

## Service Manual

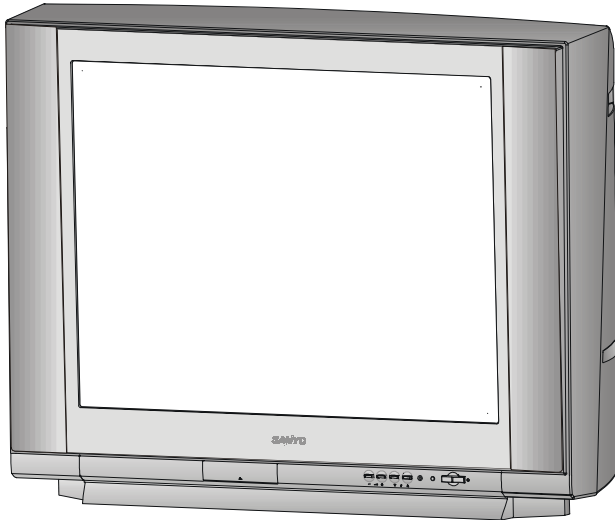
Model: **CE29FFV1-F**

## Colour Television True Flat

CRT 29" Philips A68ERF001X013

CHASSIS 2114

EB5-C 21"/25"/28"/29"



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Give complete "SERVICE PART No" for parts order or servicing, it is shown on the rating sheet on the cabinet back of the TV set.

### Note

This TV receiver will not work properly in foreign countries where the television transmission system and power source differ from the design specifications. Refer to the specifications for the design specifications.

## 1. Safety instructions

Read this page before doing any operation of adjustment, maintenance or repair the TV set described.

Only skilled personnel of Sanyo Technical Service should do the adjustment, maintenance or repair of TV set.

## 2. WARNING

For the correct and safe use of the TV set, it is essential that the service personnel follow the process of safety generally accepted and the safety precautions specified in this manual.

An isolation transformer should be connected in the power line between the receiver and the AC line when a service is performed on the primary side of the converter transformer of the set.

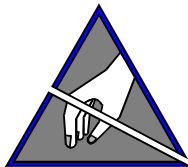
The deflection heat sink is connected to -12V.

## 3. Precaution against X-Rays

The primary source of X-RADIATION in the television receiver is the picture tube. The picture tube is specially constructed to limit X-RADIATION emissions. For continued X-RADIATION protection, the replacement tube must be the same type as the original including suffix letter. Excessive high voltage may produce potentially hazardous X-RADIATION. To avoid such hazards, the high voltage must be maintained within specified limit. If high voltage exceeds specified limits, take necessary corrective action. Follow the instructions carefully for +B1 volt power supply adjustment, and high voltage adjustment to maintain the high voltage within the specified limits.

### COMPLIANCE TO STANDARDS

All of those marked with \* or  $\triangle$  must be  
Replaced with original parts



**WARNING!** This TV set contains components which are particularly sensitive to static electricity (ESD). It is recommended that all due precaution be taken handling integrated circuits and semiconductors.


## 4. Recommendations to protect our environment

**Stand-by mode:** In order to save energy and to maintain an optimum picture quality, it is advisable to switch off the TV using the ON/OFF button located at the front of TV set.

**Used batteries:** The batteries in the remote control of these models do not contain mercury. However, SANYO recommends that you do not dispose of used batteries in domestic refuse. Please, contact your dealer or your local authorities for information regarding the disposal of used batteries or your nearest collection point.

**Recommendation about the end-of-life:** These SANYO TV sets have been designed and manufactured using high quality materials which can be recycled and reused. In the future, when the life cycle of these sets come to an end, specialised companies can disassemble it and reuse certain materials. This reduces the impact of waste in our environment. Please, contact with your local authorities for information regarding the disposal of your set when the time arrives. Help us to conserve the environment we live in!

## 5. TECHNICAL CHARACTERISTICS.

<b>Cathode-ray tubes</b>	In-Line, gun Type. Black Matrix. 29" (68 cm) True Flat, Invar Plus mask.
<b>Tuning-system</b>	Voltage synthesis, 100 programs in non-volatile memory, AFT, automatic, semiautomatic and manual channel-search.
<b>Reception channels</b>	Band I, channels 2-4 (VHF)=E2-E4 Cable channels S1-S10 Hyperband channels S21-S41 Band III, channels 5-12 (VHF)=E5-E12 Band IV-V, channels 21-69 (UHF)=E21-E69
<b>Reception system</b>	B/G, D/K, I, L, L' system
<b>Colour system</b>	PAL, SECAM, (NTSC 4.43, NTSC 3,58) ONLY AV
<b>Program selection</b>	Sequential selection from the controls on the set. Direct selection to any program from the remote-control device.
<b>Audio</b>	Power-rating 2x8,9 W rms. (10% distortion)
<b>Speakers</b>	2 of 8 $\Omega$ .
<b>Aerial</b>	External aerial sockets 75 $\Omega$ s. IEC
<b>Jack for headphones</b>	Stereo jack 3,5mm. (with independent control)
<b>Clock and alarm Function</b>	
<b>Timer Function</b>	Switch on and off of CTV programmable in real time.
<b>AV connectors</b>	1 Scart connector 21 pin CENELEC standard AV, RGB and S_Video. 1 Scart connector 21 pin CENELEC standard AV, RGB 1 RCA Video input (frontal) 2 RCA Audio input (frontal)
<b>Power supply</b>	220 – 240 VAC 50Hz
<b>Consumption</b>	83 W (IEC 107-1) 2,1 W (Stand-by  )
<b>CTI</b>	Improves color transitions
<b>Comb Filter</b>	Improves video bandwidth and reduces crosscolor effect.
<b>Stereo/Dual Systems</b>	NICAM and Stereo/Dual (A2)
<b>Sound Effects</b>	Pseudo Stereo. Bass boost. Actv. 3D surround, BBE, spatial stereo
<b>Auto volume</b>	
<b>Clock function</b>	
<b>Alarm function</b>	Programmable over 24 hours
<b>Timer function</b>	Switch on and off are programmable over 24 hours.
<b>TXT</b>	1,5 Flot and list. 10 Teletext pages memory
<b>Hotel Mode</b>	It can be programmed in Hotel Mode and Rental Hotel Mode
<b>Remote ON/OFF</b>	Tis TV can be switched ON/OFF Through the blue scart connector.
<b>Options by means of Technical Service:</b>	
SECAM, NTSC-M	

## 6. Safety

It fulfils the safety requirements established in the regulation:  
EN 60065:98

## 7. EMC (Electromagnetic Compatibility)

It fulfils the EMC requirements established in the regulation:  
EN 55013:1990/A12:1993/A13:1996/A14:1999  
EN 55020:1994/A11:1996/A13:1999/A14:1999  
EN 61000-3-2:1995+A1:19998+A2:98/A14:2000  
EN 61000-3-3:1995

## 8. Factory special mode

The factory mode is a special TV working mode intended to help in the manufacturing process and it is identified on the screen with the message "FAC". This mode is never suited for customer use.

The main differences respect to normal mode are:

- 1- The standby mode is always disabled.
- 2- The Blue-back (no sync. signal present) is disabled.
- 3- The customer adjustments ( volume, contrast ...) work faster.
- 4- The timer off works but it does not change to Stand-by mode.
- 5- Change of programs and TV/AV swithing faster. Cancelled mute.

In case of finding the TV set in Factory mode, it must be taken out of this state. To do so, enter the clock setting menu on the customer OSD and then exit.

**9. Automatic channel search reactivating**

In order to reset the initial automatic channel search function, start a channel search in AUTO mode from the user tuning menu and switch-off the TV set before any station is found. The next time the TV set is switched on, it will start an automatic channel-search.

**10. Service Menu**

The service menu allows to acces to de relationel parameters with the TV setting.

The service menu is accessed by holding down the front key (vol-) and simultaneously pressing the teletext green key from the remote control. An very detaill explication is in the Service Manual of chassis 2114 (EB5-C).

**11. CONNECTED DOCUMENTS.**

This Service Manual provides the particular information of the model CE29FFV1-F and it is complemented with:

