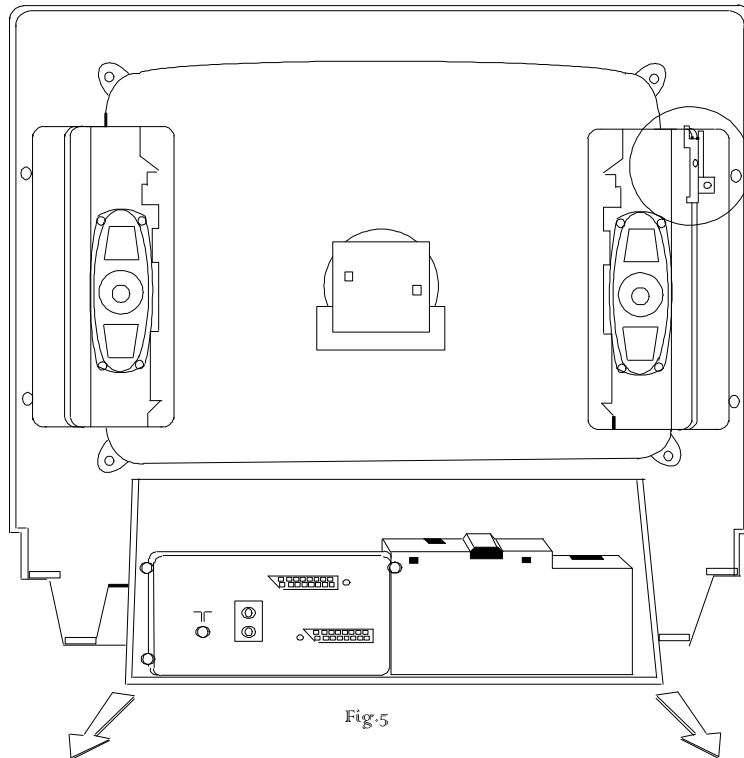
How to remove the rear cover

1. Remove the 8 fixing screws (A) as shown in Fig.3/Fig.4.

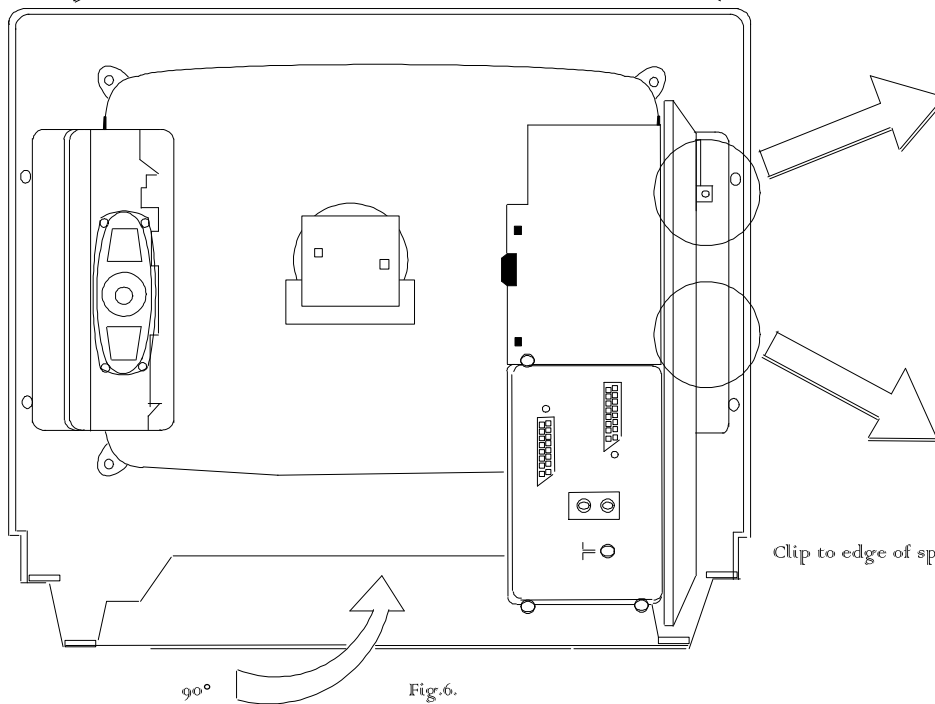
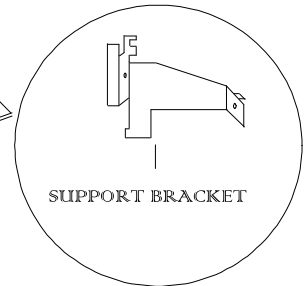


How to move the chassis into the Service position

1. Hold and lift the rear of the E- PCB chassis and M - PCB as shown in fig.5. and gently pull the chassis toward you. Release the M - PCB as explained on page 6
2. Turn the chassis through 90°, anti-clockwise, as shown in fig.6.
3. Clip the chassis onto the support bracket as shown in fig.6 and fig.7.
4. After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.



SIDE VIEW



Heatsink

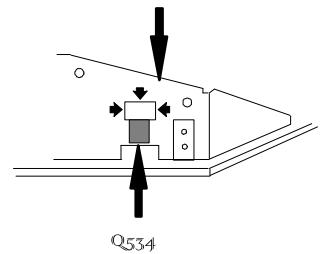
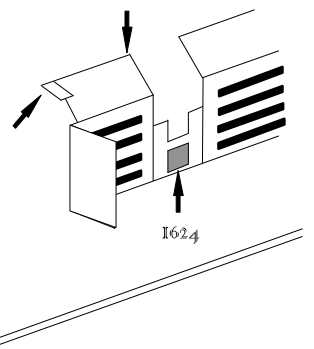


Fig.7.

Heatsink



HOW TO REMOVE THE CONTROL PANEL (M-BOARD)

1. Remove the E-board from the cabinet with the M-board attached.
2. Unclip by lifting the front of the M-board vertically.
3. After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.

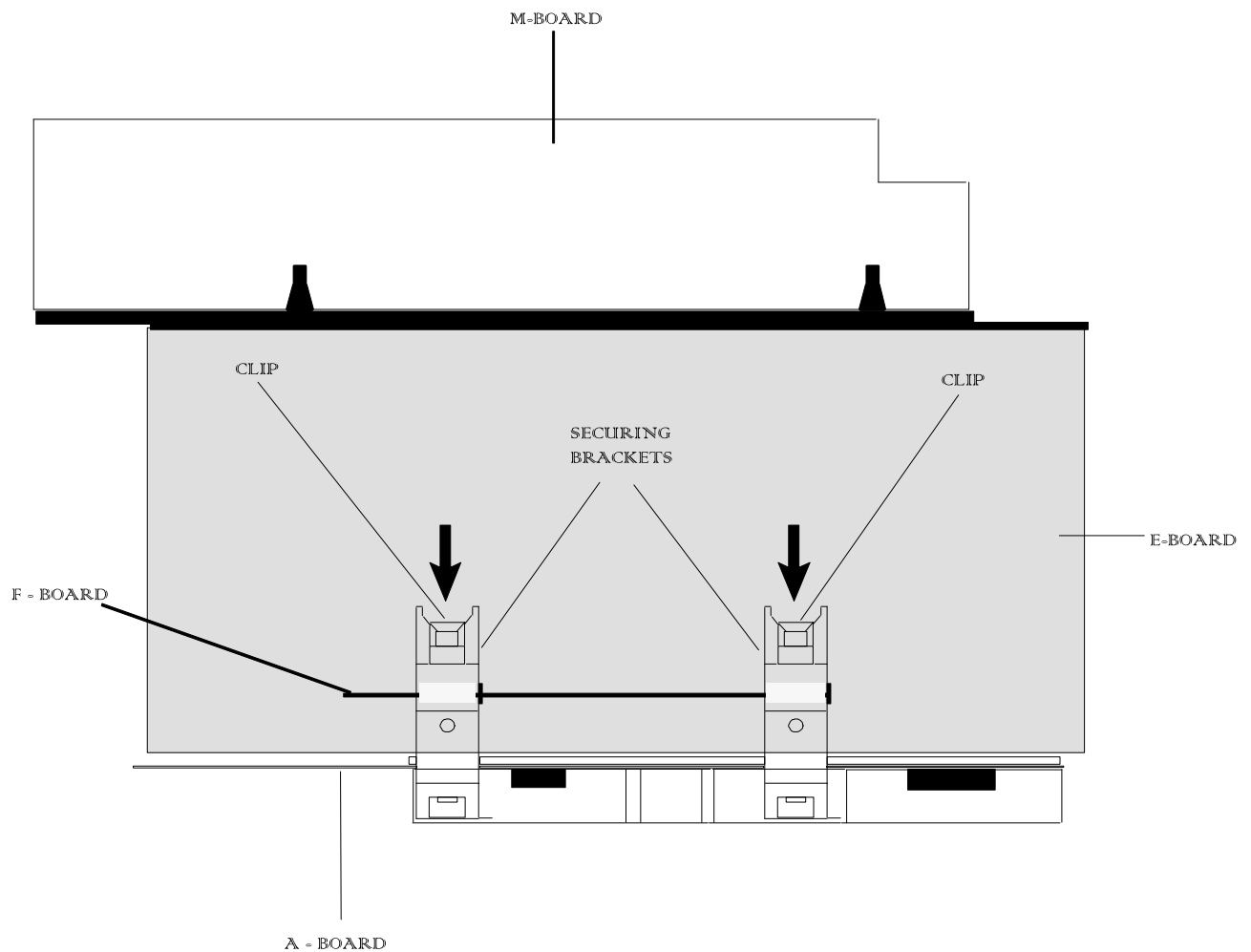


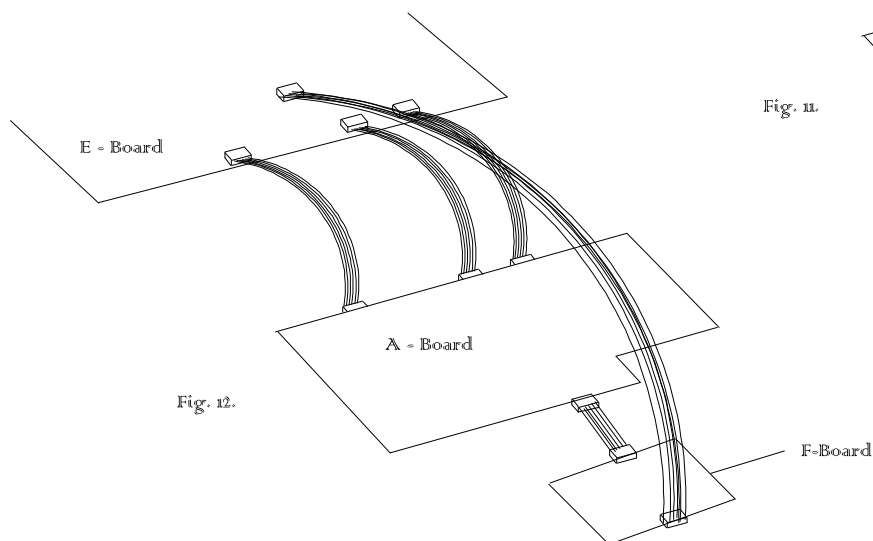
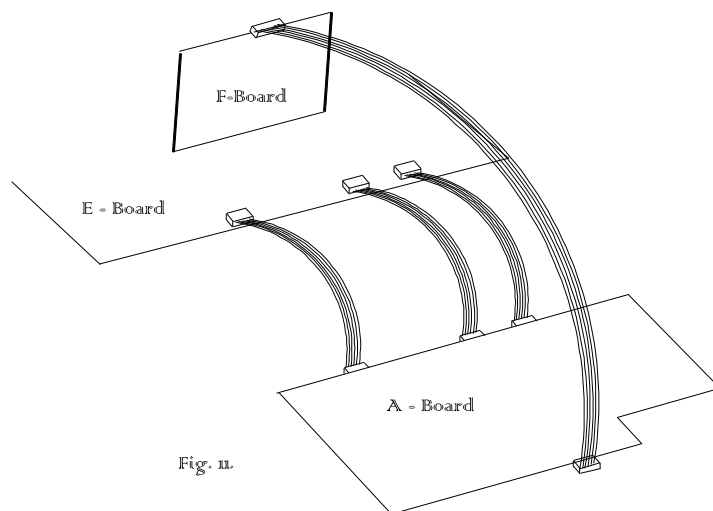
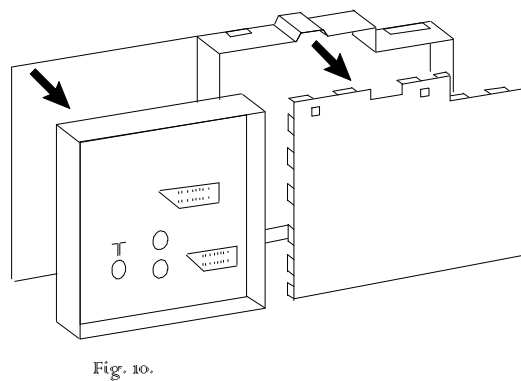
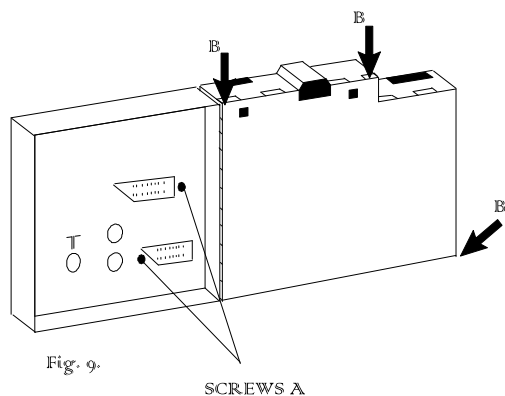
Fig.8

HOW TO REMOVE THE A - BOARD

1. Disconnect the 5 leads from the A - board.
2. Release the A and F boards securing brackets by pushing the clips in the direction shown in Fig.8, and remove the A - board by gently lifting vertically.
3. After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.

Service position for the A-Board

1. Remove the A-board from the main chassis (E-board) as shown in Fig.8.
2. Remove the two screws (A) (fig.9) from the plastic AV cover and unclip the AV cover from the A-board.
3. Carefully unclip the three metal clips marked B in fig.9.
4. Unclip the front metal cover (Fig10) and remove from the A-board.
5. Fit the extension leads to the A-board making sure that the A-board does not touch the E-board (fig.11).
6. After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.
Note : The extension lead wire kit is supplied as a service kit. (Part number TZS4EP001).



Service Mode

The remote control is used for entering and storing adjustments, with the exception of cut-off adjustments which must always be done prior to service adjustment. Perform adjustments in accordance with screen display. The display on the screen also specifies the CCU variants as well as the approx. setting values. The adjustment sequence for the service mode is indicated below.

1. Set the Bass to maximum position, set the Treble to minimum position, press the F button followed by the Volume down on the customer controls at the front of the TV and at the same time press the Reveal button on the remote control, this will place the TV into the Service Mode.
2. Press the RED / GREEN buttons to step down / up through the functions.
3. Press the YELLOW / BLUE buttons to alter the function values.
4. Press the STORE button on the preset panel after each adjustment has been made to store the required values.
5. To exit the Service Mode press the Normalisation button.

NOTE: This TV also has the option of using a Memory Pack which enables you to copy the preset TV channels and analogue levels into the Memory Pack and then upload them onto another EURO-2 TV set.

Using the Memory Pack

TV to Memory Pack process

1. Plug the memory pack into the lower of the two 21 pin terminals at the back of the TV and switch the TV on. If the TV has only one 21 pin connector then this will be able to accept the memory pack.
2. Go into the Service Mode as explained above. The screen will show:-

Program
External>>TV

3. Press the blue button on the remote control. The screen will show:-

Program
TV>>External

4. Press the STORE button on the TV. The screen will show:-

Storing

5. All the tuning information stored inside the TV will now be transferred to the Memory Pack. This process will take 2-3 minutes to complete and when finished the screen will show:-

OK!

Memory Pack to TV Process

1. Plug the memory pack into the lower of the two 21 pin terminals at the back of the TV and switch the TV on. If the TV has only one 21 pin connector then this will be able to accept the memory pack.
2. Go into the Service Mode as explained above. The screen will show:-

Program
External>>TV

3. Press the STORE button on the TV. The screen will show:-

Loading

4. All the tuning information stored inside the Memory Pack will now be transferred to the TV. This process will take 2-3 minutes to complete and when finished the screen will show:-

OK!

5. The tuning information from the Memory Pack has now been copied into the TV
6. To exit from the Service Mode switch off the TV.
7. The process has now been completed and the Memory Pack can now be removed.

Errors

If an error occurs while using the Memory Pack the TV will detect this and the screen will show:-

Program
Error!

If this happens then switch off the TV and repeat the process that was being used. If the errors continue to occur then check the connectors between the TV and the memory pack and check the 9V battery inside the memory pack.

SELF CHECK

Self check is used to automatically check the Bus lines and Hexadecimal code of the TV set.

To enter the Self Check mode press Function down button, on the Preset Panel, at the same time pressing the Status button, on the Remote Control, and the screen will show:-

1	—	ok	Tuner	11	—	- -	Dolby IC for C/R	21	—	ok	P SBLED
2	—	ok	VIF	12	—	ok	P S MODE	22	—	ok	P OFF
3	—	ok	EEPROM	13	—	ok	P. TA0	23	—	ok	P DEFL
4	—	ok	Sound AV switch	14	—	ok	P. TA1	24	—	ok	P RAM
5	—	ok	Video AV switch	15	—	ok	P. TA2				
6	—	ok	VDP	16	—	ok	P. TA3	25"	Hex codes	29"	
7	—	ok	TPU	17	—	ok	P SDA	5A		5A	
8	—	ok	MSP	18	—	ok	P SCL1	30		30	
9	—	- -	Dolby Sub	19	—	ok	P SCL3	A0		A0	
10	—	- -	Dolby IC for L/R	20	—	ok	P SCL4	94		94	
								4C		6C	

If the CCU ports have been checked and found to be incorrect then "- -" will appear in place of "OK".