1. Service Manual of the CHASIS 2114 (EB5-C).
2. Service Electrical scheme of the model CE29FFV1.
3. Instruction manual.

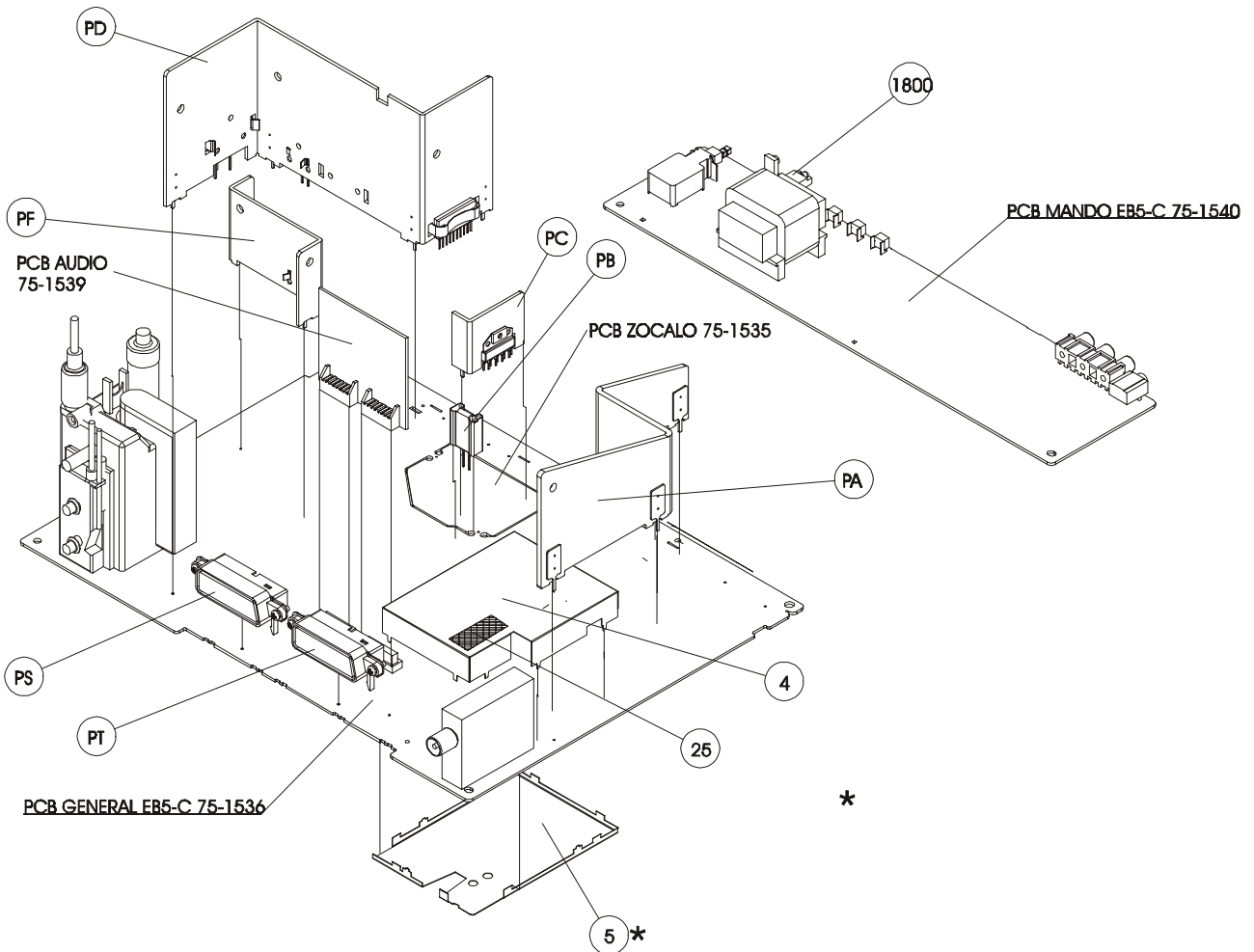
**12. MOUNTED CIRCUITS CODES.**

	<b>CE29FFV1-F</b>	
	<b>A68ERF001X013</b>	
Assy	6110385702	Main + Socket TRC +Audio + Mandos
Subassy	7040004207	Socket TRC PCB
Subassy	7110024408	Main PCB
Subassy	7140002135	Audio PCB
Subassy	7200002108	PCB Mandos

### 13. CABINET PARTS LIST

#### 13.1. CABINET PARTS LIST OF CHASSIS CE29FFV1-F

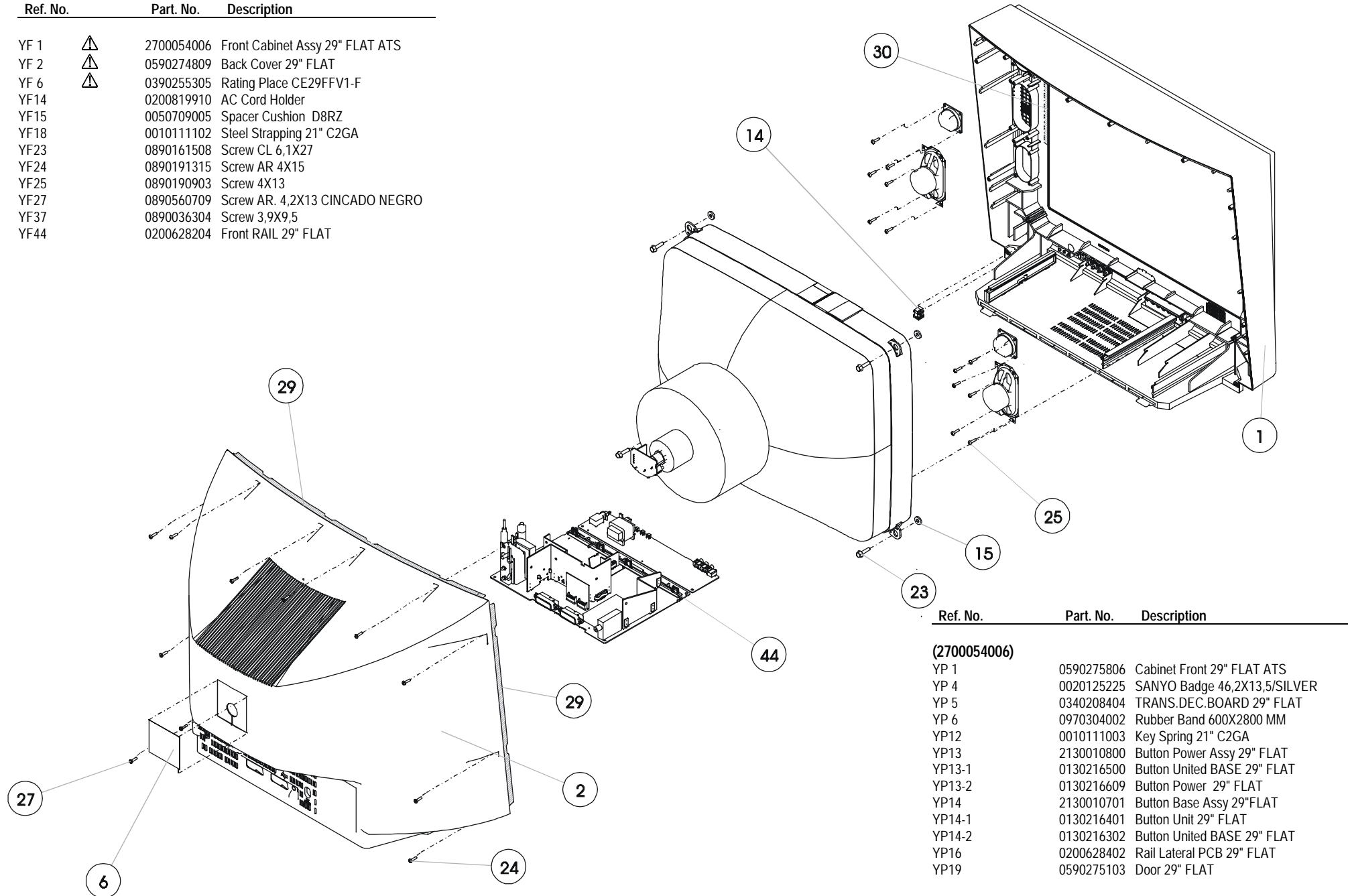
Ref. No.	Part No.	Description	Localiz.	Código	Descripción
YG25	0390320307	Bar Code Label -Chassis			
YG4 *	0080113103	COMP. Side IF Shield EB5-C			
YG5	0080113202	Copper Side IF Shield EB5-C			
YG1800	0200826402	LED Holder			
<b>Assy PA (Audio)</b>					
IC300	0360517304	TDA 8946 J N1			
YR300	0200226108	Heatsink AUDIO EB5-C 25-28-29			
YR301	0970200804	Silicon Grease YG6260			
YR302	0010106300	Spring CLIP 56379			
<b>Assy PD (Deflexión)</b>					
IC701 *	0360517007	LA7846N			
Q650	0360306708	S 2055 N			
Q750	0360309009	BD242BFP			
YR650	0200225902	Heatsink Deflection EB5-C 29			
YR651	0970200804	Silicon Grease YG6260			
YR652	0010106300	Spring CLIP 56379			
YR653	0010106300	Spring CLIP 56379			
YR654	0010110401	Spring CLIP 56363			
<b>Assy PB</b>					
D851	0360378905	Schottky FMB-G19L 90V 4ATO220			
YR851	0200224905	Heatsink TO-220-F			
<b>Assy PF(Fuente alimentación)</b>					
Q800 *	0360311302	MOS 2SK2545 600V/6A			
YR800	0200225811	Heatsink Power Supply EB5-C			
YR801	0010110401	Spring CLIP 56363			
<b>Assy PT</b>					
S901	0330162702	Scart Connector 21 PIN BLUE			
YR901	0200420602	Mounting-BRKT F2WV			
YR902	0890115603	Selftapping Screws DIN 7981F 2,9X8			
<b>Assy PS</b>					
S900	0330162603	Scart Connector 21 PIN BLACK			
YR900	0200420602	Mounting-BRKT F2WV			
YR903	0890115603	Selftapping Screws DIN 7981F 2,9X8			
<b>Assy PC (Zocalo TRC)</b>					
IC500	0360514210	TDA 6107 Q/N2			
YR500	0200224806	Heatsink RGB EB5-A			
YR501	0970200804	Silicon Grease YG6260			
YR502	0050709104	Washer			
YR503	0890121106	Screw M3X6 FE/ZN DIN 7985			



NOTA:  
LAS PIEZAS INDICADAS CON \*, SOLO SE MONTARAN  
EN LOS APARATOS DE EXPORTACIÓN.