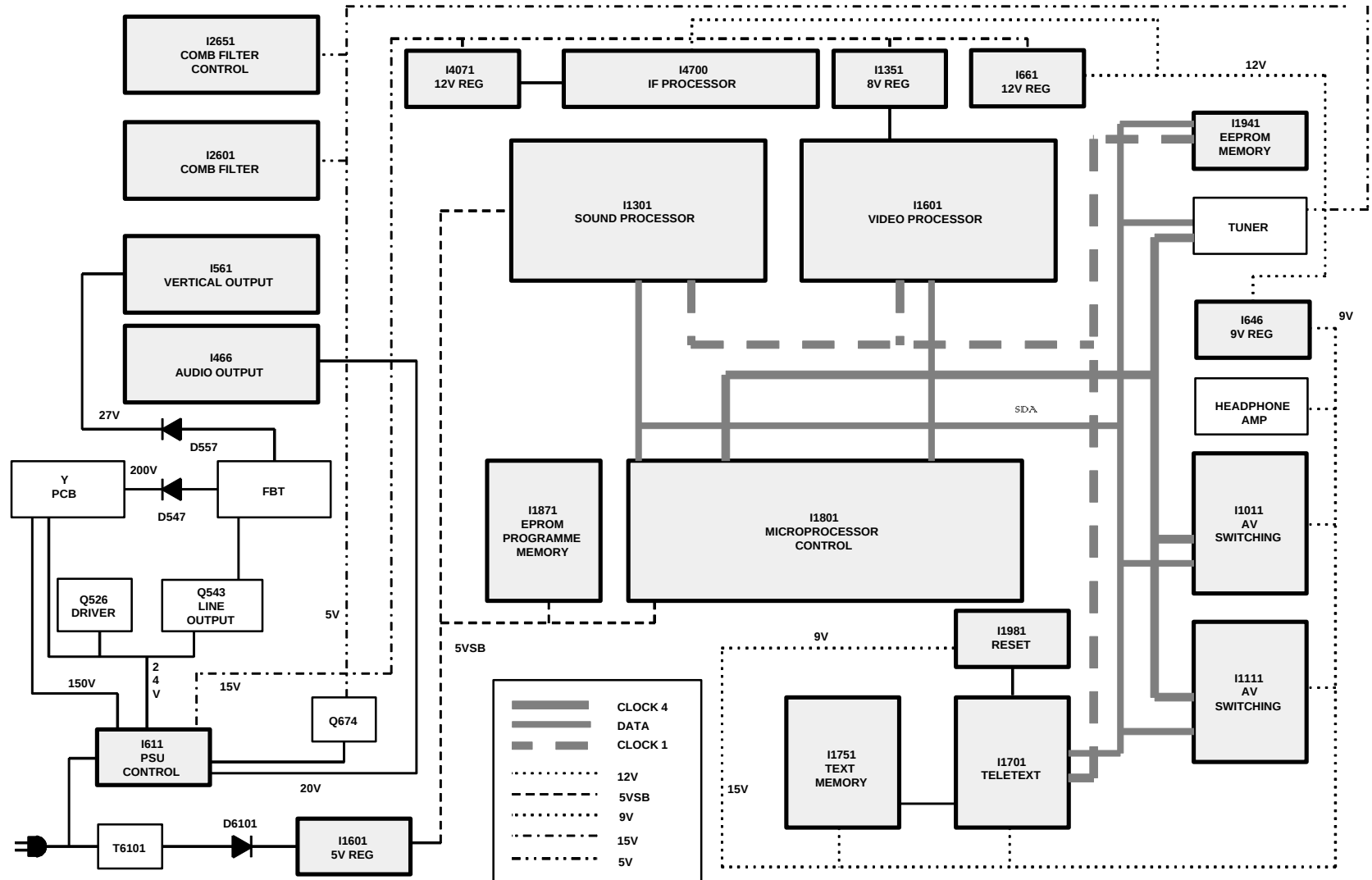
Adjustment Procedure

Item/Preparation	Adjustments
+B SET-UP 1. Operate the TV set 2. Set the controls: Brightness minimum Contrast minimum	1. Set the +B voltage up as follows: Adjust P633 so that U147 shows 147V +/- 0.5V 2. Confirm the following voltages. U5 5 +/- 0.25V U28 28 +/- 1.0V U8 8 +/- 0.5V U40 38.5 +/- 1.0V U12 12 +/- 0.5V U210 209 +/- 10V U16 16.0 +/- 0.5/-1V U5SB 5.0 +/- 0.25V U25 24.8 +/- 1.0V UM 8 +/- 0.5
RF AGC 1. Receive a test pattern. 2. Connect an oscilloscope between the tuner RF AGC and ground. 3. Set the oscilloscope gain range to 1V/div.	1. Check that the noise becomes large when the RF AGC VR P4701 is turned counterclockwise. After the check turn it clockwise. 2. Gradually turn the RF AGC VR anti-clockwise, and set the RF AGC VR to the point where the RF AGC voltage is just falling to a point where this voltage drops by 0.2V from the maximum value.
CUT OFF 1. Receive a black and white signal. 2. Degauss the tube externally. 3. Set the TV into Service Mode 1. 4. Select Ug2 Test.	1. Confirm which colour has the biggest value 2. Turn the screen VR P3368 to minimum. 3. Connect an oscilloscope to the cathode with the biggest value colour. 4. Adjust P3368 to get a low light pulse voltage of 180V +/- 5V. 5. Adjust P3362 to whichever colour reaches 50 +/- 10 first.
COMB FILTER 1. Receive A PAL colour bar signal.	1. Confirm input video signal (pin 4 W2601 is 1Vp-p). 2. Adjust P2601 to obtain 2Vp-p at TPF1.

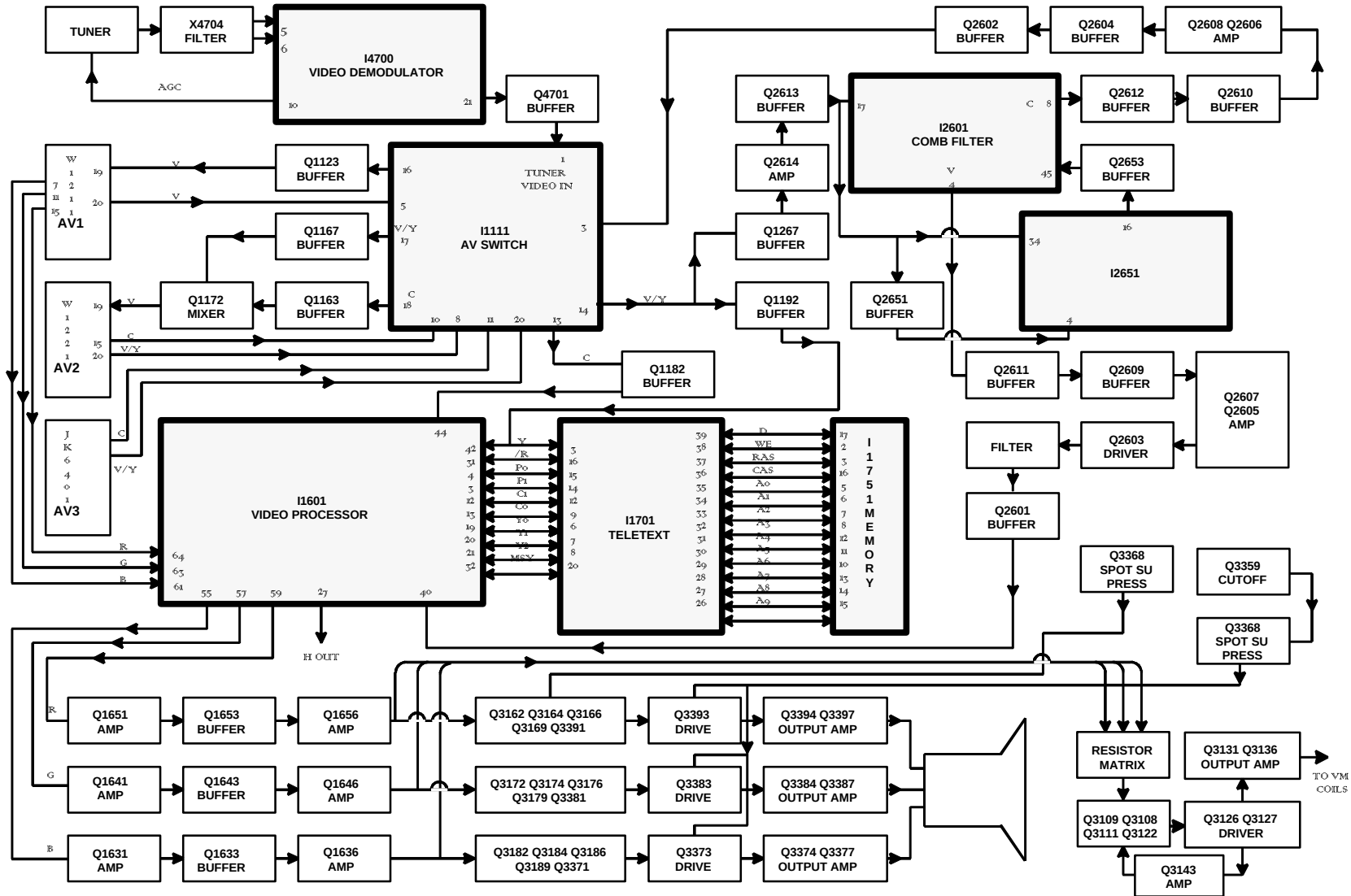
Alignment Settings

Alignment Function	TX-29AD1E	TX-25AD1E	Settings / Special features
1. Vertical amplitude	V-AMP 051	V-AMP 063	Optimum setting
2. Vertical symmetry	V-SYM 013	V-SYM 002	Optimum setting
3. Vertical linearity	V-LIN 012	V-LIN -020	Optimum setting
4. Vert. D.C.	Vert. D.C. 000	Vert. D.C. 000	Optimum setting
5. V-Pos.	V. Pos 003	V. Pos 005	Optimum setting
6. Horizontal amplitude	H-AMP -033	H-AMP -044	Optimum setting
7. Horizontal position	H-POS 049	H-POS 069	Optimum setting
8. Text Position	TEXT POSITION 045	TEXT POSITION 049	Optimum setting
9. EW-amplitude	E-W AMP1 -058	E-W AMP1 -058	Optimum setting
10. EW-amplitude	E-W AMP2 023	E-W AMP2 044	Optimum setting
11. Trapezium-comp	TRAPEZ-1 -014	TRAPEZ-1 -000	Optimum setting
12. Trapezium- comp	TRAPEZ-2 012	TRAPEZ-2 -009	Optimum setting
13. Colour VCO	COLOUR VCO 015	COLOUR VCO 006	Optimum setting
14. Cut-off DC	CUT-OFF DC 050	CUT-OFF DC 050	Not to be adjusted.
15. Ug2 Test	Ug2 Test 107 021 023	Ug2 Test 94 044 020	To adjust the screen settings. Turn P3362 until a colour reaches 25"5, place an oscilloscope probe on the cathode with the highest output and adjust P3368 so the oscilloscope trace reads 150V 0-peak (160V 0-peak TX - 25AD1E), then turn P3362 up so the highest numbered box on the TV screen reads 050 " 010.
16. Cutoff	Cutoff 045 055 050	Cutoff 057 064 056	Press the GREEN button to step through the settings. Adjust for optimum.
17. White	White 224 255 237	White 200 255 248	Press the GREEN button to step through the settings. Adjust for optimum.

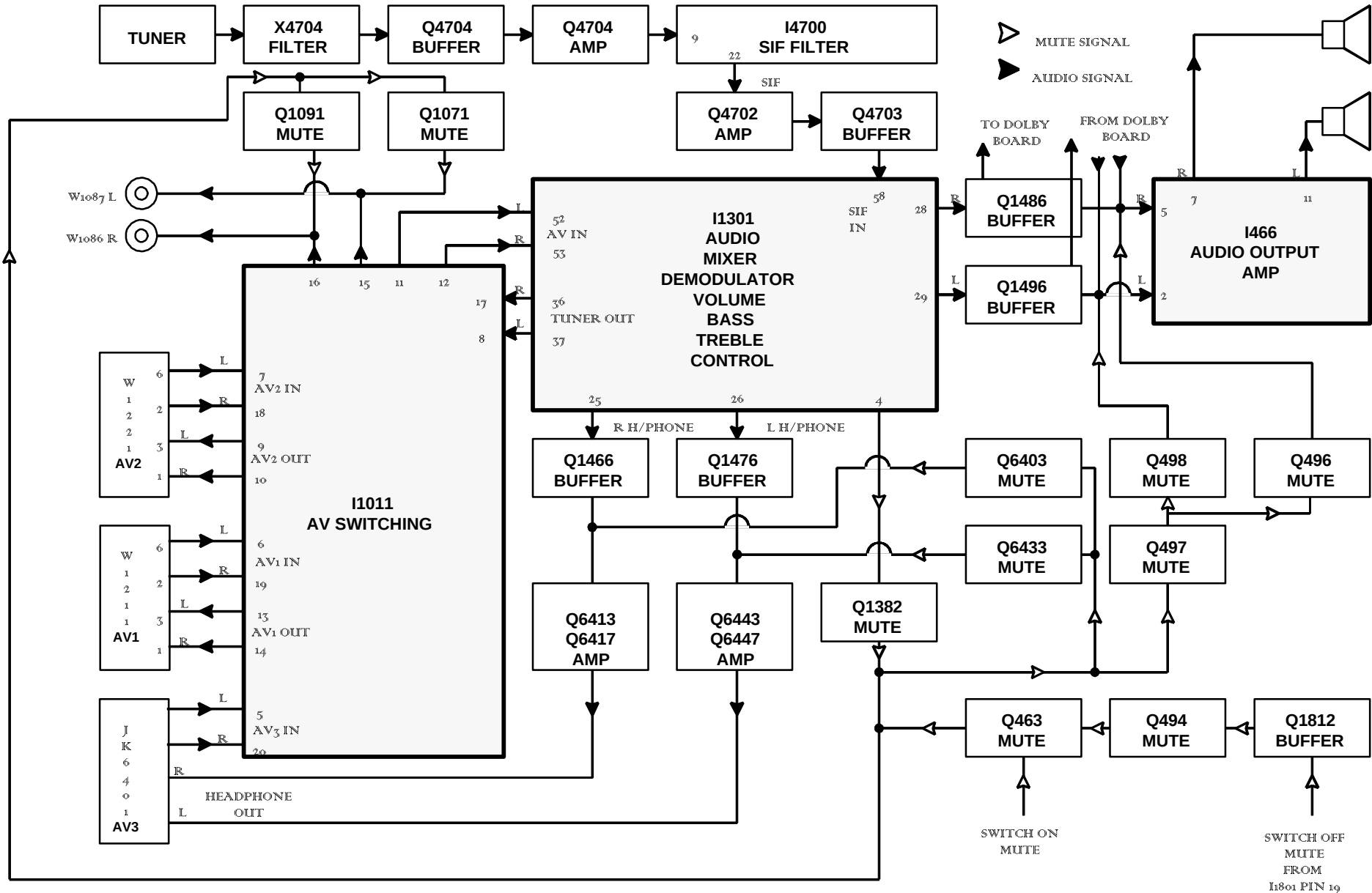
POWER SUPPLY AND CONTROL BLOCK DIAGRAM



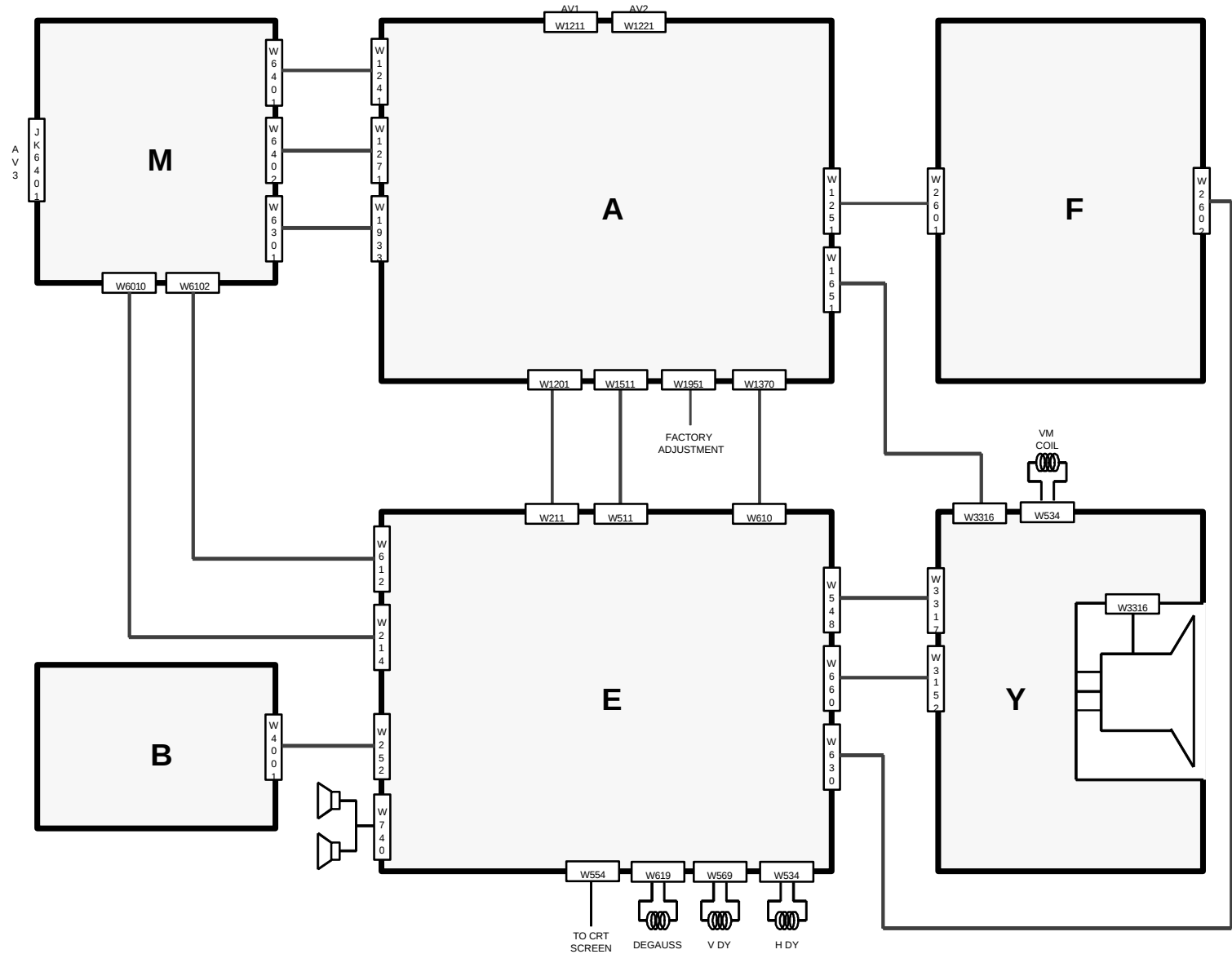
VIDEO BLOCK DIAGRAM



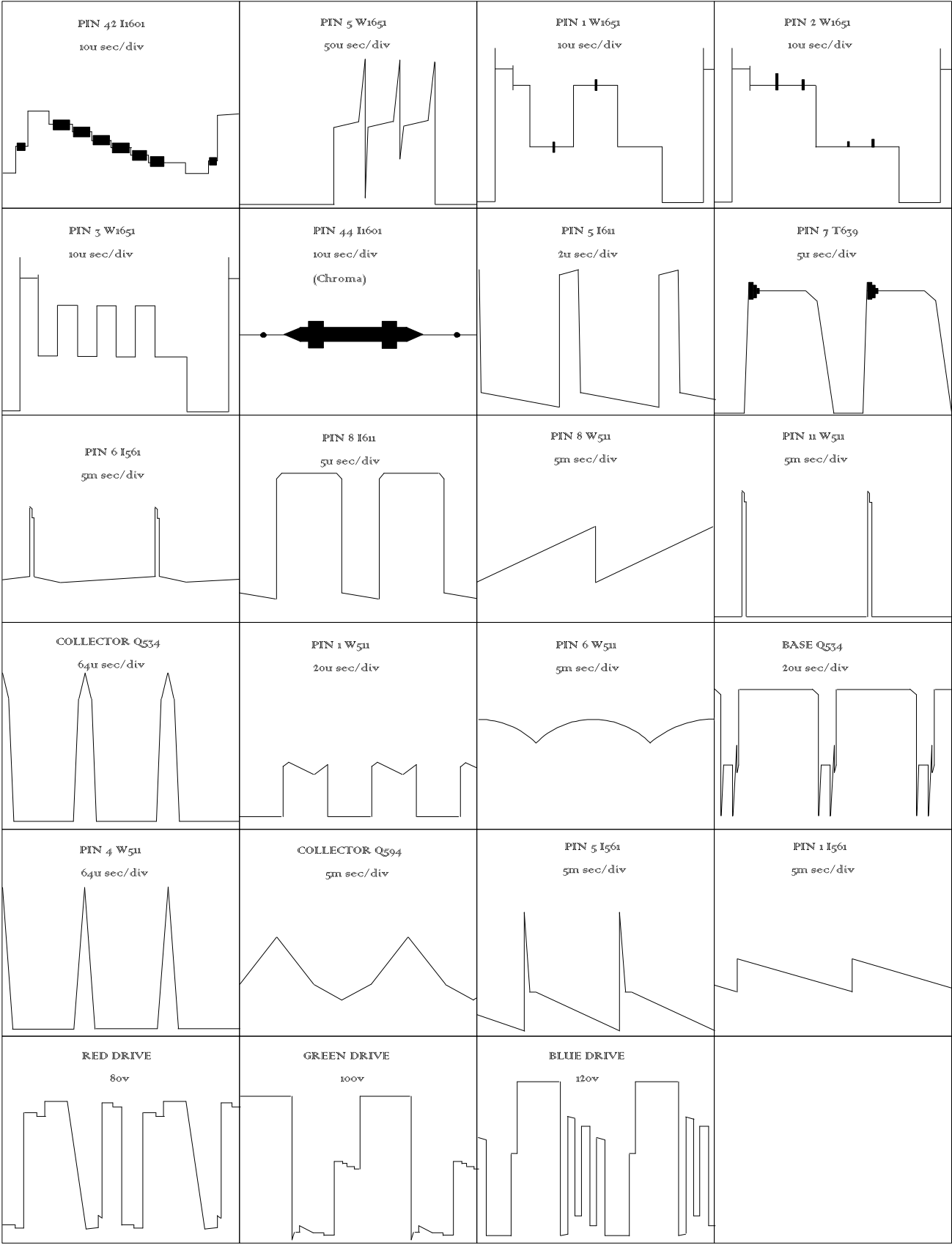
AUDIO BLOCK DIAGRAM



WIRING BLOCK DIAGRAM



WAVEFORM PATTERN TABLE



SCHEMATIC DIAGRAM FOR MODELS TX-29/25AD1E (EURO-2S CHASSIS)