**13.2. CABINET PARTS LIST OF CE29FFV1-F**

Ref. No.	Part. No.	Description
YF 1	2700054006	Front Cabinet Assy 29" FLAT ATS
YF 2	0590274809	Back Cover 29" FLAT
YF 6	0390255305	Rating Place CE29FFV1-F
YF14	0200819910	AC Cord Holder
YF15	0050709005	Spacer Cushion D8RZ
YF18	0010111102	Steel Strapping 21" C2GA
YF23	0890161508	Screw CL 6,1X27
YF24	0890191315	Screw AR 4X15
YF25	0890190903	Screw 4X13
YF27	0890560709	Screw AR. 4,2X13 CINCADO NEGRO
YF37	0890036304	Screw 3,9X9,5
YF44	0200628204	Front RAIL 29" FLAT



Ref. No.	Part. No.	Description
<b>(2700054006)</b>		
YP 1	0590275806	Cabinet Front 29" FLAT ATS
YP 4	0020125225	SANYO Badge 46,2X13,5/SILVER
YP 5	0340208404	TRANS.DEC.BOARD 29" FLAT
YP 6	0970304002	Rubber Band 600X2800 MM
YP12	0010111003	Key Spring 21" C2GA
YP13	2130010800	Button Power Assy 29" FLAT
YP13-1	0130216500	Button United BASE 29" FLAT
YP13-2	0130216609	Button Power 29" FLAT
YP14	2130010701	Button Base Assy 29" FLAT
YP14-1	0130216401	Button Unit 29" FLAT
YP14-2	0130216302	Button United BASE 29" FLAT
YP16	0200628402	Rail Lateral PCB 29" FLAT
YP19	0590275103	Door 29" FLAT

Ref. No.	Part No.	Description
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## 14. PARTS LIST

### PCB SOCKET TRC

CON_FD	0160220729	Polarized Band 4P 520+6+6
CON_FH	0160230819	Polarized Band Gray 5P. 450+6+6

### CAPACITORS

C500	0270341324	Polyester 100 nF. 10% 250V.
C501	0250322815	Electrolytic 10 $\mu$ F. 250V.
C503	0240590901	Ceramic 2200 pF +80-20% 2KV.

### DIODES

D500	0360007215	BAV21 DIODE
D501	0360007215	BAV21 DIODE
D502	0360007215	BAV21 DIODE

E500	0640705117	Eyelet 2,5-3
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FD1	0330144205	Ribbon Wire Holder 4 P.
FH1	0330144304	Ribbon Wire Holder 5 P.
FK	0640300604	Earth Wire 340 mm.

### INTEGRATED CIRCUITS


IC500	0360514210	TDA 6107 Q/N2
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J117	0470040007	Jumper Lead 0,6 mm.
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L502	0090304924	Choke R.F. 470 $\mu$ H. 10%
L506	0090208307	Coil 75 $\mu$ H. 10% 1,5 A. R-7,5

PCB04		0750153520 Socket PCB 5-C
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### RESISTORS

R500	0790741409	Solid 1,5 K $\Omega$ 10% 1/2W.
R501	0790741409	Solid 1,5 K $\Omega$ 10% 1/2W.
R502	0790741409	Solid 1,5 K $\Omega$ 10% 1/2W.
R503	0790741409	Solid 1,5 K $\Omega$ 10% 1/2W.
R504	0790741409	Solid 1,5 K $\Omega$ 10% 1/2W.
R505	0790239008	R.M.G. SMD 1 K $\Omega$ T<=5% 0805
R506		0790535702 Fuse 10 $\Omega$ 5% 0,33V.
R507	0790227003	R.M.G. SMD 100 $\Omega$ T<=5% 0805
R508	0790227003	R.M.G. SMD 100 $\Omega$ T<=5% 0805
R509	0790227003	R.M.G. SMD 100 $\Omega$ T<=5% 0805
R510	0790242002	R.M.G. SMD 1,8 K $\Omega$ 5% 1/10W.
R511	0790242002	R.M.G. SMD 1,8 K $\Omega$ 5% 1/10W.
R512	0790242002	R.M.G. SMD 1,8 K $\Omega$ 5% 1/10W.

ZOCALO		0330162108 Socket TRC Diameter 22,5 mm.
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### MAIN PCB

CN_FR	0330192402	3P. Connector
CN_G2	0640706503	Blue G2 Wire with two terminals
CN_KV	0330272204	2P. Connector Shield cable 400MM
CN_NA	0330193608	4P. Connector
CN_NB	0330198706	10 P. Connector
CN_NC	0330196601	7P. Connector

### CAPACITORS

C100	0230600702	Ceramic SMD 100 nF. 10% 25V.
C102	0230600702	Ceramic SMD 100 nF. 10% 25V.
C103	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C104	0250321072	Electrolytic 10 $\mu$ F. 63V.
C105	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1051	0250321072	Electrolytic 10 $\mu$ F. 63V.
C1052	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C1053	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1054	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1055	0230600702	Ceramic SMD 100 nF. 10% 25V.
C1056	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C1057	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C106	0270101322	Polyester 1000 pF. 5% 400V.
C107	0230480808	Ceramic SMD 10 nF. 10% 50V.
C108	0230180309	Ceramic SMD 33 pF. 1% 50V.
C109	0230180309	Ceramic SMD 33 pF. 1% 50V.

Ref. No.	Part No.	Description
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C112	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C113	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C114	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C115		0230360604 Ceramic SMD 1000 pF. 10% 50V.
C116		0230360604 Ceramic SMD 1000 pF. 10% 50V.
C118	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C120	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1251	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1252	0230600702	Ceramic SMD 100 nF. 10% 25V.
C190	0230600702	Ceramic SMD 100 nF. 10% 25V.
C191	0230640401	Ceramic SMD 220 nF. 10% 16V.
C200	0250321072	Electrolytic 10 $\mu$ F. 63V.
C201	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C202	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C203	0230600702	Ceramic SMD 100 nF. 10% 25V.
C204	0230600702	Ceramic SMD 100 nF. 10% 25V.
C207	0250321072	Electrolytic 10 $\mu$ F. 63V.
C209	0230480808	Ceramic SMD 10 nF. 10% 50V.
C210	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C250	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C251	0250461217	Electrolytic 100 $\mu$ F. 25V.
C252	0270341480	Polyester 100 nF. 10% 63V.
C256	0230480808	Ceramic SMD 10 nF. 10% 50V.
C257	0270341480	Polyester 100 nF. 10% 63V.
C258	0230480808	Ceramic SMD 10 nF. 10% 50V.
C259	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C260	0250410859	Electrolytic 47 $\mu$ F. 25V.
C261	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C300	0250572310	Electrolytic 1000 $\mu$ F. 25V.
C301	0230600702	Ceramic SMD 100 nF. 10% 25V.
C302	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C303	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C304	0230640401	Ceramic SMD 220 nF. 10% 16V.
C305	0230640401	Ceramic SMD 220 nF. 10% 16V.
C306	0230640401	Ceramic SMD 220 nF. 10% 16V.
C307	0230640401	Ceramic SMD 220 nF. 10% 16V.
C308	0250321072	Electrolytic 10 $\mu$ F. 63V.
C309	0250321072	Electrolytic 10 $\mu$ F. 63V.
C310	0240551309	Ceramic 1000 pF. 10% 50V.
C311	0270341324	Polyester 100 nF. 10% 250V.
C312	0270341324	Polyester 100 nF. 10% 250V.
C352	0250410859	Electrolytic 47 $\mu$ F. 25V.
C353	0250410859	Electrolytic 47 $\mu$ F. 25V.
C354	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C355	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C356	0250500618	Electrolytic 220 $\mu$ F. 16V.
C357	0250461217	Electrolytic 100 $\mu$ F. 25V.
C359	0230480808	Ceramic SMD 10 nF. 10% 50V.
C361	0250461217	Electrolytic 100 $\mu$ F. 25V.
C362		0230160400 Ceramic SMD 22 pF. 1% 50V.
C363		0230160400 Ceramic SMD 22 pF. 1% 50V.
C364		0230240400 Ceramic SMD 100 pF. 5% 50V.
C365		0230240400 Ceramic SMD 100 pF. 5% 50V.
C400	0250461217	Electrolytic 100 $\mu$ F. 25V.
C401	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C402	0230740003	Ceramic SMD 2,2 $\mu$ F. 10V. +80-20%
C403	0230520504	Ceramic SMD 22 nF. 10% 50V.
C404	0230640401	Ceramic SMD 220 nF. 10% 16V.
C405	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C406	0230600702	Ceramic SMD 100 nF. 10% 25V.
C407	0230740003	Ceramic SMD 2,2 $\mu$ F. 10V. +80-20%
C408	0230600702	Ceramic SMD 100 nF. 10% 25V.
C409	0230600702	Ceramic SMD 100 nF. 10% 25V.
C410	0230600702	Ceramic SMD 100 nF. 10% 25V.
C411	0230180309	Ceramic SMD 33 pF. 1% 50V.
C412	0230180309	Ceramic SMD 33 pF. 1% 50V.
C413	0230740003	Ceramic SMD 2,2 $\mu$ F. 10V. +80-20%
C414	0230520504	Ceramic SMD 22 nF. 10% 50V.
C415	0250461217	Electrolytic 100 $\mu$ F. 25V.
C416	0230520504	Ceramic SMD 22 nF. 10% 50V.
C417	0230400202	Ceramic SMD 2200 pF. 10% 50V.
C418		0230240400 Ceramic SMD 100 pF. 5% 50V.
C419		0230200503 Ceramic SMD 47 pF. 5% 50V.
C420	0230680308	Ceramic SMD 470 nF. 10% 16V.
C421	0230440406	Ceramic SMD 4700 pF. 10% 50V.
C422		0230240400 Ceramic SMD 100 pF. 5% 50V.
C423		0230360604 Ceramic SMD 1000 pF. 10% 50V.
C424		0230520504 Ceramic SMD 22 nF. 10% 50V.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C425	0260340906	Polypropylene 100 nF. 5% 100V.	C861	0250572419	Electrolytic 1000 $\mu$ F. 16V.
C426	* 0230360604	Ceramic SMD 1000 pF. 10% 50V.	C862	0230640401	Ceramic SMD 220 nF. 10% 16V.
C427	0230600702	Ceramic SMD 100 nF. 10% 25V.	C863	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C428	* 0230240400	Ceramic SMD 100 pF. 5% 50V.	C866	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C429	0230240400	Ceramic SMD 100 pF. 5% 50V.	C868	0250321072	Electrolytic 10 $\mu$ F. 63V.
C430	0230240400	Ceramic SMD 100 pF. 5% 50V.	C870	0250321072	Electrolytic 10 $\mu$ F. 63V.
C431	0230240400	Ceramic SMD 100 pF. 5% 50V.	C871	* 0230360604	Ceramic SMD 1000 pF. 10% 50V.
C432	0230360604	Ceramic SMD 1000 pF. 10% 50V.	C874	0250461217	Electrolytic 100 $\mu$ F. 25V.
C433	0230240400	Ceramic SMD 100 pF. 5% 50V.	C875	0230400202	Ceramic SMD 2200 pF. 10% 50V.
C434	0230680308	Ceramic SMD 470 nF. 10% 16V.	C876	0230360604	Ceramic SMD 1000 pF. 10% 50V.
C435	0250280856	Electrolytic 4,7 $\mu$ F. 100V.	C900	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C436	0230600801	Ceramic SMD 100 nF. +80-20% 25V.	C901	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C437	* 0230360604	Ceramic SMD 1000 pF. 10% 50V.	C902	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C438	0230360604	Ceramic SMD 1000 pF. 10% 50V.	C903	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C439	* 0230480808	Ceramic SMD 10 nF. 10% 50V.	C904	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C442	0250321072	Electrolytic 10 $\mu$ F. 63V.	C905	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C443	0230440406	Ceramic SMD 4700 pF. 10% 50V.	C906	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C450	* 0230240400	Ceramic SMD 100 pF. 5% 50V.	C907	0250321072	Electrolytic 10 $\mu$ F. 63V.
C451	* 0230240400	Ceramic SMD 100 pF. 5% 50V.	C913	* 0230240400	Ceramic SMD 100 pF. 5% 50V.
C452	* 0230240400	Ceramic SMD 100 pF. 5% 50V.	C914	* 0230240400	Ceramic SMD 100 pF. 5% 50V.
C453	0230520504	Ceramic SMD 22 nF. 10% 50V.	C917	* 0230240400	Ceramic SMD 100 pF. 5% 50V.
C454	0230520504	Ceramic SMD 22 nF. 10% 50V.	C918	0230600801	Ceramic SMD 100 nF. +80-20% 25V.
C455	0230520504	Ceramic SMD 22 nF. 10% 50V.	C920	0250321072	Electrolytic 10 $\mu$ F. 63V.
C600A	0270341324	Polyester 100 nF. 10% 250V.	C921	0250321072	Electrolytic 10 $\mu$ F. 63V.
C601	0270140122	Polyester 2200 pF. 10% 400V.	C923	0250321072	Electrolytic 10 $\mu$ F. 63V.
C603	0230520504	Ceramic SMD 22 nF. 10% 50V.	C925	* 0230320608	Ceramic SMD 470 pF. 5% 50V.
C604	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805	C926	0250410859	Electrolytic 47 $\mu$ F. 25V.
C650B	0260260500	Polypropylene 22 nF. 3,5% 630V R-15	C928	0250410859	Electrolytic 47 $\mu$ F. 25V.
C651	⚠ 0260223003	Polypropylene 15 nF. 3,5% 1600V.	C930	0250410859	Electrolytic 47 $\mu$ F. 25V.
C652B	0260393004	Polypropylene 300 nF. 5% 250V. R-15	C931	0250410859	Electrolytic 47 $\mu$ F. 25V.
C653	⚠ 0260433065	Polypropylene 820nF. 5% 250V	C934	0250410859	Electrolytic 47 $\mu$ F. 25V.
C654C	0260150008	Polypropylene 2,7 nF. 1,6KV 3,5%R-15	C935	0250410859	Electrolytic 47 $\mu$ F. 25V.
C655B	0260268008	Polypropylene 47 nF. 5% 100V.	C936	0250410859	Electrolytic 47 $\mu$ F. 25V.
C656	0250115318	Electrolytic 2,2 $\mu$ F. 160V. 6,3X11	C938	0250321072	Electrolytic 10 $\mu$ F. 63V.
C657	0240132035	Ceramic 470 pF. 10% 1KV.	C939	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C658	0230260705	Ceramic SMD 150 pF. 10% 630V. 1206	C940	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C659A	0250504107	Electrolytic 220 $\mu$ F. 200V. 18x40			
C660	0230340408	Ceramic SMD 680 pF. 10% 630V. 1206			
C661	0250283835	Electrolytic 4,7 $\mu$ F. 250V.			
C663	0230600702	Ceramic SMD 100 nF. 10% 25V.			
C668	0250283835	Electrolytic 4,7 $\mu$ F. 250V.			
C669	0230340408	Ceramic SMD 680 pF. 10% 630V. 1206			
C670	0270341324	Polyester 100 nF. 10% 250V.			
C674	0230520504	Ceramic SMD 22 nF. 10% 50V.			
C675	0230600702	Ceramic SMD 100 nF. 10% 25V.			
C680	0250220472	Electrolytic 1 $\mu$ F. 100V.			
C700	0250463718	Electrolytic 100 $\mu$ F. 50V. 8X11,5			
C701	0250463718	Electrolytic 100 $\mu$ F. 50V. 8X11,5			
C703	0270370588	Polyester 180 nF. 10% 63V.			
C704	0250463718	Electrolytic 100 $\mu$ F. 50V. 8X11,5			
C710	0270341480	Polyester 100 nF. 10% 63V.			
C711	* 0230360604	Ceramic SMD 1000 pF. 10% 50V.			
C712	0270220726	Polyester 10 nF. 10% 250V.			
C750	0230360604	Ceramic SMD 1000 pF. 10% 50V.			
C751	* 0230480808	Ceramic SMD 10 nF. 10% 50V.			
C753	0250284023	Electrolytic 4,7 $\mu$ F. 160V.			
C802	0240134767	Ceramic 1000 pF. +20% 1KV.			
C803	0240134767	Ceramic 1000 pF. +20% 1KV.			
C806	0230240400	Ceramic SMD 100 pF. 5% 50V.			
C807	0230200503	Ceramic SMD 47 pF. 5% 50V.			
C809	0230300709	Ceramic SMD 330 pF. 5% 50V.			
C810	0250503661	Electrolytic. 220 $\mu$ F. 385V. 30X35			
C811	0250412970	Electrolytic 47 $\mu$ F. 50V.			
C812	⚠* 0240136135	Ceramic Capacitor 1000 pF. 20% 4KV.			
C813	0230360505	Ceramic SMD 1000 pF 5% 100V.0805			
C814	0230260309	Ceramic SMD 150 pF. 10% 1KV. 1206			
C816	⚠* 0240136135	Ceramic Capacitor 1000 pF. 20% 4KV.			
C817	0230300303	Ceramic SMD 330 pF. 10% 630V. 1206			
C818	0230300303	Ceramic SMD 330 pF. 10% 630V. 1206			
C850	0230280505	Ceramic SMD 220 pF. 10% 1KV. 1206			
C851	0230360604	Ceramic SMD 1000 pF. 10% 50V.			
C852	0230360604	Ceramic SMD 1000 pF. 10% 50V.			
C855	0230600801	Ceramic SMD 100 nF. +80-20% 25V.			
C856	0250465218	Electrolytic 100 $\mu$ F. 200V.			
C857	0250601515	Electrolytic 2200 $\mu$ F. 25V. R-7,5			
C858	0250531910	Electrolytic 470 $\mu$ F. 25V. 10X12,5			
C859	0250531910	Electrolytic 470 $\mu$ F. 25V. 10X12,5			
C860	0250572419	Electrolytic 1000 $\mu$ F. 16V.			

**DIODES**









D102	0360601512	SMD LS4148
D105	0360130819	1N 4148
D106	0360601512	SMD LS4148
D107	0360130819	1N 4148
D108	0360102602	Zener BZX79C3V3
D190	0360130819	1N 4148
D200	0360601512	SMD LS4148
D201	0360601512	SMD LS4148
D250	0360706014	HZT33-02 RE
D251	0360601512	SMD LS4148
D300	0360103204	Zener BZX79C5V1
D301	0360103204	Zener BZX79C5V1
D350	0360601512	SMD LS4148
D351	0360601512	SMD LS4148
D401	0360602411	Zener SMD BZT55C6V2
D402	0360601512	SMD LS4148
D600	0360605604	SMD BAV103 200V 0,25A
D650	0360118608	ERD07-15L
D651	0360007215	BAV21 DIODE
D652A	0360380109	RU3AM
D653	0360377006	ERB44-04
D654	0360601512	SMD LS4148
D655	0360603914	Zener SMD BZT55C33
D658	0360601512	SMD LS4148
D659	0360130819	1N 4148
D660	0360601512	SMD LS4148
D661	0360603914	Zener SMD BZT55C33
D663	0360377006	ERB44-04
D672	0360601512	SMD LS4148
D674	0360603310	Zener SMD BZT55C15
D675	0360601512	SMD LS4148
D683	0360601512	SMD LS4148
D700	0360601512	SMD LS4148
D701	0360130629	1N 4007 RL
D702	0360130819	1N 4148
D703	0360603914	Zener SMD BZT55C33
D704	0360130819	1N 4148
D705	0360135107	Zener BZX79C8V2
D750	0360601512	SMD LS4148
D751	0360105100	Zener BZX79C11









Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
L905	*	0620011502 Ferrite SMD 0603 600 Ω/100MHZ	R1050	0790752208	R.M.G. SMD 12 KΩ T<=5% 0805
PCB11	△	0750153629 MAIN PCB EB5-C	R1051	0790235006	R.M.G. SMD 470 Ω T<=5% 0805
<b>TRANSISTORS</b>			R106	0790138804	Carbon 1 KΩ 5% 1/6W.
Q100		0360320501 BRT SMD PDTA124ET	R107	0790138804	Carbon 1 KΩ 5% 1/6W.
Q101		0360320501 BRT SMD PDTA124ET	R108	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q102		0360320303 SMD BC 847 B	R109	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q104		0360320303 SMD BC 847 B	R110	0790138804	Carbon 1 KΩ 5% 1/6W.
Q105		0360320303 SMD BC 847 B	R112	0790141600	Carbon 1,5 KΩ 5% 1/6W.
Q1050		0360320600 BRT SMD PDTC124ET	R113	0790146401	Carbon 3,9 KΩ 5% 1/6W.
Q1051		0360320303 SMD BC 847 B	R114	0790756001	R.M.G. SMD 24 KΩ 1% 1/8W.
Q106		0360320600 BRT SMD PDTC124ET	R118	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q107		0360321301 SMD BC 857 B	R119	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q1250		0360308803 SMD PMBT2369	R120	0470040007	Jumper Lead 0,6 mm.
Q190		0360320303 SMD BC 847 B	R121	0470040007	Jumper Lead 0,6 mm.
Q200		0360320303 SMD BC 847 B	R122	0790237002	R.M.G. SMD 680 Ω T<=5% 0805
Q201		0360320600 BRT SMD PDTC124ET	R123	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q202		0360321301 SMD BC 857 B	R125	0790723506	R.M.G. SMD 47 Ω 1% 1/10W.
Q203		0360320303 SMD BC 847 B	R1251	0790131106	Carbon 220 Ω 5% 1/4W.
Q204		0360320303 SMD BC 847 B	R1252	0790247001	R.M.G. SMD 4,7 KΩ T<=5% 0805
Q207		0360320600 BRT SMD PDTC124ET	R1253	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
Q250		0360320303 SMD BC 847 B	R1254	0790767503	R.M.G. SMD 220 KΩ T<=5% 0805
Q251		0360308803 SMD PMBT2369	R1255	0790268007	R.M.G. SMD 330 KΩ T<=5% 0805
Q252		0360320501 BRT SMD PDTA124ET	R1256	0790258503	R.M.G. SMD 43 KΩ T<=5% 0805
Q253		0360320501 BRT SMD PDTA124ET	R1257	0790256002	R.M.G. SMD 27 KΩ T<=5% 0805
Q254		0360320501 BRT SMD PDTA124ET	R1258	0790701106	R.M.G. SMD 0 Ω 1/10W.
Q255		0360320410 SMD BF 570	R126	0790723506	R.M.G. SMD 47 Ω 1% 1/10W.
Q257		0360320600 BRT SMD PDTC124ET	R1262	0790757603	R.M.G. SMD 33 KΩ T<=5% 0805
Q300		0360320600 BRT SMD PDTC124ET	R127	0790723506	R.M.G. SMD 47 Ω 1% 1/10W.
Q301		0360320600 BRT SMD PDTC124ET	R128	0790247001	R.M.G. SMD 4,7 KΩ T<=5% 0805
Q350		0360320600 BRT SMD PDTC124ET	R129	0790155600	Carbon 22 KΩ 5% 1/6W.
Q351		0360320600 BRT SMD PDTC124ET	R130	0790741805	R.M.G. SMD 1,5 KΩ T<=5% 0805
Q352		0360320600 BRT SMD PDTC124ET	R131	0790755706	R.M.G. SMD 23,7 KΩ 1% 1/8W.
Q400		0360320303 SMD BC 847 B	R132	0790758304	R.M.G. SMD 39 KΩ 1% 1/8W.
Q401		0360320303 SMD BC 847 B	R133	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
Q600		0360309108 2SC2271D-CTV-AE	R134	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
Q604		0360321301 SMD BC 857 B	R135	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q650		0360306708 S 2055 N	R136	0790138804	Carbon 1 KΩ 5% 1/6W.
Q651		0360320303 SMD BC 847 B	R137	0790138804	Carbon 1 KΩ 5% 1/6W.
Q652		0360320303 SMD BC 847 B	R138	0790138804	Carbon 1 KΩ 5% 1/6W.
Q653		0360308605 KSP 92 TO-92	R139	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
Q672		0360308506 KSP 42 TO-92	R140	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q673		0360320303 SMD BC 847 B	R141	0790126700	Carbon 100 Ω 5% 1/6W.
Q674		0360321301 SMD BC 857 B	R142	0790126700	Carbon 100 Ω 5% 1/6W.
Q750		0360309009 BD242BFP	R143	0790247001	R.M.G. SMD 4,7 KΩ T<=5% 0805
Q751		0360320600 BRT SMD PDTC124ET	R144	0790247001	R.M.G. SMD 4,7 KΩ T<=5% 0805
Q752		0360308605 KSP 92 TO-92	R145	0790138804	Carbon 1 KΩ 5% 1/6W.
Q753		0360308605 KSP 92 TO-92	R146	0790138804	Carbon 1 KΩ 5% 1/6W.
Q754		0360308506 KSP 42 TO-92	R148	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
Q800	*	0360311302 MOS 2SK2545 600V/6A	R149	0790247001	R.M.G. SMD 4,7 KΩ T<=5% 0805
Q850		0360311203 MOS 2SK2964 30V/2A SMD	R150	0790130504	Carbon 180 Ω 5% 1/6W
Q851		0360320600 BRT SMD PDTC124ET	R152	0790749808	R.M.G. SMD 7,5 KΩ T<=5% 0805
Q852		0360311203 MOS 2SK2964 30V/2A SMD	R153	0790749808	R.M.G. SMD 7,5 KΩ T<=5% 0805
Q853		0360320303 SMD BC 847 B	R156	0790138804	Carbon 1 KΩ 5% 1/6W.
Q854		0360320303 SMD BC 847 B	R157	0790143606	Carbon 2,2 KΩ 5% 1/6W.
Q855		0360320303 SMD BC 847 B	R158	0790243000	R.M.G. SMD 2,2 KΩ T<=5% 0805
Q856		0360320303 SMD BC 847 B	R160	0790263008	R.M.G. SMD 100 KΩ T<=5% 0805
Q857		0360320600 BRT SMD PDTC124ET	R162	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
Q858		0360320501 BRT SMD PDTA124ET	R163	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
Q859		0360320303 SMD BC 847 B	R165	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q861		0360320600 BRT SMD PDTC124ET	R166	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
Q862		0360308605 KSP 92 TO-92	R168	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
Q863		0360308506 KSP 42 TO-92	R169	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
Q900		0360320303 SMD BC 847 B	R170	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
Q901		0360320303 SMD BC 847 B	R174	0790126700	Carbon 100 Ω 5% 1/6W.
Q904		0360308803 SMD PMBT2369	R179	0470040007	Jumper Lead 0,6 mm.
Q905		0360308803 SMD PMBT2369	R182	0790126700	Carbon 100 Ω 5% 1/6W.
Q906		0360308803 SMD PMBT2369	R190	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
Q907		0360321301 SMD BC 857 B	R191	0790263008	R.M.G. SMD 100 KΩ T<=5% 0805
Q908		0360320303 SMD BC 847 B	R192	0790235006	R.M.G. SMD 470 Ω T<=5% 0805
<b>RESISTORS</b>			R193	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R100		0790239008 R.M.G. SMD 1 KΩ T<=5% 0805	R194	0790328603	Metal Film 75 Ω 1% 0,6W.
R101		0790239008 R.M.G. SMD 1 KΩ T<=5% 0805	R195	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R102		0790239008 R.M.G. SMD 1 KΩ T<=5% 0805	R196	0790328603	Metal Film 75 Ω 1% 0,6W.
R103		0790239008 R.M.G. SMD 1 KΩ T<=5% 0805	R197	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R105		0790580203 Metal Film 22 KΩ 1% 0,4W.			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R198	0790328603	Metal Film 75 Ω 1% 0,6W.	R412	0790243000	R.M.G. SMD 2,2 KΩ T<=5% 0805
R200	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R413	0790227003	R.M.G. SMD 100 Ω T<=5% 0805
R201	0790131106	Carbon 220 Ω 5% 1/4W.	R414	0790756308	Carbon 27 KΩ 5% 1/6W.
R202	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R415	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R203	0470040007	Jumper Lead 0,6 mm.	R416	0790288005	R.M.G. SMD 10 MΩ 5% 1/10W.
R204	0790864102	R.M.G. SMD 1,2 KΩ T<=5% 0805	R417	0790288005	R.M.G. SMD 10 MΩ 5% 1/10W.
R205	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R418	0790753909	R.M.G. SMD 15 KΩ T<=5% 0805
R207	* 0790223002	R.M.G. SMD 47 Ω T<=5% 0805	R419	0790753909	R.M.G. SMD 15 KΩ T<=5% 0805
R208	* 0790223002	R.M.G. SMD 47 Ω T<=5% 0805	R420	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
R209	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R423	0790263008	R.M.G. SMD 100 KΩ T<=5% 0805
R210	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R424	0790757603	R.M.G. SMD 33 KΩ T<=5% 0805
R211	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R425	0790180707	R.M.G. SMD 2,2 MΩ T<=5% 0805
R212	0790234009	R.M.G. SMD 390 Ω T<=5% 0805	R426	0790758304	R.M.G. SMD 39 KΩ 1% 1/8W.
R213	0790235006	R.M.G. SMD 470 Ω T<=5% 0805	R427	0790137707	Carbon 680 Ω 5% 1/6W
R214	0790234009	R.M.G. SMD 390 Ω T<=5% 0805	R428	0790123400	Carbon 47 Ω 5% 1/6W.
R215	0790846109	R.M.G. SMD 220 Ω T<=5% 0805	R429	0790227003	R.M.G. SMD 100 Ω T<=5% 0805
R216	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R431	0790126700	Carbon 100 Ω 5% 1/6W.
R217	0790235006	R.M.G. SMD 470 Ω T<=5% 0805	R432	0790126700	Carbon 100 Ω 5% 1/6W.
R218	0790133607	Carbon 330 Ω 5% 1/6W.	R433	0790126700	Carbon 100 Ω 5% 1/6W.
R219	0790133607	Carbon 330 Ω 5% 1/6W.	R440	0790184402	Carbon 4,7 MΩ 5% 1/4W.
R220	0790131908	Carbon 220 Ω 5% 1/6W.	R442	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R250	⚠ 0790579437	Metal Film 18 KΩ 5% 2W.	R443	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R251	0790138804	Carbon 1 KΩ 5% 1/6W.	R444	0790227003	R.M.G. SMD 100 Ω T<=5% 0805
R252	0790235006	R.M.G. SMD 470 Ω T<=5% 0805	R450	* 0790126700	Carbon 100 Ω 5% 1/6W.
R253	0790263008	R.M.G. SMD 100 KΩ T<=5% 0805	R451	* 0790126700	Carbon 100 Ω 5% 1/6W.
R254	0790126700	Carbon 100 Ω 5% 1/6W.	R452	* 0790126700	Carbon 100 Ω 5% 1/6W.
R255	0790153605	Carbon 15 KΩ 5% 1/6W	R453	0790126700	Carbon 100 Ω 5% 1/6W.
R256	0790753909	R.M.G. SMD 15 KΩ T<=5% 0805	R454	0790126700	Carbon 100 Ω 5% 1/6W.
R258	0790259006	R.M.G. SMD 47 KΩ T<=5% 0805	R455	0790126700	Carbon 100 Ω 5% 1/6W.
R259	0790874101	R.M.G. SMD 2,7 KΩ T<=5% 0805	R456	0790126700	Carbon 100 Ω 5% 1/6W.
R260	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R457	0790227003	R.M.G. SMD 100 Ω T<=5% 0805
R261	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805	R458	0790126700	Carbon 100 Ω 5% 1/6W.
R262	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805	R459	0790126700	Carbon 100 Ω 5% 1/6W.
R263	0790246003	R.M.G. SMD 3,9 KΩ T<=5% 0805	R601A	0790147300	Carbon 4,7 KΩ 5% 1/2W.
R264	0790753909	R.M.G. SMD 15 KΩ T<=5% 0805	R602	0790248009	R.M.G. SMD 5,6 KΩ T<=5% 0805
R265	0790701106	R.M.G. SMD 0 Ω 1/10W.	R603	⚠ 0790344030	Metal Film 1,2 KΩ 5% 2W.
R266	0790242002	R.M.G. SMD 1,8 KΩ 5% 1/10W.	R604	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R267	0790874101	R.M.G. SMD 2,7 KΩ T<=5% 0805	R605	0790243000	R.M.G. SMD 2,2 KΩ T<=5% 0805
R268	0790223002	R.M.G. SMD 47 Ω T<=5% 0805	R606	0470040007	Jumper Lead 0,6 mm.
R269	0790229009	R.M.G. SMD 150 Ω T<=5% 0805	R607	0790223002	R.M.G. SMD 47 Ω T<=5% 0805
R300	0790750004	Carbon 7,5 KΩ 5% 1/6W.	R608	⚠ 0790578132	Metal Film 15 KΩ 5% 2W.
R301	0790245005	R.M.G. SMD 3,3 KΩ T<=5% 0805	R612	⚠ 0790518807	Metal Film 0,56 Ω 5% 1,2W. __
R302	0790750004	Carbon 7,5 KΩ 5% 1/6W.	R651	0790331201	Metal Film 120 Ω 5% 2W.
R303	0790245005	R.M.G. SMD 3,3 KΩ T<=5% 0805	R652	0790559223	Metal Film 820 Ω 5% 1W.
R304	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805	R653	0470040007	Jumper Lead 0,6 mm.
R305	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805	R654	0790701106	R.M.G. SMD 0 Ω 1/10W.
R309	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R655	0790527014	Metal Film 1,8 Ω 5% 2W.
R310	⚠ 0790200000	Fuse 0,1 Ω 10% 0,5W	R656	0790260004	R.M.G. SMD 56 KΩ T<=5% 0805
R311	0790111207	Carbon 4,7 Ω 5% 1/4W.	R657	0790259006	R.M.G. SMD 47 KΩ T<=5% 0805
R312	0790111207	Carbon 4,7 Ω 5% 1/4W.	R658	0790259006	R.M.G. SMD 47 KΩ T<=5% 0805
R350	0790123103	Carbon 47 Ω 5% 1/4W.	R660	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
R351	0790123103	Carbon 47 Ω 5% 1/4W.	R661	0790251003	R.M.G. SMD 10 KΩ T<=5% 0805
R352	0790711204	R.M.G. SMD 4,7 Ω T<=5% 0805	R662	0790131908	Carbon 220 Ω 5% 1/6W.
R353	0790711204	R.M.G. SMD 4,7 Ω T<=5% 0805	R663	0790151500	Carbon 10 KΩ 5% 1/6W.
R354	0790318000	R.M.G. SMD 10 Ω T<=5% 0805	R666A	0790512313	Metal Film 0,33 Ω 5% 1W.
R355	0790247001	R.M.G. SMD 4,7 KΩ T<=5% 0805	R667	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805
R356	0790247001	R.M.G. SMD 4,7 KΩ T<=5% 0805	R668	0790163000	Carbon 100 KΩ 5% 1/6W
R357	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805	R669	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
R359	0790741805	R.M.G. SMD 1,5 KΩ T<=5% 0805	R670	0790701106	R.M.G. SMD 0 Ω 1/10W.
R360	0790159503	Carbon 47 KΩ 5% 1/6W	R675	0470040007	Jumper Lead 0,6 mm.
R361	0790741805	R.M.G. SMD 1,5 KΩ T<=5% 0805	R676	0790263008	R.M.G. SMD 100 KΩ T<=5% 0805
R362	0790259006	R.M.G. SMD 47 KΩ T<=5% 0805	R677	0790159503	Carbon 47 KΩ 5% 1/6W
R363	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R678	0790888101	R.M.G. SMD 9,1 KΩ T<=5% 0805
R364	0790239008	R.M.G. SMD 1 KΩ T<=5% 0805	R679	0790156103	Carbon 27 KΩ 5% 1/4W.
R400	0790126700	Carbon 100 Ω 5% 1/6W.	R680	0790263008	R.M.G. SMD 100 KΩ T<=5% 0805
R401	0790126700	Carbon 100 Ω 5% 1/6W.	R681	0790255103	Metal GL. RES. 22 KΩ 1% 1/10W.
R402	0790151500	Carbon 10 KΩ 5% 1/6W.	R682	0790259006	R.M.G. SMD 47 KΩ T<=5% 0805
R403	0790227003	R.M.G. SMD 100 Ω T<=5% 0805	R683	0790259006	R.M.G. SMD 47 KΩ T<=5% 0805
R404	0790227003	R.M.G. SMD 100 Ω T<=5% 0805	R684	0790143606	Carbon 2,2 KΩ 5% 1/6W.
R405	0790227003	R.M.G. SMD 100 Ω T<=5% 0805	R685	0790260004	R.M.G. SMD 56 KΩ T<=5% 0805
R408	0790126700	Carbon 100 Ω 5% 1/6W.	R688	0790767503	R.M.G. SMD 220 KΩ T<=5% 0805
R409	0790126700	Carbon 100 Ω 5% 1/6W.	R689	0790151500	Carbon 10 KΩ 5% 1/6W.
R410	0790126700	Carbon 100 Ω 5% 1/6W.	R690	0790255004	R.M.G. SMD 22 KΩ T<=5% 0805
R411	0790126700	Carbon 100 Ω 5% 1/6W.	R691	0790127104	Carbon 100 Ω 5% 1/4W.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R694	0790247001	R.M.G. SMD 4,7 K $\Omega$ T $\leq$ 5% 0805	R901	0790126700	Carbon 100 $\Omega$ 5% 1/6W.
R696	0790261002	R.M.G. SMD 68 K $\Omega$ T $\leq$ 5% 0805	R902	0790036305	Carbon 2,2 K $\Omega$ 5% 1/4W.
R698	0790145106	Carbon 3,3 K $\Omega$ 5% 1/6W	R903	0790026207	Carbon 560 $\Omega$ 5% 1/4W.
R700	0790151500	Carbon 10 K $\Omega$ 5% 1/6W.	R904	0790126700	Carbon 100 $\Omega$ 5% 1/6W.
R702	0790522601	Metal Film 0,82 $\Omega$ 5% 0,6W.	R905	0790036305	Carbon 2,2 K $\Omega$ 5% 1/4W.
R703	0790526701	Metal Film 1,5 $\Omega$ 1% 0,6W.	R906	0790155105	Carbon 22 K $\Omega$ 5% 1/4W.
R705A	0790139315	Carbon 1 K $\Omega$ 5% 1/2W.	R907	0790749402	R.M.G. SMD 6,8 K $\Omega$ T $\leq$ 5% 0805
R706	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805	R908	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R708	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805	R909	0790725907	SMD 75 $\Omega$ 5% 0,25W. 1206
R711	0790349203	Metal Film 1,82 K $\Omega$ 1% 0,4W.	R910	0790155105	Carbon 22 K $\Omega$ 5% 1/4W.
R712	0790349203	Metal Film 1,82 K $\Omega$ 1% 0,4W.	R911	0790749402	R.M.G. SMD 6,8 K $\Omega$ T $\leq$ 5% 0805
R750A	 0790539662	Metal Film 22 $\Omega$ 5% 2W.	R912	0790026207	Carbon 560 $\Omega$ 5% 1/4W.
R751	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805	R913	0790227003	R.M.G. SMD 100 $\Omega$ T $\leq$ 5% 0805
R752	0790248009	R.M.G. SMD 5,6 K $\Omega$ T $\leq$ 5% 0805	R914	0790026207	Carbon 560 $\Omega$ 5% 1/4W.
R753	0790163000	Carbon 100 K $\Omega$ 5% 1/6W	R915	0790227003	R.M.G. SMD 100 $\Omega$ T $\leq$ 5% 0805
R754	0790586309	Metal Film 68 K $\Omega$ 1% 0,6W	R916	0790036305	Carbon 2,2 K $\Omega$ 5% 1/4W.
R755	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805	R917	0790036305	Carbon 2,2 K $\Omega$ 5% 1/4W.
R756	0790127104	Carbon 100 $\Omega$ 5% 1/4W.	R918	0790141600	Carbon 1,5 K $\Omega$ 5% 1/6W.
R757	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805	R919	0790141600	Carbon 1,5 K $\Omega$ 5% 1/6W.
R758	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805	R920	0790141600	Carbon 1,5 K $\Omega$ 5% 1/6W.
R759	0790155600	Carbon 22 K $\Omega$ 5% 1/6W.	R921	0790134001	Carbon 390 $\Omega$ 5% 1/6W
R760A	 0790536437	Metal Film 10 $\Omega$ 5% 2W.	R922	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R761	0790138804	Carbon 1 K $\Omega$ 5% 1/6W.	R923	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R762	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805	R924	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R763	0790126700	Carbon 100 $\Omega$ 5% 1/6W.	R925	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R803	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805	R926	0790125900	Carbon 75 $\Omega$ 5% 1/6W.
R804	0790741805	R.M.G. SMD 1,5 K $\Omega$ T $\leq$ 5% 0805	R927	0790725907	SMD 75 $\Omega$ 5% 0,25W. 1206
R805	0790590111	Metal Film 150 K $\Omega$ 5% 2W.	R928	0790146401	Carbon 3,9 K $\Omega$ 5% 1/6W.
R806	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805	R929	0790246003	R.M.G. SMD 3,9 K $\Omega$ T $\leq$ 5% 0805
R808	0790243000	R.M.G. SMD 2,2 K $\Omega$ T $\leq$ 5% 0805	R930	0790246003	R.M.G. SMD 3,9 K $\Omega$ T $\leq$ 5% 0805
R810	 0790513014	Fuse 0,33 $\Omega$ 5% 0,5W.	R931	0790227003	R.M.G. SMD 100 $\Omega$ T $\leq$ 5% 0805
R811	 0790609002	Metal GLAZE RES. 8,2 M $\Omega$ 5% 1W.	R932	0790227003	R.M.G. SMD 100 $\Omega$ T $\leq$ 5% 0805
R812	 0470040007	Jumper Lead 0,6 mm.	R933	0790227003	R.M.G. SMD 100 $\Omega$ T $\leq$ 5% 0805
R813	0790764005	R.M.G. SMD 120 K $\Omega$ T $\leq$ 5% 0805	R934	0790135701	Carbon 470 $\Omega$ 5% 1/6W.
R814	0790151203	R.M.G. SMD 11 K $\Omega$ 5% 1/10W 0805	R935	0790550701	Metal Film 150 $\Omega$ 1% 0,6W.
R815	0790153605	Carbon 15 K $\Omega$ 5% 1/6W	R936	0790135701	Carbon 470 $\Omega$ 5% 1/6W.
R816	0790138002	Carbon 750 $\Omega$ 5% 1/4W.	R938	0470040007	Jumper Lead 0,6 mm.
R817	0790121206	Carbon 33 $\Omega$ 5% 1/4W.	R939	0470040007	Jumper Lead 0,6 mm.
R818	0790135206	Carbon 470 $\Omega$ 5% 1/4W.	R940	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R819	0790247001	R.M.G. SMD 4,7 K $\Omega$ T $\leq$ 5% 0805	R941	0790328603	Metal Film 75 $\Omega$ 1% 0,6W.
R820	0790206502	Metal Film 0,36 $\Omega$ 5% 1,2W.	R942	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805
R821	0790206502	Metal Film 0,36 $\Omega$ 5% 1,2W.	R943	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805
R851	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805	R945	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R852	0790247001	R.M.G. SMD 4,7 K $\Omega$ T $\leq$ 5% 0805	R946	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R853	0790237002	R.M.G. SMD 680 $\Omega$ T $\leq$ 5% 0805	R947	0790225502	R.M.G. SMD 75 $\Omega$ T $\leq$ 5% 0805
R854	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805	R948	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805
R855	0790594204	Metal Film 280 K $\Omega$ 1% 0,6W	R949	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805
R856	0790353007	M.G.R. SMD 4,87 K $\Omega$ 1% 1/8W 0805	R950	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805
R857	0790592307	Metal Film 220 K $\Omega$ 1% 0,6W.	SF200	*	0090413204 SAW Filter K3953M
R858	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805	SF201	*	0090414806 SAW Filter K9456M
R859	0790256002	R.M.G. SMD 27 K $\Omega$ T $\leq$ 5% 0805	SF250	*	0090413600 Ceramic Filter MKT40.4MA110P
R860	0790363105	R.M.G. SMD 18 K $\Omega$ T $\leq$ 5% 0805	S900	0330162603	Scart Connector 21 PIN BLACK
R861	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805	S901	0330162702	Scart Connector 21 PIN BLUE
R862	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805	<b>TUNER</b>		
R863	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805	TU250	*	0850102617 Tuner UV1315/AI-2
R864	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805	<b>TRANSFORMERS</b>		
R865	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805	T600		0940200801 Driver Transformer 800T/20T
R866	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805	T650C		0940109903 FBT 29" MBO EB5-C HFT2307
R867	0790741805	R.M.G. SMD 1,5 K $\Omega$ T $\leq$ 5% 0805	T650CF		0330160508 Focus Wire FBT SANYO
R869	0790363105	R.M.G. SMD 18 K $\Omega$ T $\leq$ 5% 0805	T800		0930108105 Switch Mode Transf. EB5-C 29" 10770080
R870	0790127104	Carbon 100 $\Omega$ 5% 1/4W.	VR850		0770512408 VR 470 $\Omega$
R871	0790767008	Carbon 220 K $\Omega$ 5% 1/6W.	X100		0090122706 Quartz Crystal 12 MHz 20pF
R872	0790178602	Carbon 1,6 M $\Omega$ 5% 1/6W.	X400		0090122706 Quartz Crystal 12 MHz 20pF
R873	0790251003	R.M.G. SMD 10 K $\Omega$ T $\leq$ 5% 0805			
R874	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805			
R876	0790259006	R.M.G. SMD 47 K $\Omega$ T $\leq$ 5% 0805			
R877	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805			
R878	0790000103	SMD 0,33 $\Omega$ 5% 0,25W.			
R879	0790000103	SMD 0,33 $\Omega$ 5% 0,25W.			
R880	0790597108	Metal Film 470 K $\Omega$ 5% 0,6W			
R881	0790155600	Carbon 22 K $\Omega$ 5% 1/6W.			
R885	0790239008	R.M.G. SMD 1 K $\Omega$ T $\leq$ 5% 0805			
R886	0790255004	R.M.G. SMD 22 K $\Omega$ T $\leq$ 5% 0805			
R900	0790026207	Carbon 560 $\Omega$ 5% 1/4W.			