IMPORTANT SAFETY NOTICE

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Notes

1. RESISTOR
All resistors are carbon ¼W resistor, unless marked.
Unit of resistance is OHM (W) (K=1,000, M=1,000,000).
2. CAPACITOR
All capacitors are ceramic 50V capacitors, unless marked, the unit of capacitance is mF unless otherwise stated.
3. COIL
Unit of inductance is mH, unless otherwise stated.
4. TEST POINT
 :Test Point Position
 :Waveform Test Point Position
5. EARTH SYMBOL
 Chassis Earth (Cold)
 Line Earth (Hot)
6. VOLTAGE MEASUREMENT
Voltage is measured by a DC voltmeter.
Measurement conditions are as follows:

Power source	AC 220-240V, 50Hz
Receiving Signal	Colour Bar signal (RF)
All customer controls	Maximum position
7.
 : Indicates the Video signal path
 : Indicates the Audio signal path
 : Indicates the Vertical/Horizontal signal path
8. This schematic diagram is the latest at the time of printing and is subject to change without notice.

Precautions

- a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- b. Do not short-circuit the hot and cold circuits as electrical components may be damaged.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously, as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

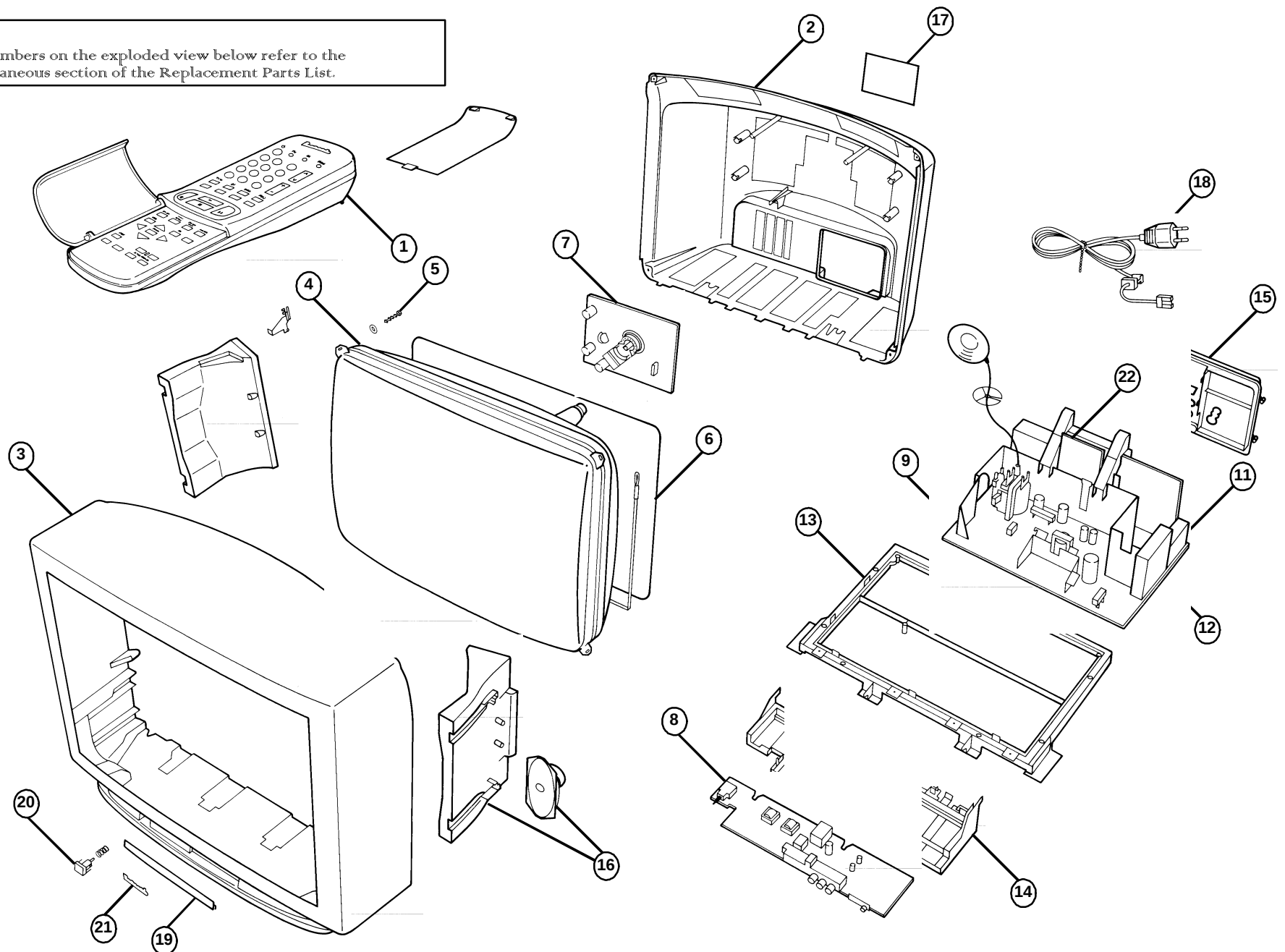
Remarks

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

PARTS LOCATION

NOTE :

The numbers on the exploded view below refer to the miscellaneous section of the Replacement Parts List.



REPLACEMENT PARTS LIST

Important Safety Notice

Components identified by  have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

PARTS COMMON TO TX-29AD1E AND TX-25AD1E

MISCELLANEOUS COMPONENTS

1)	EUR51920	REMOTE CONTROL	
2)	*****	SEE DIFFERENCE LIST	
3)	*****	SEE DIFFERENCE LIST	
4)	*****	SEE DIFFERENCE LIST	
5)	THT1009R	CRT FIXING SCREW	
6)	*****	SEE DIFFERENCE LIST	
7)	*****	SEE DIFFERENCE LIST	
8)	TNP117038AA	M P.C.B.	⚠
9)	*****	SEE DIFFERENCE LIST	
10)	*****	SEE DIFFERENCE LIST	
11)	ENV578F5G3	TUNER	⚠
12)	TNP117039AC	B P.C.B.	⚠
13)	TMX8E005	CHASSIS FRAME	
14)	TMW8E016	CONTROL BRACKET	
15)	TKP8E1109	A.V. DOOR	
16)	*****	SEE DIFFERENCE LIST	
17)	*****	SEE DIFFERENCE LIST	
18)	TSX8E0011	MAINS LEAD	⚠
19)	TKP8E1109	A.V. DOOR	
20)	TBX8E021	POWER BUTTON	
21)	TBM153022	PANASONIC BADGE	
22)	TNP117035	F P.C.B.	⚠
	TQB8E0917A	INST BOOK GERMAN	⚠
	TQB8E0917B	INST BOOK DUTCH	⚠
	TQB8E0917D	INST BOOK FRENCH	⚠
	TQB8E0917E	INST BOOK SPANISH	⚠
	TQB8E0917F	INST BOOK SWEDISH	⚠
	TQB8E0917G	INST BOOK NORWEGIAN	⚠
	TQB8E0917H	INST BOOK SUOMI	⚠
	TQB8E0917J	INST BOOK PORTUGUESE	⚠
	TQB8E0917K	INST BOOK DANISH	⚠
	TBM8E1182	ANTENNA BLIND SHEET	
	TBX8E022	OPERATE KEY	
	TEK6343	LID DAMPER	
	TBM8E1359	INDICATION SHEET	
	TBM8E1360	INDICATION SHEET	
	TBM8E1475	BLIND SHEET	
	TEK6940	LID CATCHER	
	TES2249	SPRING FOR POWER BUTTON	
	TES2298	CRT EARTH SPRING	
	TMW8E017	L.E.D. HOLDER	
	TNA10804	VIF PACK	
	TPD8E562	CUSHION	
	UM-3DEP-2P	BATTERY	

CAPACITORS

C202	ECQB1H103J	FILM	50V	10nF
C203	ECEA1CU221	ELECT	16V	220mF
C204	ECQB1H104J	FILM	50V	100nF
C206	222236516334	FILM	160V	330nF
C209	ECQB1H104J	FILM	50V	100nF
C212	ECEA1HUR22	ELECT	50V	0.22mF
C226	ECQB1H104J	FILM	50V	100nF
C228	ECKC1H102J	CERAMIC	50V	1000pF

C229	ECKC1H102J	CERAMIC	50V	1000pF	
C462	ECEA1EU101	ELECT	25V	100mF	
C463	ECEA1EU471	ELECT	25V	470mF	
C465	ECEA1CU470	ELECT	16V	47mF	
C466	ECEA1HU222	ELECT	50V	2200mF	
C467	ECQB1H103J	FILM	50V	10nF	
C471	ECEA1HU010	ELECT	50V	1mF	
C472	ECEA1CU101	ELECT	16V	100mF	
C473	ECEA1EGE222	ELECT	25V	2200mF	
C476	ECEA1HU4R7	ELECT	50V	4.7mF	
C479	222236576104	FILM	760V	100nF	
C481	ECEA1HU010	ELECT	50V	1mF	
C482	ECEA1CU101	ELECT	16V	100mF	
C483	ECEA1EGE222	ELECT	25V	2200mF	
C486	ECEA1HU4R7	ELECT	50V	4.7mF	
C489	222236576104	FILM	760V	100nF	
C492	ECEA1VU4R7	ELECT	35V	4.7mF	
C495	ECEA1EU101	ELECT	25V	100mF	
C496	ECEA1CU100	ELECT	16V	10mF	
C521	ECEA1HU101	ELECT	50V	100mF	
C524	222236516105	FILM	160V	1mF	
C527	ECQM2683JZ	FILM	250V	68nF	
C531	ECQM2564KZ	FILM	250V	560nF	
C536	ECWH12H103J	FILM	1250V	10nF	⚠
C538	ECWF2H514J	FILM	500V	510nF	⚠
C543	ECEA2VU2R2	ELECT	350V	2.2mF	
C544	ECKC3D152J	CERAMIC	2KV	1.5nF	⚠
C547	ECKC2H101J	CERAMIC	500V	100pF	⚠
C548	ECEA2EU220	ELECT	250V	22mF	
C549	ECEA2AU2R2	ELECT	100V	2.2mF	
C557	ECKC2H101J	CERAMIC	500V	100pF	⚠
C558	ECEA1VU102	ELECT	35V	1000mF	
C561	ECEA1VU222	ELECT	35V	2200mF	
C562	222236576104	FILM	760V	100nF	
C564	ECQB1H473K	FILM	50V	47nF	
C568	222236516224	FILM	160V	220nF	
C574	ECEA1VU332	ELECT	35V	3300mF	
C577	222236516105	FILM	160V	1mF	
C579	ECKC1H472J	CERAMIC	50V	4.7nF	
C592	ECEA1CU330	ELECT	16V	33mF	
C594	ECKC1H103JB	CERAMIC	50V	10nF	
C595	ECQB1H102J	FILM	50V	1nF	
C618	ECOS2GG181NG	ELECT	400V	180mF	⚠
C619	ECQE6104K	FILM	600V	100nF	⚠
C622	ECEA1HFS470	ELECT	50V	47mF	
C623	222236516224	FILM	160V	220nF	
C626	ECKC3D471JB	CERAMIC	2KV	470pF	⚠
C628	ECKC1H221J	CERAMIC	50V	220pF	
C629	ECQB1H153K	FILM	50V	15nF	
C631	ECQB1H472J	FILM	50V	4.7nF	
C632	ECQB1H103J	FILM	50V	10nF	
C634	ECEA1HGE010	ELECT	50V	1mF	
C635	ECKC3D331J	CERAMIC	2KV	330pF	⚠
C636	ECKC2H472J	CERAMIC	500V	4.7nF	⚠
C637	ECQB1H222J	FILM	50V	2200pF	
C638	ECQF6333JZH	FILM	600V	33nF	
C639	ECKCWS222MEJ	CERAMIC		2200pF	

C647	222236516334	FILM	160V	330nF		C1310	ECEA1CU100	ELECT	16V	10mF
C650	ECKC3A102J	CERAMIC	1KV	1nF	▲	C1311	ECUV1H104ZFX	S.M. CAP	50V	100nF
C651	ECOS2EA221AB	ELECT	400V	220mF		C1312	ECEA50Y3R3	ELECT	50V	3.3mF
C656	ECKC2H681J	CERAMIC	500V	680pF	▲	C1313	ECUV1H471JCX	S.M. CAP	50V	470pF
C657	ECEA1HU471	ELECT	50V	470mF		C1314	ECUV1H471JCX	S.M. CAP	50V	470pF
C661	ECKC2H821J	CERAMIC	500V	820pF	▲	C1315	ECEA1CU100	ELECT	16V	10mF
C662	ECEA1EU222	ELECT	25V	2200mF		C1316	ECUV1H104ZFX	S.M. CAP	50V	100nF
C666	222236516224	FILM	160V	220nF		C1321	ECUV1H030CCX	S.M. CAP	50V	30pF
C667	ECEA1CU471	ELECT	16V	470mF		C1322	ECUV1H030CCX	S.M. CAP	50V	30pF
C671	ECKC2H681J	CERAMIC	500V	680pF	▲	C1326	ECQM1H334J	FILM	50V	330nF
C672	ECEA1EU222	ELECT	25V	2200mF		C1327	ECUV1H221JCX	S.M. CAP	50V	220pF
C677	ECEA1CU471	ELECT	16V	470mF		C1331	ECUV1H391JCX	S.M. CAP	50V	390pF
C681	ECEA1EGE101	ELECT	25V	100mF		C1332	ECUV1H391JCX	S.M. CAP	50V	390pF
C682	ECKC2H331J	CERAMIC	500V	330pF	▲	C1346	ECUV1H221JCX	S.M. CAP	50V	220pF
C687	ECEA1HGE102	ELECT	50V	1000mF		C1347	ECUV1H221JCX	S.M. CAP	50V	220pF
C1001	ECEA1CU470	ELECT	16V	47mF		C1351	ECEA1CU470	ELECT	16V	47mF
C1002	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1352	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1011	ECEA1CU470	ELECT	16V	47mF		C1353	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1012	ECUV1H473ZFX	S.M. CAP	50V	47nF		C1377	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1013	ECEA1CU470	ELECT	16V	47mF		C1382	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1019	ECEA1CU470	ELECT	16V	47mF		C1409	ECUV1H470JCX	S.M. CAP	50V	47pF
C1020	ECEA1CU470	ELECT	16V	47mF		C1411	ECUV1H070DCX	S.M. CAP	50V	7pF
C1021	ECEA1HUR47	ELECT	50V	0.47mF		C1412	ECUV1H100DCX	S.M. CAP	50V	10pF
C1022	ECEA1HUR47	ELECT	50V	0.47mF		C1413	ECUV1H220JCX	S.M. CAP	50V	22pF
C1023	ECUV1H221JCX	S.M. CAP	50V	220pF		C1416	ECUV1H070DCX	S.M. CAP	50V	7pF
C1024	ECUV1H221JCX	S.M. CAP	50V	220pF		C1417	ECUV1H560JCX	S.M. CAP	50V	56pF
C1031	ECEA1HNR47	ELECT	50V	0.47mF		C1444	ECUV1H102KBX	S.M. CAP	50V	1nF
C1032	ECEA1HUR47	ELECT	50V	0.47mF		C1454	ECUV1H102KBX	S.M. CAP	50V	1nF
C1033	ECUV1H221JCX	S.M. CAP	50V	220pF		C1463	ECUV1H102KBX	S.M. CAP	50V	1nF
C1034	ECUV1H221JCX	S.M. CAP	50V	220pF		C1465	ECUV1H560JCX	S.M. CAP	50V	56pF
C1036	ECEA1CU470	ELECT	16V	47mF		C1467	ECUV1H102KBX	S.M. CAP	50V	1nF
C1038	ECEA1CU470	ELECT	16V	47mF		C1468	ECUV1H102KBX	S.M. CAP	50V	1nF
C1041	ECUV1H103KBX	S.M. CAP	50V	10nF		C1473	ECUV1H102KBX	S.M. CAP	50V	1nF
C1042	ECUV1H103KBX	S.M. CAP	50V	10nF		C1475	ECUV1H560JCX	S.M. CAP	50V	56pF
C1043	ECEA1HUR47	ELECT	50V	0.47mF		C1483	ECUV1H102KBX	S.M. CAP	50V	1nF
C1044	ECEA1HUR47	ELECT	50V	0.47mF		C1487	ECUV1H103KBX	S.M. CAP	50V	10nF
C1051	ECEA1HNR33	ELECT	50V	0.33mF		C1493	ECUV1H102KBX	S.M. CAP	50V	1nF
C1052	ECEA1HNR33	ELECT	50V	0.33mF		C1497	ECUV1H103KBX	S.M. CAP	50V	10nF
C1071	ECEA1CN470	ELECT	16V	47mF		C1601	ECEA1CU470	ELECT	16V	47mF
C1091	ECEA1CU470	ELECT	16V	47mF		C1602	ECUV1H103KBX	S.M. CAP	50V	10nF
C1101	ECEA1HUR47	ELECT	50V	0.47mF		C1606	ECEA0JU102	ELECT	6.3V	1000mF
C1111	ECEA1HU470	ELECT	50V	47mF		C1607	ECUV1H103KBX	S.M. CAP	50V	10nF
C1112	ECUV1H473ZFX	S.M. CAP	50V	47nF		C1611	ECEA1CU470	ELECT	16V	47mF
C1116	ECUV1H473ZFX	S.M. CAP	50V	47nF		C1612	ECUV1H103KBX	S.M. CAP	50V	10nF
C1121	ECEA1HUR47	ELECT	50V	0.47mF		C1613	ECEA1CU100	ELECT	16V	10mF
C1124	ECUV1H473ZFX	S.M. CAP	50V	47nF		C1614	ECUV1H473ZFX	S.M. CAP	50V	47nF
C1126	ECEA1CU470	ELECT	16V	47mF		C1615	ECUV1H103KBX	S.M. CAP	50V	10nF
C1151	ECUV1H102KBX	S.M. CAP	50V	1nF		C1616	ECUV1H101JCX	S.M. CAP	50V	100pF
C1158	ECEA1HUR47	ELECT	50V	0.47mF		C1617	ECUV1H470JCX	S.M. CAP	50V	47pF
C1161	ECUV1H102KBX	S.M. CAP	50V	1nF		C1618	ECUV1H470JCX	S.M. CAP	50V	47pF
C1178	ECUV1H473ZFX	S.M. CAP	50V	47nF		C1619	ECUV1H103KBX	S.M. CAP	50V	10nF
C1179	ECEA1CU470	ELECT	16V	47mF		C1620	ECUV1H102KBX	S.M. CAP	50V	1nF
C1183	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1621	ECUV1H103KBX	S.M. CAP	50V	10nF
C1193	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1622	ECEA1CU100	ELECT	16V	10mF
C1226	ECUV1H560JCX	S.M. CAP	50V	56pF		C1624	ECEA1HNR22	ELECT	50V	0.22mF
C1231	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1625	ECUV1H101JCX	S.M. CAP	50V	100pF
C1241	ECUV1H472KBX	S.M. CAP	50V	4.7nF		C1626	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1242	ECUV1H472KBX	S.M. CAP	50V	4.7nF		C1627	ECEA1HNR22	ELECT	50V	0.22mF
C1263	ECUV1H102KBX	S.M. CAP	50V	1nF		C1641	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1266	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1651	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1271	ECUV1H102KBX	S.M. CAP	50V	1nF		C1652	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1273	ECEA1HUR47	ELECT	50V	0.47mF		C1653	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1282	ECEA1HUR47	ELECT	50V	0.47mF		C1655	ECEA1CU470	ELECT	16V	47mF
C1284	ECEA1HUR47	ELECT	50V	0.47mF		C1661	ECUV1H102KBX	S.M. CAP	50V	1nF
C1301	ECEA1CU100	ELECT	16V	10mF		C1662	ECUV1H683ZFX	S.M. CAP	50V	68nF
C1302	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1663	ECUV1H102KBX	S.M. CAP	50V	1nF
C1303	ECEA1CU100	ELECT	16V	10mF		C1666	ECUV1H102KBX	S.M. CAP	50V	1nF
C1304	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1667	ECUV1H683ZFX	S.M. CAP	50V	68nF
C1306	ECEA1CU101	ELECT	16V	100mF		C1668	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1307	ECUV1H104ZFX	S.M. CAP	50V	100nF		C1672	ECEA1CU100	ELECT	16V	10mF
C1309	ECEA1CU100	ELECT	16V	10mF		C1673	ECUV1H104ZFX	S.M. CAP	50V	100nF