Ref. No.	Part No.	Description
<b>AUDIO PCB</b>		
<b>CAPACITORS</b>		
C1301	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1302	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1303	0230600702	Ceramic SMD 100 nF. 10% 25V.
C1304	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1305	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1306	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1307	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1308	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1309	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1310	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1311	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1312	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1313	* 0230240400	Ceramic SMD 100 pF. 5% 50V.
C1314	* 0230240400	Ceramic SMD 100 pF. 5% 50V.
C1319	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1320	0250410859	Electrolytic 47 $\mu$ F. 25V.
C1323	0250410859	Electrolytic 47 $\mu$ F. 25V.
C1324	0230320707	Ceramic SMD 470 pF. 10% 50V.
C1326	0230320707	Ceramic SMD 470 pF. 10% 50V.
C1328	0230320707	Ceramic SMD 470 pF. 10% 50V.
C1330	0230320707	Ceramic SMD 470 pF. 10% 50V.
C1332	0250410859	Electrolytic 47 $\mu$ F. 25V.
C1333	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1334	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1335	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1336	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1338	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1339	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1340	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1341	0250321072	Electrolytic 10 $\mu$ F. 63V.
C1342	0230480808	Ceramic SMD 10 nF. 10% 50V.
C1343	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1344	0230720203	Ceramic SMD 1 $\mu$ F. 16V. +80-20% 0805
C1380	0230600702	Ceramic SMD 100 nF. 10% 25V.
C1381	0250410859	Electrolytic 47 $\mu$ F. 25V.
C1382	0250280856	Electrolytic 4,7 $\mu$ F. 100V.
C1383	0250220472	Electrolytic 1 $\mu$ F. 100V.
C1384	0270241136	Polyester 15 nF. 5% 63V.
C1385	0230320608	Ceramic SMD 470 pF. 5% 50V.
C1386	0250280856	Electrolytic 4,7 $\mu$ F. 100V.
C1387	0250280856	Electrolytic 4,7 $\mu$ F. 100V.
C1388	0270222037	Polyester 10 nF. 5% 63V.
C1389	0270311137	Polyester 56 nF. 5% 63V.
C1390	0250410859	Electrolytic 47 $\mu$ F. 25V.
C1391	0270311137	Polyester 56 nF. 5% 63V.
C1392	0270222037	Polyester 10 nF. 5% 63V.
C1393	0250280856	Electrolytic 4,7 $\mu$ F. 100V.
C1394	0250280856	Electrolytic 4,7 $\mu$ F. 100V.
C1395	0230320608	Ceramic SMD 470 pF. 5% 50V.
C1396	0270241136	Polyester 15 nF. 5% 63V.
C1397	0250220472	Electrolytic 1 $\mu$ F. 100V.
C1398	0250280856	Electrolytic 4,7 $\mu$ F. 100V.
C1399	0230600702	Ceramic SMD 100 nF. 10% 25V.
<b>DIODES</b>		
D1301	0360602213	Zener SMD BZT55C5V1
D1302	0360602213	Zener SMD BZT55C5V1
D1303	0360602213	Zener SMD BZT55C5V1
D1304	0360602213	Zener SMD BZT55C5V1
<b>INTEGRATED CIRCUITS</b>		
IC1300	0360517700	TDA 9875AH V2
IC1380	0360517403	BA3880AFS
K1300	0330330101	8P. Connector
K1301	0330330101	8P. Connector
K1302	0330198706	10 P. Connector
<b>COILS</b>		
L1300	0620011502	Ferrite SMD 0603 600 $\Omega$ /100MHz
L1301	0620011502	Ferrite SMD 0603 600 $\Omega$ /100MHz
L1302	0620011502	Ferrite SMD 0603 600 $\Omega$ /100MHz
L1303	0620011502	Ferrite SMD 0603 600 $\Omega$ /100MHz