C1680	ECUV1H471JCX	S.M. CAP	50V	470pF	C2607	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1681	ECUV1H102KBX	S.M. CAP	50V	1nF	C2609	ECEA1CKA470	ELECT	16V	47mF
C1682	ECUV1H102KBX	S.M. CAP	50V	1nF	C2611	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1683	ECUV1H271JCX	S.M. CAP	50V	270pF	C2612	ECEA1CKA470	ELECT	16V	47mF
C1684	ECUV1H121JCX	S.M. CAP	50V	120pF	C2613	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1685	ECUV1H102KBX	S.M. CAP	50V	1nF	C2614	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1686	ECUV1H271JCX	S.M. CAP	50V	270pF	C2615	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1687	ECUV1H121JCX	S.M. CAP	50V	120pF	C2616	ECEA1CKA470	ELECT	16V	47mF
C1688	ECUV1H471JCX	S.M. CAP	50V	470pF	C2617	ECEA1HKNR47	ELECT	50V	0.47mF
C1691	ECUV1H104ZFX	S.M. CAP	50V	100nF	C2618	ECEA1CKA470	ELECT	16V	47mF
C1692	ECUV1H104ZFX	S.M. CAP	50V	100nF	C2619	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1693	ECUV1H104ZFX	S.M. CAP	50V	100nF	C2620	ECEA1CKA100	ELECT	16V	10mF
C1696	ECUV1H102KBX	S.M. CAP	50V	1nF	C2621	ECQM1H474J	FILM	50V	470nF
C1697	ECUV1H100DCX	S.M. CAP	50V	10pF	C2623	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1698	ECUV1H102KBX	S.M. CAP	50V	1nF	C2625	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1699	ECUV1H100DCX	S.M. CAP	50V	10pF	C2627	ECEA1CKA470	ELECT	16V	47mF
C1701	ECEA1CU470	ELECT	16V	47mF	C2628	ERJ6GEY0R00	WIRE LINK		
C1702	ECUV1H103KBX	S.M. CAP	50V	10nF	C2630	ECEA1CKA470	ELECT	16V	47mF
C1704	ECEA1CU470	ELECT	16V	47mF	C2631	ECEA1CKA470	ELECT	16V	47mF
C1706	ECUV1H104ZFX	S.M. CAP	50V	100nF	C2632	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1714	ECUV1H103KBX	S.M. CAP	50V	10nF	C2633	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1717	ECUV1H102KBX	S.M. CAP	50V	1nF	C2634	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1721	ECUV1H473ZFX	S.M. CAP	50V	47nF	C2635	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1722	ECUV1H102KBX	S.M. CAP	50V	1nF	C2636	ECEA1CKA100	ELECT	16V	10mF
C1752	ECUV1H103KBX	S.M. CAP	50V	10nF	C2645	ECUV1H331JCX	S.M. CAP	50V	330pF
C1753	ECEA1CU100	ELECT	16V	10mF	C2651	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1801	ECUV1H103KBX	S.M. CAP	50V	10nF	C2652	ECUV1H470JCX	S.M. CAP	50V	47pF
C1802	ECEA1CU470	ELECT	16V	47mF	C2653	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1804	ECUV1H103KBX	S.M. CAP	50V	10nF	C2654	ECUV1H680JCX	S.M. CAP	50V	68pF
C1811	ECUV1H332KBX	S.M. CAP	50V	3.3nF	C2655	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1816	ERJ6GEYJ153	S.M.CARB	0.1W5%	15KW	C2656	ECUV1H102KBX	S.M. CAP	50V	1nF
C1826	ERJ6GEYJ153	S.M.CARB	0.1W5%	15KW	C2657	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1836	ECUV1H104ZFX	S.M. CAP	50V	100nF	C2658	ECEA1HKA4R7	ELECT	50V	4.7mF
C1838	ECUV1H101JCX	S.M. CAP	50V	100pF	C2660	ECEA1HKA4R7	ELECT	50V	4.7mF
C1843	ECUV1H472KBX	S.M. CAP	50V	4.7nF	C2661	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1845	ECUV1H560JCX	S.M. CAP	50V	56pF	C2662	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1849	ECEA1HU4R7	ELECT	50V	4.7mF	C2664	ECEA1HKA4R7	ELECT	50V	4.7mF
C1851	ECUV1H470JCX	S.M. CAP	50V	47pF	C2665	ECEA1HKA4R7	ELECT	50V	4.7mF
C1852	ECUV1H390JCX	S.M. CAP	50V	39pF	C2666	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1853	ECUV1H390JCX	S.M. CAP	50V	39pF	C2667	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1857	ECUV1H560JCX	S.M. CAP	50V	56pF	C2668	ECEA1HKA0R1	ELECT	50V	0.1mF
C1859	ECUV1H560JCX	S.M. CAP	50V	56pF	C2669	ECUV1H181JCX	S.M. CAP	50V	180pF
C1871	ECUV1H103KBX	S.M. CAP	50V	10nF	C2670	ECEA1HKA2R2	ELECT	50V	2.2mF
C1879	ECUV1H560JCX	S.M. CAP	50V	56pF	C2671	ECUV1H152KBX	S.M. CAP	50V	1.5pF
C1888	ECUV1H103KBX	S.M. CAP	50V	10nF	C2672	ECUV1H223KBX	S.M. CAP	50V	22nF
C1891	ECUV1H102KBX	S.M. CAP	50V	1nF	C2673	ECUV1H220JCX	S.M. CAP	50V	22pF
C1893	ECUV1H102KBX	S.M. CAP	50V	1nF	C2674	ECEA1HKA4R7	ELECT	50V	4.7mF
C1894	ECUV1H102KBX	S.M. CAP	50V	1nF	C2675	ECUV1H181JCX	S.M. CAP	50V	180pF
C1922	ECUV1H103KBX	S.M. CAP	50V	10nF	C2676	ECEA1CKA100	ELECT	16V	10mF
C1925	ECUV1H103KBX	S.M. CAP	50V	10nF	C2677	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1931	ECUV1H103KBX	S.M. CAP	50V	10nF	C2678	ECUV1H180JCX	S.M. CAP	50V	18pF
C1941	ECUV1H103KBX	S.M. CAP	50V	10nF	C2679	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1942	ECEA1CU470	ELECT	16V	47mF	C2680	ECEA1CKA470	ELECT	16V	47mF
C1961	ECUV1H332KBX	S.M. CAP	50V	3.3nF	C2681	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1962	ECUV1H332KBX	S.M. CAP	50V	3.3nF	C2682	ECEA1CKA100	ELECT	16V	10mF
C1963	ECUV1H332KBX	S.M. CAP	50V	3.3nF	C2683	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1964	ECUV1H332KBX	S.M. CAP	50V	3.3nF	C2684	ECEA1CKA470	ELECT	16V	47mF
C1971	ECUV1H104ZFX	S.M. CAP	50V	100nF	C2685	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1972	ECEA1CU470	ELECT	16V	47mF	C2686	ECUV1H104ZFX	S.M. CAP	50V	100nF
C1973	ECUV1H104ZFX	S.M. CAP	50V	100nF	C3101	ECUV1H030CCX	S.M. CAP	50V	30pF
C1974	ECUV1H104ZFX	S.M. CAP	50V	100nF	C3102	ECUV1H103ZFX	S.M. CAP	50V	10nF
C1976	ECUV1H104ZFX	S.M. CAP	50V	100nF	C3103	ECEA1HU100	ELECT	50V	10mF
C1977	ECEA1CU470	ELECT	16V	47mF	C3122	ECUV1H102KBX	S.M. CAP	50V	1nF
C1981	ECUV1H104ZFX	S.M. CAP	50V	100nF	C3124	ECUV1H471JCX	S.M. CAP	50V	470pF
C1982	ECUV1H101JCX	S.M. CAP	50V	100pF	C3131	ECKC2H471J	CERAMIC	500V	470pF
C2603	ECUV1H100DCX	S.M. CAP	50V	10pF	C3134	ECEA1CU101	ELECT	16V	100mF
C2604	ECUV1H104ZFX	S.M. CAP	50V	100nF	C3136	ECKC2H471J	CERAMIC	500V	470pF
C2605	ECEA1CKA470	ELECT	16V	47mF	C3139	ECEA1CU101	ELECT	16V	100mF
C2606	ECUV1H104ZFX	S.M. CAP	50V	100nF	C3141	ECEA1CU471	ELECT	16V	470mF



C3143	ECEA1CU100	ELECT	16V	10mF
C3144	ECEA1CU470	ELECT	16V	47mF
C3146	ECEA2EU220	ELECT	250V	22mF
C3152	ECEA2EU220	ELECT	250V	22mF
C3153	ECEA1VU101	ELECT	35V	100mF
C3168	ECUV1H103ZFX	S.M. CAP	50V	10nF
C3169	ECEA1CU100	ELECT	16V	10mF
C3177	ECUV1H150JCX	S.M. CAP	50V	15pF
C3178	ECUV1H103ZFX	S.M. CAP	50V	10nF
C3179	ECEA1CU100	ELECT	16V	10mF
C3187	ECUV1H121JCX	S.M. CAP	50V	120pF
C3188	ECUV1H103ZFX	S.M. CAP	50V	10nF
C3189	ECEA1CU100	ELECT	16V	10mF
C3356	ECEA1CU220	ELECT	16V	22mF
C3357	ECUV1H104ZFX	S.M. CAP	50V	100nF
C3364	ECKC3A331J	CERAMIC	1000V	330pF
C3366	ECEA2EU220	ELECT	250V	22mF
C3367	ECQM2104KZ	FILM	250V	100nF
C3369	ECEA1CU100	ELECT	16V	10mF
C3373	ECUV1H104ZFX	S.M. CAP	50V	100nF
C3377	ECUV1H681JCX	S.M. CAP	50V	680pF
C3383	ECUV1H104ZFX	S.M. CAP	50V	100nF
C3387	ECUV1H681JCX	S.M. CAP	50V	680pF
C3392	ECEA1CU471	ELECT	16V	470mF
C3393	ECUV1H104ZFX	S.M. CAP	50V	100nF
C3397	ECUV1H681JCX	S.M. CAP	50V	680pF
C4701	ECUV1H151JCX	S.M. CAP	50V	150pF
C4702	ECUV1H331JCX	S.M. CAP	50V	330pF
C4703	ECEA1HKAR47	ELECT	50V	0.47mF
C4704	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4705	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4706	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4707	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4708	ECEA1CKA100	ELECT	16V	10mF
C4709	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4710	ECEA1CKA100	ELECT	16V	10mF
C4711	ECUV1H390JPX	S.M. CAP	50V	39pF
C4712	ECUV1H150JCX	S.M. CAP	50V	15pF
C4713	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4714	ECEA1EKA100	ELECT	25V	10mF
C4715	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4716	ECEA1CKA100	ELECT	16V	10mF
C4717	ECUV1H683ZFX	S.M. CAP	50V	68nF
C4718	ECUV1H102KBX	S.M. CAP	50V	1nF
C4719	ECEA1HKAR47	ELECT	50V	0.47mF
C4720	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4721	ECEA1HKA2R2	ELECT	50V	2.2mF
C4722	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4723	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4724	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4725	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4726	ECEA1CKA470	ELECT	16V	47mF
C4729	ECUV1H102KBX	S.M. CAP	50V	1nF
C4730	ECUV1H102KBX	S.M. CAP	50V	1nF
C4733	ECUV1H270JPX	S.M. CAP	50V	27pF
C4742	ECUV1H100DCX	S.M. CAP	50V	10pF
C4744	ECUV1H100DCX	S.M. CAP	50V	10pF
C4745	ECUV1H102KBX	S.M. CAP	50V	1nF
C4746	ECUV1H104ZFX	S.M. CAP	50V	100nF
C4747	ECUV1H102KBX	S.M. CAP	50V	1nF
C4748	ECUV1H102KBX	S.M. CAP	50V	1nF
C4749	ECUV1H102KBX	S.M. CAP	50V	1nF
C4790	ECEA1HKA010	ELECT	50V	1mF
C6101	ECEA1HU471	ELECT	50V	470mF
C6102	ECQM1H334J	FILM	50V	330nF
C6103	ECQM1H104J	FILM	50V	100nF
C6104	ECEA1HU101	ELECT	50V	100mF
C6106	ECEA1HU101	ELECT	50V	100mF
C6301	ECEA1CU470	ELECT	16V	47mF
C6303	ECUV1H103ZFX	S.M. CAP	50V	10nF
C6401	ECEA1CU101	ELECT	16V	100mF

C6402	ECEA1CU101	ELECT	16V	100mF
C6403	ECUV1H103ZFX	S.M. CAP	50V	10nF
C6406	ECEA1HU4R7	ELECT	50V	4.7mF
C6407	ECUV1H102KBX	S.M. CAP	50V	1nF
C6408	ECEA1HU4R7	ELECT	50V	4.7mF
C6409	ECUV1H561JCX	S.M. CAP	50V	560pF
C6410	ECUV1H561JCX	S.M. CAP	50V	560pF
C6417	ECEA1CU471	ELECT	16V	470mF
C6418	ECUV1H103ZFX	S.M. CAP	50V	10nF
C6436	ECEA1HU4R7	ELECT	50V	4.7mF
C6437	ECUV1H102KBX	S.M. CAP	50V	1nF
C6438	ECEA1HU4R7	ELECT	50V	4.7mF
C6447	ECEA1CU471	ELECT	16V	470mF
C6448	ECUV1H103ZFX	S.M. CAP	50V	10nF
C6491	ECUV1H271JCX	S.M. CAP	50V	270pF
C6591	ECUV1H271JCX	S.M. CAP	50V	270pF
C6812	ECQU2A154MN	FILM	250V	150nF
C6815	ECQU2A224MN	FILM	250V	220nF

DIODES

D206	MA4300	DIODE
D465	MA165TA5	DIODE
D466	MA165TA5	DIODE
D467	MA165TA5	DIODE
D468	MA165TA5	DIODE
D471	MA700TA5	DIODE
D481	MA700TA5	DIODE
D491	MA167TA5	DIODE
D526	MA165TA5	DIODE
D527	EU02	DIODE
D536	ERB0615	DIODE TYPD0753VAG
D537	TVSRU2AM	DIODE
D544	TVSES1FV1	DIODE
D547	AU02V0	DIODE
D548	MA165TA5	DIODE
D549	MA167TA5	DIODE
D557	EU02	DIODE
D561	ERA15-02V3	DIODE
D562	MA165TA5	DIODE
D563	MA165TA5	DIODE
D567	MA4062	DIODE
D613	RBV4-08	DIODE
D622	MA167TA5	DIODE
D624	BYT56K15/10	DIODE
D630	MA165TA5	DIODE
D636	MA167TA5	DIODE
D651	RG4CLFL1	DIODE
D656	EU02	DIODE
D661	ERD32-02L7	DIODE
D671	ERD32-02L7	DIODE
D674	MA4120	DIODE
D678	MA4027	DIODE
D681	EU02	DIODE
D686	RU4AMLF-M1	DIODE
D1019	PMLL5242B	DIODE
D1020	PMLL5242B	DIODE
D1023	PMLL5242B	DIODE
D1024	PMLL5242B	DIODE
D1033	PMLL5242B	DIODE
D1034	PMLL5242B	DIODE
D1036	PMLL5242B	DIODE
D1038	PMLL5242B	DIODE
D1070	PMLL5242B	DIODE
D1080	PMLL4148L	DIODE
D1081	PMLL4148L	DIODE
D1082	PMLL4148L	DIODE
D1090	PMLL5242B	DIODE
D1121	PMLL5242B	DIODE
D1123	PMLL5242B	DIODE
D1156	PMLL5242B	DIODE

D1158	PMLL5242B	DIODE	I1601	VDP3108-25	VIDEO PROCESSOR
D1172	PMLL5242B	DIODE	I1701	TPU3040-18	TEXT PROCESSOR
D1221	PMLL5232B	DIODE	I1751	81C1000A-70P	DRAM
D1222	PMLL5232B	DIODE	I1801	CCU3000I-05	CENTRAL CONTROL UNIT
D1270	PMLL5242B	DIODE	I1871	27C010-07A1E	EPROM
D1273	PMLL5242B	DIODE	I1981	MN1280R	RESET
D1282	PMLL5242B	DIODE	I2601	MC141625A	FILTER
D1284	PMLL5242B	DIODE	I2651	UPC1860GS-E1	DELAY
D1381	PMLL5239B	DIODE	I4700	LA7577N	V.I.F.
D1382	PMLL4148L	DIODE	I4701	AN78N12	12V REGULATOR
D1617	PMLL4148L	DIODE	I6101	AN78L05TA	5V REGULATOR
D1623	PMLL4148L	DIODE	I6301	RPM-637CBRS1	LED RECEIVER
D1624	PMLL4148L	DIODE			
D1681	PMLL4148L	DIODE			
D1682	PMLL4148L	DIODE			
D1941	PMLL5232B	DIODE			
D3126	PMLL4148L	DIODE			
D3127	PMLL4148L	DIODE			
D3133	PMLL4148L	DIODE			
D3138	PMLL4148L	DIODE			
D3368	PMLL4148L	DIODE			
D3372	MA165TA5	DIODE			
D3373	PMLL4148L	DIODE			
D3374	PMLL4148L	DIODE			
D3377	PMLL4148L	DIODE			
D3382	MA165TA5	DIODE			
D3383	PMLL4148L	DIODE			
D3384	PMLL4148L	DIODE			
D3387	PMLL4148L	DIODE			
D3391	MA165TA5	DIODE			
D3392	MA165TA5	DIODE			
D3393	PMLL4148L	DIODE			
D3394	PMLL4148L	DIODE			
D3397	PMLL4148L	DIODE			
D6101	TVSS1WBS10	DIODE			
D6103	PMLL4148L	DIODE			
D6106	PMLL4148L	DIODE			
D6301	LN81RPHL	DIODE			
D6381	PMLL4148L	DIODE			
D6382	PMLL4148L	DIODE			
D6391	PMLL4148L	DIODE			
D6392	PMLL4148L	DIODE			
D6491	PMLL4148L	DIODE			
D6492	PMLL4148L	DIODE			
D6591	PMLL4148L	DIODE			
D6592	PMLL4148L	DIODE			

FUSES

F547	TR5-T2000	FUSE	⚠
F656	TR5-T1250	FUSE	⚠
F661	TR5-T2000	FUSE	⚠
F671	TR5-T2000	FUSE	⚠
F6811	2153.15H	FUSE	⚠
F68111	EYF52BC	FUSE HOLDER	
F68112	EYF52BC	FUSE HOLDER	

INTEGRATED CIRCUITS

I466	LA4282	AUDIO OUTPUT
I561	TDA8175-3	VERTICAL OUTPUT
I611	TDA4605-3	SWITCHABLE POWER SUPPLY
I646	L78M09MRB	9V REGULATOR
I661	LM317T	12V REGULATOR
I676	TL431ACLPM	COIL
I1011	TEA6420	AUDIO SWITCH
I1111	TEA6415B	VIDEO SWITCH
I1301	MSP3410-15	AUDIO PROCESSOR
I1351	AN78L08TA	8V REGULATOR

SOCKETS/TERMINALS/LINK WIRES

BC1	ERJ6GEY0R00	WIRE LINK
BC2	ERJ6GEY0R00	WIRE LINK
BC4	ERJ6GEY0R00	WIRE LINK
BC5	ERJ6GEY0R00	WIRE LINK
B11	ERJ6GEY0R00	WIRE LINK
B12	ERJ6GEY0R00	WIRE LINK
B15	ERJ6GEY0R00	WIRE LINK
B16	ERJ6GEY0R00	WIRE LINK
B17	ERJ6GEY0R00	WIRE LINK
B18	ERJ6GEY0R00	WIRE LINK
B19	ERJ6GEY0R00	WIRE LINK
H1871	832AG11D-ESL	I.C. SOCKET
JC1001	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1002	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1003	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1004	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1005	ERJ6GEY0R00	WIRE LINK
JC1006	ERJ6GEY0R00	WIRE LINK
JC1007	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1008	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1009	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1010	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1011	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1012	ERJ6GEY0R00	WIRE LINK
JC1013	ERJ6GEY0R00	WIRE LINK
JC1014	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1015	ERJ6GEY0R00	WIRE LINK
JC1016	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1017	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1018	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1019	ERJ6GEY0R00	WIRE LINK
JC1020	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1021	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1022	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1023	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1024	ERJ6GEY0R00	WIRE LINK
JC1025	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1026	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1027	ERJ6GEY0R00	WIRE LINK
JC1029	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1030	ERJ6GEY0R00	WIRE LINK
JC1031	ERJ6GEY0R00	WIRE LINK
JC1032	ERJ6GEY0R00	WIRE LINK
JC1033	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1034	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1035	ERJ6GEY0R00	WIRE LINK
JC1036	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1037	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1040	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1041	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1042	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1043	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1044	ERJ8GEY0R00	METAL 0.125W 1% 0W
JC1045	ERJ6GEY0R00	WIRE LINK

JC1047	ERJ8GEY0R00	METAL 0.125W 1% 0W	W1951	MKS165810808	CONNECTOR
JC1048	ERJ6GEY0R00	WIRE LINK			
JC1049	ERJ8GEY0R00	METAL 0.125W 1% 0W			
JC1050	ERJ8GEY0R00	METAL 0.125W 1% 0W	COILS		
JC1051	ERJ6GEY0R00	WIRE LINK	L204	ELER220KA	COIL
JC1052	ERJ8GEY0R00	METAL 0.125W 1% 0W	L206	EXCELSA35T	COIL
JC1053	ERJ8GEY0R00	METAL 0.125W 1% 0W	L230	EXCELSA24T	COIL
JC1054	ERJ8GEY0R00	METAL 0.125W 1% 0W	L538	297-23293	COIL
JC1055	ERJ6GEY0R00	WIRE LINK	L542	ELC08D055	COIL
JC1056	ERJ6GEY0R00	WIRE LINK	L554	ELER220KA	COIL
JC1057	ERJ6GEY0R00	WIRE LINK	L626	EXCELDR35C	COIL
JC1058	ERJ8GEY0R00	METAL 0.125W 1% 0W	L650	EXCELDR35C	COIL
JC1059	ERJ8GEY0R00	METAL 0.125W 1% 0W	L686	EXCELSA35T	COIL
JC1060	ERJ6GEY0R00	WIRE LINK	L1037	TSC925-4	CHOKE
JC1061	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1301	EXCELDR35V	COIL
JC1062	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1303	EXCELDR35V	COIL
JC1064	ERJ6GEY0R00	WIRE LINK	L1351	ELEV4R7KA	COIL
JC1065	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1413	ELEV6R8KA	COIL
JC1066	ERJ6GEY0R00	WIRE LINK	L1601	ELEV4R7KA	COIL
JC1067	ERJ6GEY0R00	WIRE LINK	L1606	EXCELDR35V	COIL
JC1068	ERJ6GEY0R00	WIRE LINK	L1611	ELEV4R7KA	COIL
JC1069	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1619	EXCELDR35V	COIL
JC1070	ERJ6GEY0R00	WIRE LINK	L1622	ELEV4R7KA	COIL
JC1071	ERJ6GEY0R00	WIRE LINK	L1634	EXCEMT101BT	COIL
JC1072	ERJ6GEY0R00	WIRE LINK	L1644	EXCEMT101BT	COIL
JC1073	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1652	ELEV4R7KA	COIL
JC1074	ERJ6GEY0R00	WIRE LINK	L1654	EXCEMT101BT	COIL
JC1075	ERJ6GEY0R00	WIRE LINK	L1684	ELEMV1R5MA	COIL
JC1076	ERJ6GEY0R00	WIRE LINK	L1687	ELEMV1R5MA	COIL
JC1077	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1691	EXCEMT101BT	COIL
JC1078	ERJ6GEY0R00	WIRE LINK	L1692	EXCEMT101BT	COIL
JC1079	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1693	EXCEMT101BT	COIL
JC1080	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1694	EXCEMT101BT	COIL
JC1081	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1701	ELEV4R7KA	COIL
JC1082	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1714	EXCELDR35V	COIL
JC1083	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1751	EXCELDR35V	COIL
JC1084	ERJ6GEY0R00	WIRE LINK	L1801	ELEV4R7KA	COIL
JC1085	ERJ6GEY0R00	WIRE LINK	L1837	EXCELDR35V	COIL
JC1086	ERJ6GEY0R00	WIRE LINK	L1845	ELEV3R3KA	COIL
JC1087	ERJ6GEY0R00	WIRE LINK	L1857	ELEV3R3KA	COIL
JC1088	ERJ6GEY0R00	WIRE LINK	L1859	ELEV3R3KA	COIL
JC1089	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1871	EXCELDR35V	COIL
JC1090	ERJ6GEY0R00	WIRE LINK	L1878	ELEV3R3KA	COIL
JC1091	ERJ6GEY0R00	WIRE LINK	L1888	ELEV4R7KA	COIL
JC1093	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1931	ELEV4R7KA	COIL
JC1094	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1941	EXCELDR35V	COIL
JC1095	ERJ8GEY0R00	METAL 0.125W 1% 0W	L1972	EXCELDR35V	COIL
JC1096	ERJ6GEY0R00	WIRE LINK	L1974	EXCELDR35V	COIL
JC1097	ERJ6GEY0R00	WIRE LINK	L1977	EXCELDR35V	COIL
JC1098	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2602	TLT221K991R	COIL
JC1099	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2603	TLT221K991R	COIL
JC1100	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2604	TLT221K991R	COIL
JC1101	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2605	TLT220K991R	COIL
JC1102	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2607	TLT220K991R	COIL
JC1103	ERJ6GEY0R00	WIRE LINK	L2608	EXCELDR35V	COIL
JC1104	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2609	EXCELDR35V	COIL
JC1105	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2651	TLT150K991R	COIL
JC1106	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2653	TLT101K991R	COIL
JC1107	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2654	TLT101K991R	COIL
JC1108	ERJ8GEY0R00	METAL 0.125W 1% 0W	L2655	TLT101K991R	COIL
JC1109	ERJ6GEY0R00	WIRE LINK	L2656	TLT100K991R	COIL
JC1111	ERJ6GEY0R00	WIRE LINK	L3161	SDL-4101	COIL
JC1112	ERJ6GEY0R00	WIRE LINK	L3171	SDL-4101	COIL
JC1113	ERJ6GEY0R00	WIRE LINK	L3181	SDL-4101	COIL
JC1114	ERJ8GEY0R00	METAL 0.125W 1% 0W	L4701	ELESNR47KA	COIL
JC1115	ERJ6GEY0R00	WIRE LINK	L4704	ELESN2R2KA	COIL
JC1116	ERJ6GEY0R00	WIRE LINK	L4705	EIV7EN200B	COIL
JC1117	ERJ6GEY0R00	WIRE LINK	L4706	EIV7EN201B	COIL
JC1118	ERJ6GEY0R00	WIRE LINK	L4707	ELESN100KA	COIL
JK6401	TJB16656	A.V. TERMINAL	L6403	ELEBT6R8KA	COIL
J2	ERJ6GEY0R00	WIRE LINK	L6404	ELEBT6R8KA	COIL

L6417	ELEBT6R8KA	COIL
L6447	ELEBT6R8KA	COIL
L6811	ELF18D415F	FILTER
L6812	ELF18D415F	FILTER

CONTROLS

P633	EVMEASA00B52	CONTROL 500W
P2601	EVND4AA00B13	CONTROL 1KW
P3362	RH092GDJ6J	VARIABLE RESISTOR
P3368	EVN65UA00B24	CONTROL 20KW
P4701	EVNDXAA03B53	CONTROL 5KW

TRANSISTORS

Q463	BC557B	TRANSISTOR
Q465	BC547B	TRANSISTOR
Q494	BC547B	TRANSISTOR
Q496	BC547B	TRANSISTOR
Q497	BC557B	TRANSISTOR
Q498	BC547B	TRANSISTOR
Q526	2SD836-AL	TRANSISTOR
Q534	BU2508AXRL	TRANSISTOR
Q591	BC557B	TRANSISTOR
Q592	BC557B	TRANSISTOR
Q593	BC547B	TRANSISTOR
Q594	2SD1265A	TRANSISTOR
Q624	2SK1118LB	TRANSISTOR
Q667	BC547B	TRANSISTOR
Q674	BUZ71AF1	TRANSISTOR
Q681	BC557B	TRANSISTOR
Q682	2SA1535LB	TRANSISTOR
Q1071	BC817-25	TRANSISTOR
Q1091	BC817-25	TRANSISTOR
Q1123	BC847B	TRANSISTOR
Q1163	BC847B	TRANSISTOR
Q1167	BC857B	TRANSISTOR
Q1172	BC847B	TRANSISTOR
Q1182	BC847B	TRANSISTOR
Q1192	BC847B	TRANSISTOR
Q1221	BC847B	TRANSISTOR
Q1222	BC847B	TRANSISTOR
Q1267	BC847B	TRANSISTOR
Q1382	BC857B	TRANSISTOR
Q1466	BC860B	TRANSISTOR
Q1476	BC860B	TRANSISTOR
Q1486	BC860B	TRANSISTOR
Q1496	BC860B	TRANSISTOR
Q1609	BC847B	TRANSISTOR
Q1612	BC847B	TRANSISTOR
Q1631	BC847B	TRANSISTOR
Q1633	BC847B	TRANSISTOR
Q1636	BC857B	TRANSISTOR
Q1641	BC847B	TRANSISTOR
Q1643	BC847B	TRANSISTOR
Q1646	BC857B	TRANSISTOR
Q1651	BC847B	TRANSISTOR
Q1653	BC847B	TRANSISTOR
Q1656	BC857B	TRANSISTOR
Q1663	BC847B	TRANSISTOR
Q1664	BC847B	TRANSISTOR
Q1667	BC847B	TRANSISTOR
Q1673	BC847B	TRANSISTOR
Q1812	BC847B	TRANSISTOR
Q1816	BC847B	TRANSISTOR
Q1822	BC847B	TRANSISTOR
Q1824	BC847B	TRANSISTOR
Q1827	BC857B	TRANSISTOR
Q1831	BC847B	TRANSISTOR

Q2601	BC847B	TRANSISTOR
Q2602	BC847B	TRANSISTOR
Q2603	BC847B	TRANSISTOR
Q2604	BC847B	TRANSISTOR
Q2605	BC857B	TRANSISTOR
Q2606	BC857B	TRANSISTOR
Q2607	BC847B	TRANSISTOR
Q2608	BC847B	TRANSISTOR
Q2609	BC857B	TRANSISTOR
Q2610	BC857B	TRANSISTOR
Q2611	BC857B	TRANSISTOR
Q2612	BC857B	TRANSISTOR
Q2613	BC847B	TRANSISTOR
Q2614	BC847B	TRANSISTOR
Q2616	BC847B	TRANSISTOR
Q2651	BC847B	TRANSISTOR
Q2653	BC847B	TRANSISTOR
Q3108	BC847B	TRANSISTOR
Q3109	BC847B	TRANSISTOR
Q3111	BC857B	TRANSISTOR
Q3122	BC847B	TRANSISTOR
Q3126	BC847B	TRANSISTOR
Q3127	BC857B	TRANSISTOR
Q3131	2SB940APLB	TRANSISTOR
Q3136	2SD1264APLB	TRANSISTOR
Q3143	BC847B	TRANSISTOR
Q3162	BC857B	TRANSISTOR
Q3164	BC847B	TRANSISTOR
Q3166	BC857B	TRANSISTOR
Q3169	BC857B	TRANSISTOR
Q3172	BC857B	TRANSISTOR
Q3174	BC847B	TRANSISTOR
Q3176	BC857B	TRANSISTOR
Q3179	BC857B	TRANSISTOR
Q3182	BC857B	TRANSISTOR
Q3184	BC847B	TRANSISTOR
Q3186	BC857B	TRANSISTOR
Q3189	BC857B	TRANSISTOR
Q3359	BC847B	TRANSISTOR
Q3368	2SB710A-XR	TRANSISTOR
Q3371	BC857B	TRANSISTOR
Q3373	2SC4714RL2	TRANSISTOR
Q3374	2SC3063RL	TRANSISTOR
Q3377	2SA1698RL	TRANSISTOR
Q3381	BC857B	TRANSISTOR
Q3383	2SC4714RL2	TRANSISTOR
Q3384	2SC3063RL	TRANSISTOR
Q3387	2SA1698RL	TRANSISTOR
Q3391	BC857B	TRANSISTOR
Q3392	2SA1309ATA	TRANSISTOR
Q3393	2SC4714RL2	TRANSISTOR
Q3394	2SC3063RL	TRANSISTOR
Q3397	2SA1698RL	TRANSISTOR
Q4701	BC847B	TRANSISTOR
Q4702	BC847B	TRANSISTOR
Q4703	BC847B	TRANSISTOR
Q4704	BF370-126	TRANSISTOR
Q4705	BF370-126	TRANSISTOR
Q6111	BC847B	TRANSISTOR
Q6114	BC847B	TRANSISTOR
Q6403	BC847B	TRANSISTOR
Q6413	BC847B	TRANSISTOR
Q6417	BC857B	TRANSISTOR
Q6433	BC847B	TRANSISTOR
Q6443	BC847B	TRANSISTOR
Q6447	BC857B	TRANSISTOR