Ref. No.	Part No.	Description
L1304	0620005801	Ferrite SMD 0805 1K/100MHz 0,2A
L1305	0090316506	Peaking Coil 2,2 $\mu$ H.10% RADIAL
L1306	0620005801	Ferrite SMD 0805 1K/100MHz 0,2A
L1307	0620005801	Ferrite SMD 0805 1K/100MHz 0,2A
L1308	0090316506	Peaking Coil 2,2 $\mu$ H.10% RADIAL
L1309	0620011502	Ferrite SMD 0603 600 $\Omega$ /100MHz
L1310	0620005801	Ferrite SMD 0805 1K/100MHz 0,2A
PCB14	 0750153926	AUDIO PCB EB5-C
<b>TRANSISTORS</b>		
Q1300	0360320600	BRT SMD PDTC124ET
Q1301	0360320600	BRT SMD PDTC124ET
<b>RESISTORS</b>		
R1300	0790227003	R.M.G. SMD 100 $\Omega$ T<=5% 0805
R1301	0790227003	R.M.G. SMD 100 $\Omega$ T<=5% 0805
R1302	0790251003	R.M.G. SMD 10 K $\Omega$ T<=5% 0805
R1303	0790255004	R.M.G. SMD 22 K $\Omega$ T<=5% 0805
R1304	0790701106	R.M.G. SMD 0 $\Omega$ 1/10W.
R1305	0790701106	R.M.G. SMD 0 $\Omega$ 1/10W.
R1306	0790247001	R.M.G. SMD 4,7 K $\Omega$ T<=5% 0805
R1309	0790239008	R.M.G. SMD 1 K $\Omega$ T<=5% 0805
R1310	0790752208	R.M.G. SMD 12 K $\Omega$ T<=5% 0805
R1311	0790752208	R.M.G. SMD 12 K $\Omega$ T<=5% 0805
R1312	0790752208	R.M.G. SMD 12 K $\Omega$ T<=5% 0805
R1313	0790752208	R.M.G. SMD 12 K $\Omega$ T<=5% 0805
R1314	0790752208	R.M.G. SMD 12 K $\Omega$ T<=5% 0805
R1315	0790752208	R.M.G. SMD 12 K $\Omega$ T<=5% 0805
R1316	0790232003	R.M.G. SMD 270 $\Omega$ T<=5% 0805
R1321	0790247001	R.M.G. SMD 4,7 K $\Omega$ T<=5% 0805
X1300	0090121906	Quartz Crystal 24.576 MHz
<b>PWB ASSY FRONT</b>		
CN_NAF	0330430000	Connector Assy 4P W/WireS 90 mm.
CN_NBF	0330490103	Connector Assy 10P W/WireS 90 mm.
CN_NCF	0330460007	Connector Assy 7P W/WireS 90 mm.
<b>CAPACITORS</b>		
C1800	 *	0260380324 Polypropilene 220 nF 10% 275V.
C1801	 *	0260341003 Polypropylene 100 nF. 20% 275V
C1810		0250321072 Electrolytic 10 $\mu$ F. 63V.
C1830	*	0240143214 Ceramic 10 nF. +80-20% 63V.
C1831	*	0240143214 Ceramic 10 nF. +80-20% 63V.
C1832		0270341480 Polyester 100 nF. 10% 63V.
C1840	*	0240131417 Ceramic 470 pF. 10% 100V.
C1841		0240131417 Ceramic 470 pF. 10% 100V.
C1843	*	0240131417 Ceramic 470 pF. 10% 100V.
C1844		0240131417 Ceramic 470 pF. 10% 100V.
C1847		0250321072 Electrolytic 10 $\mu$ F. 63V.
C1849	*	0240131417 Ceramic 470 pF. 10% 100V.
<b>DIODES</b>		
D1800	0360126205	Red/Green 3 mm.
D1801	0360130819	1N 4148
D1840	0360103204	Zener BZX79C5V1
D1841	0360103204	Zener BZX79C5V1
E1800	0640705117	Eyelet 2,5-3
E1801	0640705117	Eyelet 2,5-3
E1802	0640705117	Eyelet 2,5-3
E1803	0640705117	Eyelet 2,5-3
E1804	0640705117	Eyelet 2,5-3
E1805	0640705117	Eyelet 2,5-3
E1806	0640705117	Eyelet 2,5-3
E1807	0640705117	Eyelet 2,5-3
E1808	0640705117	Eyelet 2,5-3
E1809	0640705117	Eyelet 2,5-3
FAF	0330271305	2P. Socket W/ CLIP
FCF	0330270307	2P. Socket
FEF	0330271305	2P. Socket W/ CLIP
F1800	 0330110503	Fuse T 2 A./250V. TIME-LAG