RESISTORS

RESISTORS						R633	ERO25CKF3921	METAL	0.25W	1%3R92KW	⚡
RL6101	TSE10818	RELAY				R634	ERDS1TJ1R5	CARBON	0.5W	5% 1R5W	
	ERD25TJ223	CARBON	0.25W	5%	22KW	R636	ERD25TJ473	CARBON	0.25W	5% 47KW	⚡
	ERG2ANJ223	METAL	2W	5%	22KW	R639	ERD75TAJ825	CARBON	0.75W	5% 8M2W	⚡
	ERD25TJ473	CARBON	0.25W	5%	47KW	R651	ERDS1TJ474	CARBON	0.5W	5% 470KW	
	ERD25TJ101	CARBON	0.25W	5%	100W	R666	ERO25CKF3301	METAL	0.25W	1% 3K3W	⚡
	ERD25TJ103	CARBON	0.25W	5%	10KW	R667	ERO25CKF3900	METAL	0.25W	1%3R9KW	⚡
	ERD25TJ153	CARBON	0.25W	5%	15KW	R668	ERD25TJ103	CARBON	0.25W	5% 10KW	
	ERD25TJ102	CARBON	0.25W	5%	1KW	R674	ERD25TJ223	CARBON	0.25W	5% 22KW	
	ERD25TJ333	CARBON	0.25W	5%	33KW	R676	ERO25CKF1002	METAL	0.25W	1% 10KW	⚡
	ERD25TJ684	CARBON	0.25W	5%	680KW	R677	ERO25CKF1002	METAL	0.25W	1% 10KW	⚡
R478	ERD25TJ332	CARBON	0.25W	5%	3K3W	R678	ERD25TJ121	CARBON	0.25W	5% 120W	
R479	ERDS1TJ2R2	CARBON	0.5W	5%	2.2W	R680	ERQ12HJ1R5	FUSIBLE	0.5W	5% 1R5W	⚡
R481	ERD25TJ102	CARBON	0.25W	5%	1KW	R681	ERDS1TJ4R7	CARBON	0.5W	5% 4R7W	
R482	ERD25TJ333	CARBON	0.25W	5%	33KW	R682	ERD25TJ222	CARBON	0.25W	5% 2K2W	
R484	ERD25TJ273	CARBON	0.25W	5%	27KW	R683	ERG3FJ101	METAL	3W5%	100W	⚡
R485	ERD25TJ561	CARBON	0.25W	5%	560W	R684	ERD25TJ682	CARBON	0.25W	5% 6K8W	
R486	ERD25TJ333	CARBON	0.25W	5%	33KW	R686	NKS2	FUSABLE	0.25W	5% 0.1W	
R487	ERD25TJ684	CARBON	0.25W	5%	680KW	R688	NKS2	FUSABLE	0.25W	5% 0.1W	
R488	ERD25TJ332	CARBON	0.25W	5%	3K3W	R1001	ERQ14AJ3R3	METAL	0.25W	5% 3R3W	⚡
R489	ERDS1TJ2R2	CARBON	0.5W	5%	2.2W	R1011	ERQ14AJ100	METAL	0.25W	5% 10W	⚡
R490	ERD25TJ563	CARBON	0.25W	5%	56KW	R1019	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R491	ERQ14AJ100	METAL	0.25W	5%	10W	R1020	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R492	ERD25TJ102	CARBON	0.25W	5%	1KW	R1021	ERJ6GEYJ153	S.M.CARB	0.1W	5% 15KW	
R493	ERD25TJ473	CARBON	0.25W	5%	47KW	R1022	ERJ6GEYJ153	S.M.CARB	0.1W	5% 15KW	
R494	ERD25TJ684	CARBON	0.25W	5%	680KW	R1023	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R496	ERD25TJ103	CARBON	0.25W	5%	10KW	R1024	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R497	ERD25TJ103	CARBON	0.25W	5%	10KW	R1031	ERJ6GEYJ153	S.M.CARB	0.1W	5% 15KW	
R498	ERD25TJ103	CARBON	0.25W	5%	10KW	R1032	ERJ6GEYJ153	S.M.CARB	0.1W	5% 15KW	
R499	ERD25TJ473	CARBON	0.25W	5%	47KW	R1033	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R521	ERQ14AJ3R3	METAL	0.25W	5%	3R3W	R1034	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R526	ERD25TJ560	CARBON	0.25W	5%	56W	R1036	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R527	ERDS1TJ152	CARBON	0.5W	5%	1K5W	R1038	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R528	ERDS1TJ152	CARBON	0.5W	5%	1K5W	R1041	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R531	ERF10ZK6R8	WIRE	10W	5%	6R8W	R1042	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R541	ERG1ANJ152	METAL	1W5%		1K5W	R1071	ERJ6GEYJ473	S.M.CARB	0.1W	5% 47KW	
R543	ERD25TJ103	CARBON	0.25W	5%	10KW	R1072	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R546	ERDS1TJ184	CARBON	0.5W	5%	180KW	R1073	ERJ6GEYJ152	S.M.CARB	0.1W	5% 1K5W	
R548	ERD25TJ223	CARBON	0.25W	5%	22KW	R1074	ERJ6GEYJ471	S.M.CARB	0.1W	5% 470W	
R549	ERDS1TJ224	CARBON	0.5W	5%	220KW	R1091	ERJ6GEYJ473	S.M.CARB	0.1W	5% 47KW	
R557	ERQ12HKR22	FUSIBLE	0.5W	5%	0R22W	R1092	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R561	ERQ12HJ1R5	FUSIBLE	0.5W	5%	1R5W	R1093	ERJ6GEYJ152	S.M.CARB	0.1W	5% 1K5W	
R563	ERD25TJ104	CARBON	0.25W	5%	100KW	R1094	ERJ6GEYJ471	S.M.CARB	0.1W	5% 470W	
R564	ERD25TJ223	CARBON	0.25W	5%	22KW	R1095	ERJ6GEYJ474	S.M.CARB	0.1W	5% 470KW	
R566	ERD25TJ472	CARBON	0.25W	5%	4K7W	R1116	ERJ6GEYJ104	S.M.CARB	0.1W	5% 100KW	
R567	ERD25TJ472	CARBON	0.25W	5%	4K7W	R1117	ERJ6GEYJ104	S.M.CARB	0.1W	5% 100KW	
R568	ERD25TJ1R5	CARBON	0.25W	5%	1R5W	R1120	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R569	ERDS1TJ821	CARBON	0.5W	5%	820W	R1121	ERJ6GEYJ750	S.M.CARB	0.1W	5% 75W	
R572	ERO25CKF1801	METAL	0.25W	1%	1K8W	R1122	ERJ6GEYJ750	S.M.CARB	0.1W	5% 75W	
R573	ERO25CKF1801	METAL	0.25W	1%	1K8W	R1123	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KW	
R579	ERD25TJ332	CARBON	0.25W	5%	3K3W	R1124	ERJ6GEYJ151	S.M.CARB	0.1W	5% 150W	
R592	ERD25TJ103	CARBON	0.25W	5%	10KW	R1125	ERJ6GEYJ151	S.M.CARB	0.1W	5% 150W	
R593	ERD25TJ103	CARBON	0.25W	5%	10KW	R1126	ERQ14AJ100	METAL	0.25W	5% 10W	⚡
R598	ERD25TJ102	CARBON	0.25W	5%	1KW	R1127	ERJ6GEY0R00	WIRE LINK			
R613	ERF10ZK5R6	WIRE	10W	5%	5R6W	R1131	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R614	ERDS1TJ394	CARBON	0.5W	5%	390KW	R1132	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KW	
R616	ERC12GK154D	SOLID	0.5W	5%	150KW	R1133	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KW	
R619	232266296706	THERMISTOR				R1151	ERJ6GEYJ750	S.M.CARB	0.1W	5% 75W	
R621	ERG2FJ183	METAL	0.5W	5%	18KW	R1152	ERJ6GEYJ104	S.M.CARB	0.1W	5% 100KW	
R622	ERDS1TJ394	CARBON	0.5W	5%	390KW	R1153	ERJ6GEYJ104	S.M.CARB	0.1W	5% 100KW	
R623	ERD25TJ472	CARBON	0.25W	5%	4K7W	R1156	ERJ6GEYJ470	S.M.CARB	0.1W	5% 47W	
R624	ERD25TJ121	CARBON	0.25W	5%	120W	R1158	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R625	ERC12GK154D	SOLID	0.5W	5%	150KW	R1159	ERJ6GEYJ750	S.M.CARB	0.1W	5% 75W	
R626	ERG2FJ183	METAL	0.5W	5%	18KW	R1161	ERJ6GEYJ682	S.M.CARB	0.1W	5% 6K8W	
R627	ERD25TJ103	CARBON	0.25W	5%	10KW	R1162	ERJ6GEYJ333	S.M.CARB	0.1W	5% 33KW	
R628	ERG3FJ393	METAL	0.5W	5%	18KW	R1163	ERJ6GEYJ471	S.M.CARB	0.1W	5% 470W	
R629	ERG1ANJ470	METAL	1W5%		47W	R1166	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KW	
R630	ERD25TJ270	CARBON	0.25W	5%	27W	R1167	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100W	
R631	ERD25TJ101	CARBON	0.25W	5%	100W	R1168	ERJ6GEYJ680	S.M.CARB	0.1W	5% 68W	
R632	ERO25CKF1400	METAL	0.25W	1%	140W	R1169	ERJ6GEYJ471	S.M.CARB	0.1W	5% 470W	
						R1171	ERJ6GEYJ750	S.M.CARB	0.1W	5% 75W	

R1172	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R1623	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KW
R1173	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	R1624	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KW
R1174	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	R1626	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W
R1177	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560W	R1627	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1178	ERQ14AJ100	METAL	0.25W	5%	10W	R1630	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1181	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R1631	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W
R1182	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1632	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390W
R1183	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68W	R1633	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1184	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R1634	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R1185	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	R1636	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1191	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R1637	ERJ8GEYJ471	S.M.CAR	0.125W	5%	470W
R1192	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1641	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W
R1193	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68W	R1642	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390W
R1194	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R1643	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1195	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R1644	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R1221	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	R1646	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1222	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	R1647	ERJ8GEYJ471	S.M.CAR	0.125W	5%	470W
R1225	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1652	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390W
R1237	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R1653	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1241	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R1654	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R1242	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R1656	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1251	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R1657	ERJ8GEYJ471	S.M.CAR	0.125W	5%	470W
R1261	ERJ6GEY0R00	WIRE LINK				R1661	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1263	ERJ8GEYJ104	S.M.CAR	0.125W	5%	100KW	R1664	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1264	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	R1666	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1266	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68W	R1667	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW
R1267	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1669	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1268	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R1671	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1269	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R1672	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1270	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	R1673	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1271	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R1674	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1272	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R1680	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1273	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	R1681	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1276	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	R1682	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R1277	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW	R1683	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1281	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	R1684	ERJ6GEY0R00	WIRE LINK			
R1282	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1691	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1283	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	R1692	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1284	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1693	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1349	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	R1694	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W
R1381	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22KW	R1696	ERJ8GEYJ103	S.M.CAR	0.125W	5%	10KW
R1382	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW	R1698	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1386	ERJ6GEY0R00	WIRE LINK				R1717	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1412	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R1718	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1464	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1753	ERJ6GEY0R00	WIRE LINK			
R1465	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18KW	R1807	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R1466	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	R1808	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1467	ERJ6GEY0R00	WIRE LINK				R1809	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1474	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1811	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1476	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	R1812	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1477	ERJ6GEY0R00	WIRE LINK				R1815	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1484	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1816	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R1486	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	R1819	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1487	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R1821	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1494	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1822	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9W
R1496	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	R1823	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1497	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R1824	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R1608	ERJ6GEY0R00	WIRE LINK				R1825	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1609	ERJ8GEYJ273	S.M.CARB	0.125W	5%	27KW	R1826	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KW
R1612	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R1827	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39KW
R1613	ERJ6GEYJ560	S.M.CARB	0.1W	5%	56W	R1828	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1614	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330W	R1829	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1615	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W	R1831	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9W
R1616	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	R1832	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1617	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KW	R1837	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1618	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	R1838	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330W
R1619	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W	R1840	ERJ6GEY0R00	WIRE LINK			
R1621	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R1842	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1622	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R1843	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W

R1844	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R2642	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R1845	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	R2643	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KW
R1847	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R2644	ERJ6GEY0R00	WIRE LINK			
R1849	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2645	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W
R1851	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2646	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W
R1856	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2649	ERJ6GEY0R00	WIRE LINK			
R1857	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R2651	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1858	ERJ8GEYJ103	S.M.CAR	0.125W	5%	10KW	R2652	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W
R1859	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R2653	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R1863	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2654	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W
R1872	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2655	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW
R1873	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R2656	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W
R1878	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R2658	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW
R1879	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R2659	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220W
R1882	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R2660	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KW
R1884	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	R2662	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W
R1885	ERJ8GEY0R00	METAL	0.125W	1%	0W	R2664	ERJ6GEYJ335	S.M.CARB	0.1W	5%	3M3W
R1886	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	R2665	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R1887	ERJ6GEY0R00	WIRE LINK				R2666	ERJ6GEY0R00	WIRE LINK			
R1888	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2667	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R1889	ERJ8GEY0R00	METAL	0.125W	1%	0W	R2668	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1891	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2669	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270W
R1893	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2670	ERJ6GEYJ511	S.M.CARB	0.1W	5%	510W
R1897	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R2671	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W
R1920	ERJ8GEYJ472	S.M.CAR	0.125W	5%	4K7W	R2672	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2W
R1921	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R2673	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1922	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W	R2675	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W
R1925	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330W	R2676	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1933	ERJ6GEY0R00	WIRE LINK				R2677	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W
R1941	ERJ6GEY0R00	WIRE LINK				R2680	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1953	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R2681	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R1957	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3101	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W
R1958	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3102	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W
R1959	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3103	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W
R1961	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3106	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KW
R1962	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3107	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R1963	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3108	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W
R1964	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3109	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R1983	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R3111	ERDS1FYJ222	CARBON	0.5W	5%	2K2W ▲
R1993	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R3112	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W
R2601	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R3113	ERD25TJ681	CARBON	0.25W	5%	680W
R2602	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3121	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW
R2603	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R3122	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R2607	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3123	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W
R2609	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3124	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W
R2610	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3126	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W
R2612	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3127	ERQ14AJ100	METAL	0.25W	5%	10W ▲
R2613	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3128	ERQ14AJ820	METAL	0.25W	5%	82W ▲
R2615	ERJ6GEY0R00	WIRE LINK				R3129	ERQ14AJ820	METAL	0.25W	5%	82W ▲
R2616	ERJ6GEY0R00	WIRE LINK				R3130	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W
R2617	ERJ6GEY0R00	WIRE LINK				R3131	ERD25TJ563	CARBON	0.25W	5%	56KW
R2620	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3132	ERD25TJ122	CARBON	0.25W	5%	1K2W
R2621	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3133	ERD25TJ2R7	CARBON	0.25W	5%	2R7W
R2622	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3134	ERDS1FVJ390	CARBON	0.5W	5%	39W ▲
R2623	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560W	R3135	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W
R2624	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3136	ERD25TJ563	CARBON	0.25W	5%	56KW
R2625	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560W	R3137	ERD25TJ122	CARBON	0.25W	5%	1K2W
R2626	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	R3138	ERD25TJ2R7	CARBON	0.25W	5%	2R7W
R2627	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	R3139	ERDS1FVJ390	CARBON	0.5W	5%	39W ▲
R2628	ERJ6GEY0R00	WIRE LINK				R3141	ERDS1FYJ101	CARBON	0.5W	5%	100W ▲
R2631	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R3142	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R2632	ERJ6GEY0R00	WIRE LINK				R3143	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R2633	ERJ6GEY0R00	WIRE LINK				R3144	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680W
R2634	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R3146	ERDS1FYJ181	CARBON	0.5W	5%	180W ▲
R2636	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R3152	ERQ12HJ102	METAL	0.5W	5%	1KW ▲
R2637	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R3153	ERQ14AJ3R9	FUSIBLE	0.25W	5%	3R9W ▲
R2638	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75W	R3160	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W
R2639	ERJ6GEYJ754	S.M.CARB	0.1W	5%	750KW	R3161	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2640	ERJ6GEY0R00	WIRE LINK				R3162	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R2640	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120W	R3163	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R2641	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R3164	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W

R3166	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4709	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3167	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4710	ERJ6GEYJ181	S.M.CARB	0.1W	5%	180W
R3168	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4711	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150W
R3169	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W	R4713	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R3170	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	R4714	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W
R3171	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4715	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W
R3172	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4716	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
R3173	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	R4717	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R3174	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4718	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R3176	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4719	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KW
R3177	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4720	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8W
R3178	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4721	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R3179	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W	R4740	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820W
R3180	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	R4743	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8W
R3181	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4744	ERJ6GEYJ181	S.M.CARB	0.1W	5%	180W
R3182	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4745	ERJ6GEY0R00	WIRE LINK			
R3183	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	R4746	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R3184	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4747	ERJ6GEY0R00	WIRE LINK			
R3186	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4748	ERJ6GEY0R00	WIRE LINK			
R3187	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470W	R4750	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R3188	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4751	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KW
R3189	ERJ6GEYJ122	S.M.CARB	0.1W	5%	1K2W	R4752	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3307	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R4753	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120W
R3308	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R4754	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270W
R3309	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W	R4755	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R3354	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4756	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W
R3358	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	R4757	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8W
R3359	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R4758	ERJ6GEY0R00	WIRE LINK			
R3361	ERQ12HJR39	FUSABLE	0.5W	5%	0R39W	R4759	ERJ6GEY0R00	WIRE LINK			
R3365	ERD25TJ220	CARBON	0.25W	5%	22W	R4760	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R3366	ERQ12AJ101	FUSABLE	0.5W	5%	100W	R4771	ERJ6GEY0R00	WIRE LINK			
R3367	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R4772	ERJ6GEY0R00	WIRE LINK			
R3368	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW	R6102	ERD25TJ151	CARBON	0.25W	5%	150W
R3369	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8W	R6111	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R3370	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	R6112	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KW
R3371	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W	R6113	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R3372	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	R6114	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3373	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	R6301	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R3374	ERDS1TJ913	CARBON	0.5W	5%	91KW	R6302	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100W
R3375	ERG2ANJ183	METAL	2W5%		18KW	R6305	ERJ6GEY0R00	WIRE LINK			
R3376	ERD25TJ561	CARBON	0.25W	5%	560W	R6401	ERD25TJ220	CARBON	0.25W	5%	22W
R3379	ERD25TJ103	CARBON	0.25W	5%	10KW	R6402	ERD25TJ220	CARBON	0.25W	5%	22W
R3380	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	R6403	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3381	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W	R6404	ERJ6GEY0R00	WIRE LINK			
R3382	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	R6405	ERJ6GEY0R00	WIRE LINK			
R3383	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	R6406	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3384	ERDS1TJ913	CARBON	0.5W	5%	91KW	R6407	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R3385	ERG2ANJ183	METAL	2W5%		18KW	R6408	ERJ6GEY0R00	WIRE LINK			
R3386	ERD25TJ561	CARBON	0.25W	5%	560W	R6411	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R3389	ERD25TJ103	CARBON	0.25W	5%	10KW	R6412	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27KW
R3390	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W	R6413	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3391	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7W	R6416	ERD25TJ101	CARBON	0.25W	5%	100W
R3392	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3W	R6417	ERD25TJ101	CARBON	0.25W	5%	100W
R3393	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5W	R6418	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W
R3394	ERDS1TJ913	CARBON	0.5W	5%	91KW	R6433	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3395	ERG2ANJ183	METAL	2W5%		18KW	R6436	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R3396	ERD25TJ561	CARBON	0.25W	5%	560W	R6437	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
R3397	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W	R6438	ERJ6GEY0R00	WIRE LINK			
R3399	ERD25TJ103	CARBON	0.25W	5%	10KW	R6441	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KW
R4701	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W	R6442	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27KW
R4702	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	R6443	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW
R4703	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W	R6446	ERD25TJ101	CARBON	0.25W	5%	100W
R4705	ERJ6GEY0R00	WIRE LINK				R6447	ERD25TJ101	CARBON	0.25W	5%	100W
R4707	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68KW	R6448	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10W
R4708	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KW	R6811	ERC12ZGK335D	SOLID	0.5W	10%	3M3W

SWITCHES

S6304	EVQPB105K	SWITCH	
S6305	EVQPB105K	SWITCH	
S6306	EVQPB105K	SWITCH	
S6307	EVQPB105K	SWITCH	
S6308	EVQPB105K	SWITCH	
S6811	ESB91232A	SWITCH	⚠

TRANSFORMERS

T528	5270103200	TRANSFORMER
T531	ZTFH65005A	TRANSFORMER
T639	ETS39AH117AC	TRANSFORMER
T6101	BV030-7395.0	TRANSFORMER

FILTERS

X1321	TSS4004-B	CRYSTAL
X1608	TSS2169-B	CRYSTAL
X1854	TSS4007-B	CRYSTAL
X2651	TAFCSB503F35	CRYSTAL
X2652	TSS4006-B	CRYSTAL (10082031)
X4703	EFCV3095A6	CHIP FILTER
X4704	G3355K	SAW FILTER
X4706	EFCS5M7MW3	CERAMIC FILTER

PARTS FOR TX-29AD1E ONLY

MISCELLANEOUS COMPONENTS

2)	TKU8E00156	REAR COVER	
3)	TKY8E031	CABINET	
4)	A68ESF002X11	CRT	
6)	TLK8E05116	DEGAUSS	
7)	TNP117037AC	Y P.C.B.	
9)	TNP197087AD	E P.C.B.	
10)	TNP117034AH	A P.C.B.	
16)	EAGG1201D2	SPEAKER	
17)	TBM8E1439	BACKCOVER	
	TKP8E1110	FRONT	PANEL
	TKP8E1111	FRONT	PANEL
	TPC8E4446	OUTER	

CAPACITORS

C201	ECA1HFQ101	ELECT	50V	100mF
C470	222236516184	FILM	16V	180nF
C477	ECEA1HU4R7	ELECT	50V	4.7mF
C480	222236516184	FILM	16V	180nF
C487	ECEA1HU4R7	ELECT	50V	4.7mF
C501	ECKC1H103JB	CERAMIC	50V	10nF
C511	ECQM1H393J	FILM	50V	0.039mF
C534	ECWH12H562J	FILM	50V	5600pF
C537	ECQF4273JZH	FILM	400V	0.027mF
C541	ECWF2H105J	FILM	500V	1000nF
C563	ECEA1VU471	ELECT	35V	470mF
C565	ECKC2H151J	CERAMIC	500V	150pF
C567	ECQB1H223K	FILM	50V	22nF
C576	ECQM1H684J	FILM	50V	680nF
C578	222236516154	FILM	160V	150nF
C583	ECQB1H333J	FILM	50V	33nF
C591	ECA1HW4R7UE	ELECT	50V	4.7mF
C597	ECQB1H332K	FILM	50V	3.3nF
C1628	ECEA1AU221	ELECT	10V	220mF
C3167	ECUV1H100DCX	S.M. CAP	50V	10pF
C3362	TACA1103P2KV	I.C.		
C3363	TACA1103P2KV	I.C.		
C3371	ECUV1H120JCX	S.M. CAP	50V	12pF
C3381	ECUV1H080CCX	S.M. CAP	50V	80pF
C3391	ECUV1H120JCX	S.M. CAP	50V	12pF

DIODES

D507	MA723TA5	DIODE
D508	MA723TA5	DIODE
D566	MA2082ALFS	DIODE
D568	MA2100LFS	DIODE
D569	MA2082ALFS	DIODE
D1614	MA165TA5	DIODE
D1672	PMLL4148L	DIODE

INTEGRATED CIRCUITS

⚠	I1941	X24C16-9AD1E	EAROM
⚠			

COIL

⚠	J12	EXCELSA39V	COIL
⚠	J23	EXCELSA39V	COIL
⚠			

LABEL
(RIGHT)
(LEFT)
CARTON

SOCKETS/TERMINALS/LINK WIRES

COILS

L507	ELESN331KA	COIL
L511	297-23477	TRANSFORMER
L541	ELH5L7002	COIL
L594	297-017696	COIL

TRANSISTORS

Q506	2SK301TA	TRANSISTOR
Q651	TFD312SOF632	DIODE

RESISTORS

⚠	R470	ERD25TJ560	CARBON	0.25W	5%	56W
	R473	ERD25TJ270	CARBON	0.25W	5%	27W
⚠	R480	ERD25TJ560	CARBON	0.25W	5%	56W
	R483	ERD25TJ270	CARBON	0.25W	5%	27W
⚠	R501	ERD25TJ470	CARBON	0.25W	5%	47W
	R507	ERD25TJ2R2	CARBON	0.25W	5%	2R2W
	R532	ERW2PKR56	WIRE	2W	10%	R56W ⚠
	R533	ERDS1TJ220	CARBON	0.5W	5%	22W
	R542	ERQ12AJ101	FUSABLE	0.5W	5%	100W ⚠
	R559	ERDS1TJ100	CARBON	0.5W	5%	10W
	R570	ERG2SJ102	METAL	2W	5%	1K0W
	R574	ERW12PKR56	WIRE	0.5W	10%	R56W ⚠
	R576	ERD25TJ682	CARBON	0.25W	5%	6K8W
	R577	ERD25TJ822	CARBON	0.25W	5%	8K2W
	R578	ERD25TJ680	CARBON	0.25W	5%	68W
	R583	ERD25TJ103	CARBON	0.25W	5%	10KW
	R584	ERO25CKF1002	METAL	0.25W	1%	10KW ⚠
	R591	ERD25TJ472	CARBON	0.25W	5%	4K7W
	R594	ERD25TJ394	CARBON	0.25W	5%	390KW
	R595	ERD25TJ473	CARBON	0.25W	5%	47KW
	R596	ERD25TJ473	CARBON	0.25W	5%	47KW
	R597	ERD25TJ475	CARBON	0.25W	5%	4M7W
	R599	ERD25TJ103	CARBON	0.25W	5%	10KW
	R675	ERD25TJ155	CARBON	0.25W	5%	1M5W
	R1668	ERJ6GEYJ474	S.M.CARB	0.1W	5%	470KW
	R1670	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7W
	R3104	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2W
	R3362	ERC12GK105D	SOLID	0.5W	10%	1MW
	R3364	ERC12GK821D	SOLID	0.5W	10%	820W
	R3377	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W
	R3378	ERC12GK332V	SOLID	0.5W	5%	3K3W
	R3387	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6W
	R3388	ERC12GK332V	SOLID	0.5W	5%	3K3W
	R3398	ERC12GK332V	SOLID	0.5W	5%	3K3W

PARTS FOR TX-25AD1E ONLY

MISCELLANEOUS COMPONENTS

2)	TKU8E00157	REAR COVER			⚠
3)	TKY8E032	CABINET			⚠
4)	A59EEH048201	C.R.T.			⚠
6)	TLK8E05115	DEGAUSSING		COIL	
7)	TNP117037AB	Y P.C.B.			⚠
9)	TNP197087AG	E P.C.B.			⚠
10)	TNP117034AA	A P.C.B.			⚠
16)	EAGG1201C2	SPEAKER			
17)	TBM8E1438	BACKCOVER		LABEL	
	TKP8E1112	FRONT	PANEL	(RIGHT)	
	TKP8E1113	FRONT	PANEL	(LEFT)	
	TPC8E4448	OUTER		CARTON	

COILS

L203	ELER100KA	COIL
L541	ELH5L421	COIL
L594	297-23294	COIL
L1614	EXCELDR35V	COIL

CONTROLS

PK401	TKP8E1112	FRONT	PANEL	(RIGHT)
PK402	TKP8E1113	FRONT	PANEL	(LEFT)
PK403	TBM8E1359	INDICATION		SHEET
PK404	TBM8E1360	INDICATION		SHEET

CAPACITORS

C201	ECEA1HFQ101	ELECT	50V	100mF	
C470	222236516684	FILM	160V	100nF	
C474	ECQB1H562K	FILM	50V	5.6nF	
C480	222236516684	FILM	160V	100nF	
C484	ECQB1H562K	FILM	50V	5.6nF	
C534	ECWH12H392J	FILM	50V	3900pF	⚠
C537	ECQF4393JZH	FILM	400V	0.039mF	
C539	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C541	ECWF2H824J	FILM	500V	820nF	⚠
C563	ECEA1HU221	ELECT	50V	220mF	
C567	ECQB1H333J	FILM	50V	33nF	
C578	222236576104	FILM	760V	100nF	
C591	ECEA1HGE4R7	ELECT	50V	4.7mF	
C3167	ECUV1H080CCX	S.M. CAP	50V	80pF	
C3391	ECUV1H020CCX	S.M. CAP	50V	2pF	

DIODES

D566	MA2160BLFS	DIODE
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INTEGRATED CIRCUITS

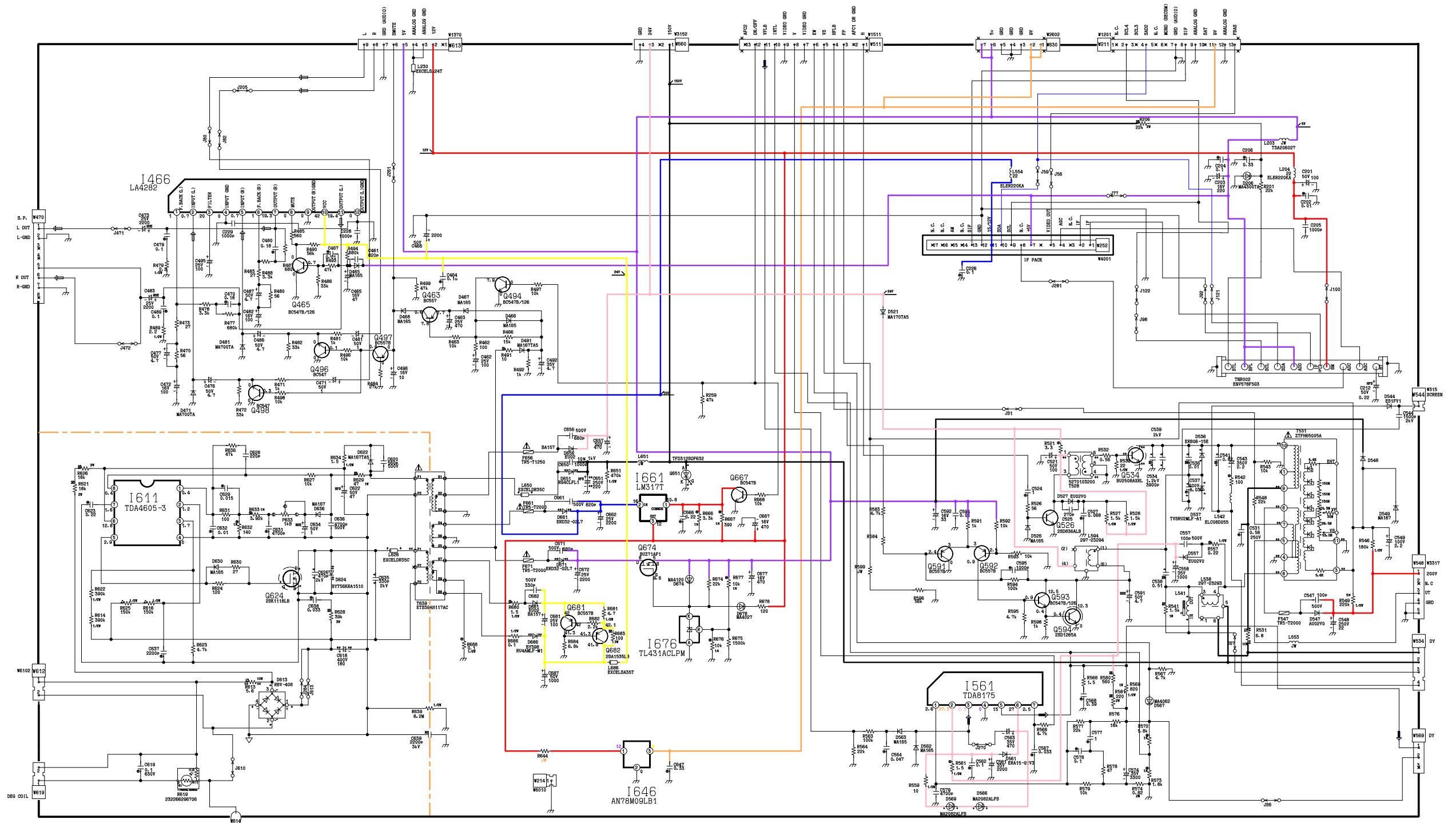
I1941	X24C16-5AD1E	EAROM
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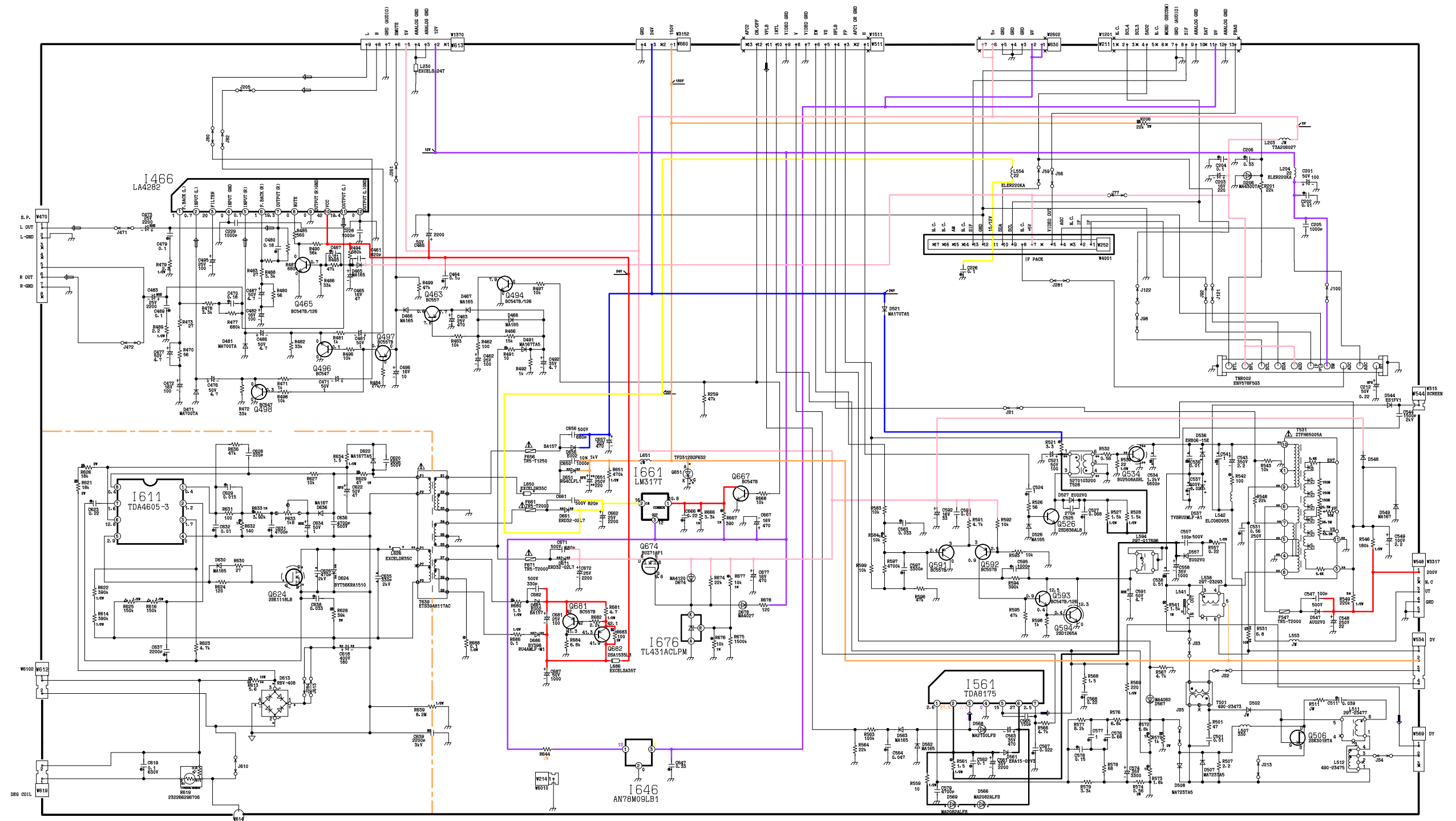
TRANSISTORS

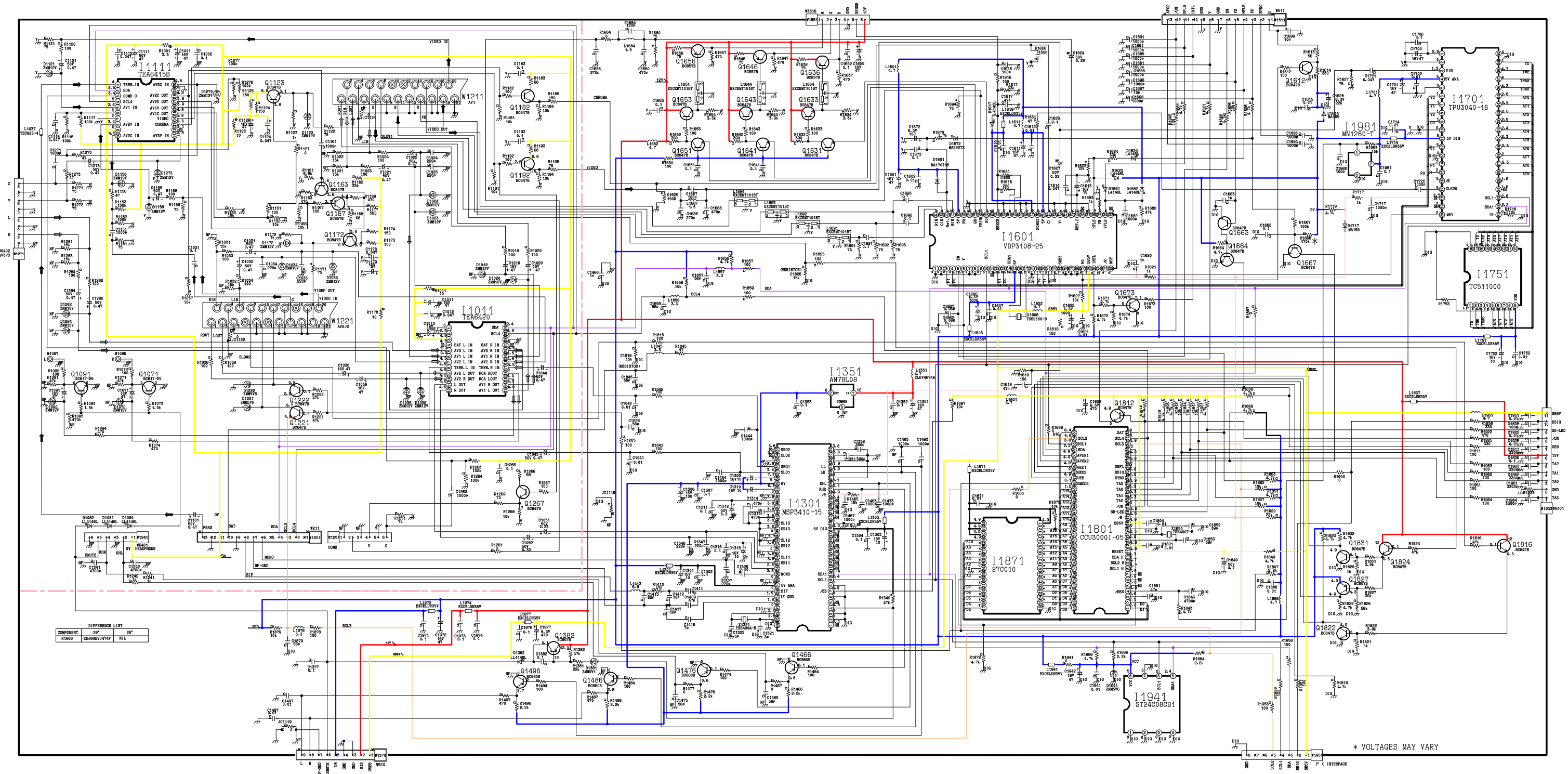
Q651	TFD312S0632	TRANSISTOR
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RESISTORS

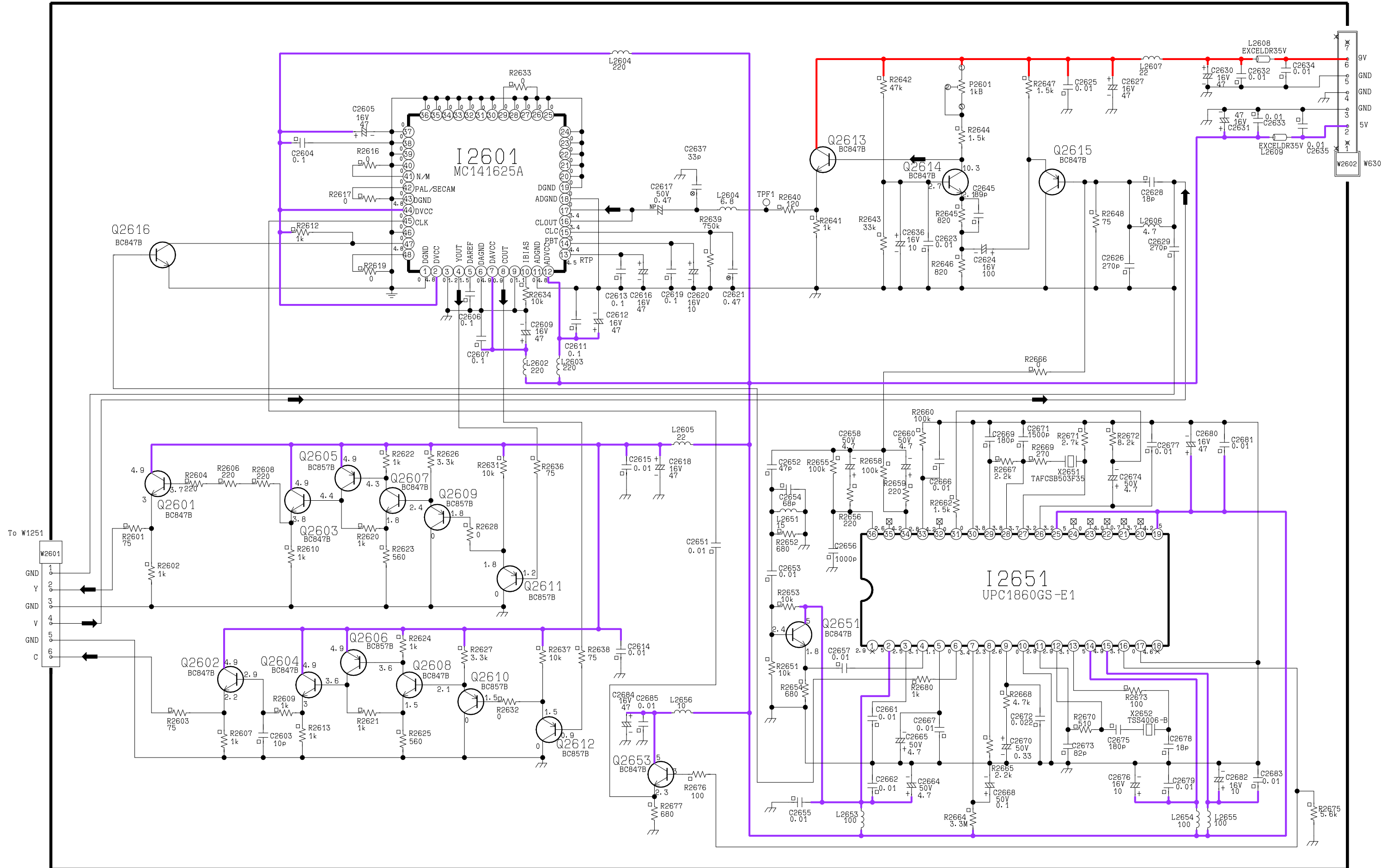
R473	ERD25TJ820	CARBON	0.25W	5%	82W	
R483	ERD25TJ820	CARBON	0.25W	5%	82W	
R542	ERQ14AJ101	METAL	0.25W	5%	100W	⚠
R559	ERDS1TJ4R7	CARBON	0.5W	5%	4R7W	
R574	ERW12PKR82	WIRE	0.5W	10%	R82W	⚠
R576	ERD25TJ183	CARBON	0.25W	5%	18KW	
R577	ERD25TJ223	CARBON	0.25W	5%	22KW	
R578	ERD25TJ470	CARBON	0.25W	5%	47W	
R580	ERG1SJ561	METAL	1W	5%	560W	
R581	ERG2FJ221	METAL	0.5W	5%	220W	⚠
R583	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R591	ERD25TJ102	CARBON	0.25W	5%	1KW	
R594	ERD25TJ104	CARBON	0.25W	5%	100KW	
R595	ERD25TJ472	CARBON	0.25W	5%	4K7W	
R596	ERD25TJ563	CARBON	0.25W	5%	56KW	
R675	ERD25TJ474	CARBON	0.25W	5%	470KW	
R1050	ERD50TJ102	CARBON	0.5W	5%	1KW	
R3104	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KW	
R3360	ERC12GK225V	SOLID	0.5W	10%	2.2MW	
R3362	ERC12GK824V	SOLID	0.5W	10%	820KW	
R3364	ERC12GK105D	SOLID	0.5W	10%	1MW	
R3378	ERC12GK821D	SOLID	0.5W	10%	820W	
R3388	ERC12GK821D	SOLID	0.5W	10%	820W	
R3398	ERC12GK821D	SOLID	0.5W	10%	820W	
R4710	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47W	

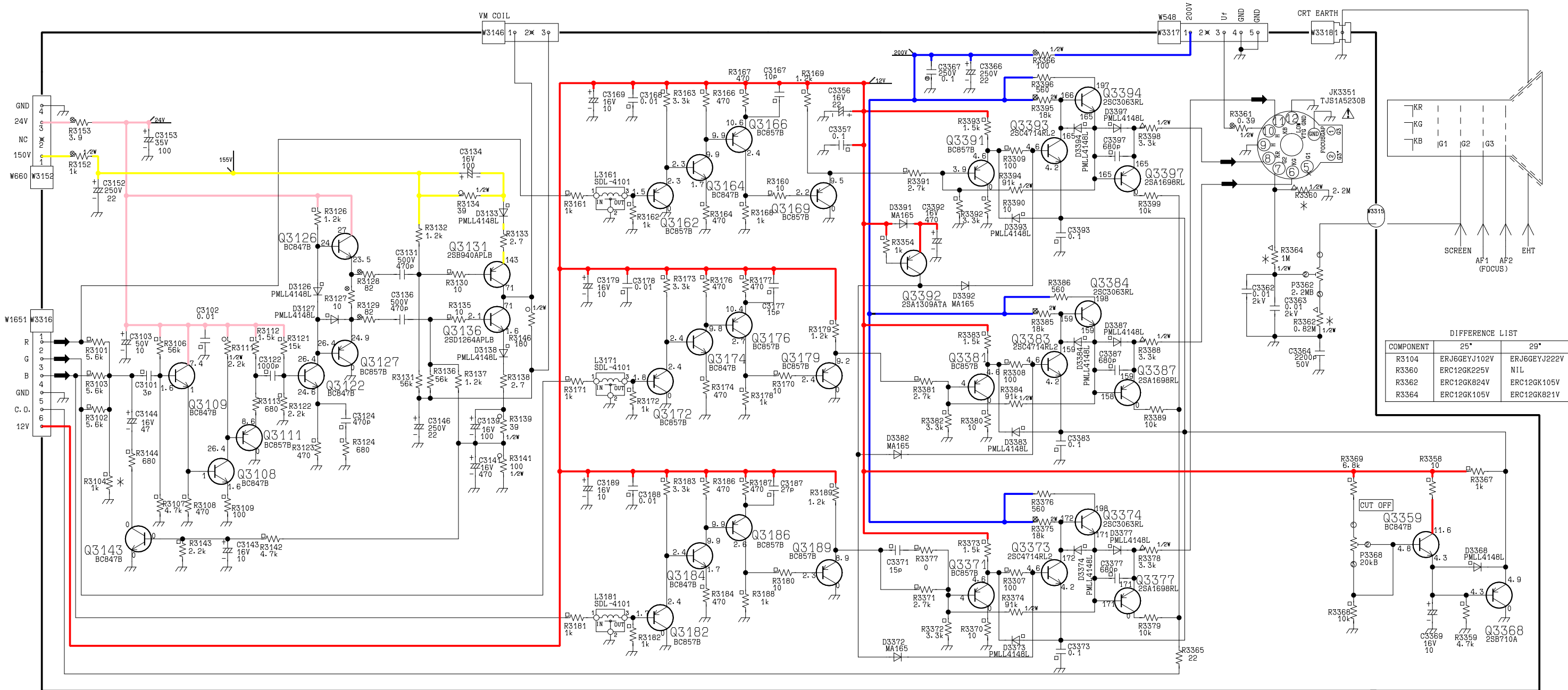


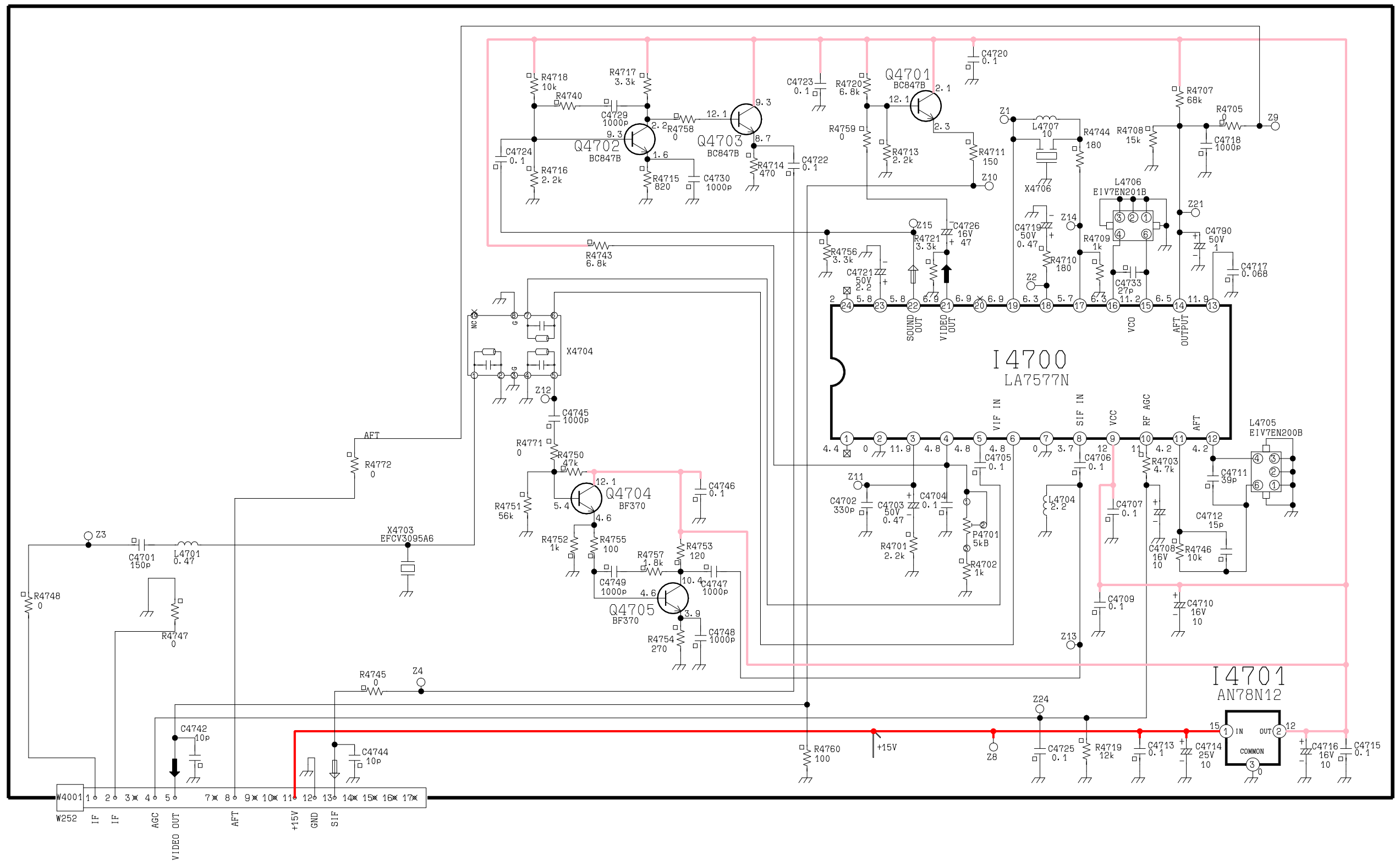


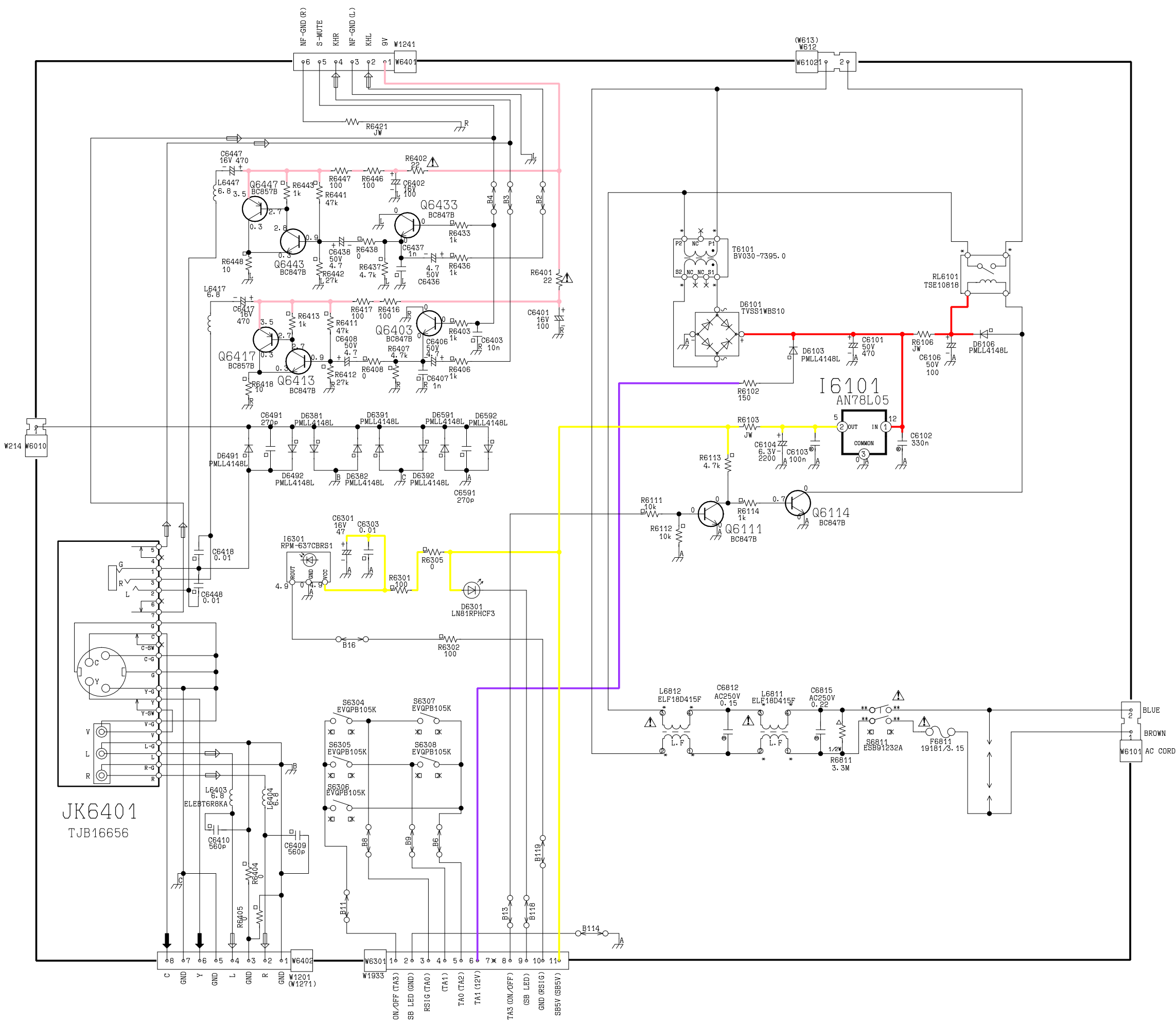


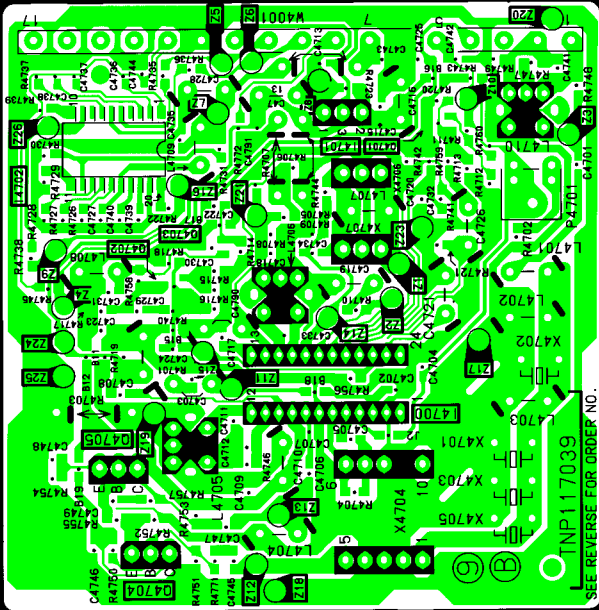
* VOLTAGES MAY VARY











TNP117039

SEE REVERSE FOR ORDER NO.

4567893

SEE REVERS FOR ORDER NO.

INP117035

CRNo.2000 SERIES

JC602

W602

L608

C634

C632

C630

C631

C633

C635

R680

R668

R664

R666

R665

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