Ref. No.	Part No.	Description
KVAF	0330191701	2P. Socket
<b>COILS</b>		
L1800	*△	0090412206 Mains Filter 2X27 MH 250VAC 1A
L1801		0090413808 pFC Coil 65 MH 1,05A 47X44X39
L1830	*	0090319765 Peaking Coil 22 μH. 10% I MAX=130MA
L1831	*	0090319765 Peaking Coil 22 μH. 10% I MAX=130MA
L1840	*	0090315029 Peaking Coil 10 μH. 10%
L1841	*	0090315029 Peaking Coil 10 μH. 10%
L1842	*	0090315029 Peaking Coil 10 μH. 10%
PCB20	△	0750154015 PWB Front EB5-C
PF1800		0760100701 Fuse Terminal Taped
PL1802		0130209414 Push Switch L-3,85MM
PL1803		0130209414 Push Switch L-3,85MM
PL1804		0130209414 Push Switch L-3,85MM
PL1805		0130209414 Push Switch L-3,85MM
PT1801	△	0810101907 P.T.C. 18 Ω
RE1800		0090117003 Degaussing RELE 250V/5A 5V/100_Ω
RI1800		0600123509 Infrared Receiver SPS-443-1-E

**RESISTORS**

R1800	△	0790180111 Carbon 2,2 MΩ 5% 1/2W.
R1801	△	0790184113 Carbon 4,7 MΩ 5% 1/2W.
R1802		0790135206 Carbon 470 Ω 5% 1/4W.
R1812		0790357024 Metal Film 7,50 KΩ 1% 0,4W.
R1813		0790360705 Metal Film 12,0 KΩ 1% 0,4W.
R1814		0790581201 Thin Film Res. 33,2 KΩ 1% 0,6W
R1815		0790583306 Metal Film 51,1 KΩ 1% 0,4W.
R1840		0790036305 Carbon 2,2 KΩ 5% 1/4W.
R1841		0790036305 Carbon 2,2 KΩ 5% 1/4W.
R1842		0790125702 Carbon 75 Ω 5% 1/4W.
SW1800	△	0140204306 Main AC Switch WITHOUT WIPER
S1800		0330729807 Phone Jack Stereo W/Disconnection
S1801		0330159708 3 RCA'S Assembly

**ELECTRICAL ASSY**

AM1		0010203909 Insulating Ring HV Cable
BRDEFL		0010203503 Wire Band 98/2.5 Natural
BRDGA		0010204105 DC Holder-S4LF-C
BRDGB		0010204105 DC Holder-S4LF-C
BRDGC		0010204105 DC Holder-S4LF-C
BRDGI		0010203313 Holder DC GBR-HBZ
BRDGS		0010203313 Holder DC GBR-HBZ
BRDG1		0010204006 Wire Band 370/3,6 Natural
BRDG2		0010203503 Wire Band 98/2.5 Natural
BRFH		0200099406 Wire HOLDING HOOK G
BRSPK1		0010203503 Wire Band 98/2.5 Natural
BRSPK2		0010203503 Wire Band 98/2.5 Natural
CN_FAF		0330272303 Connector Assy W/LEAD 110+5+5
CN_FB1		0330271701 2P Connector W/LEADS 630+33 MM
CN_FB2		0330270901 2P Connector W/LEADS 770+33 MM
CN_FE	△	0330162918 Power Cord Assy L=2500 MM
CN_FF1		0330272402 Connector Assy W/LEAD 500mm.
CN_FF2		0330272501 Connector Assy W/LEAD 500mm.
CN_FT1		0160202404 Wire Red + BLACK 210/4/33
CN_FT2		0160202503 Wire Yellow + BLACK 210/4/33
CSPK3		0250248317 Electrolytic N.P. 2,2μF 50V
CSPK4		0250248317 Electrolytic N.P. 2,2μF 50V
LDG	△	0090257908 Degaussing Coil 28"
L1250		0090259003 Cancellor Coil 192 MM Diameter

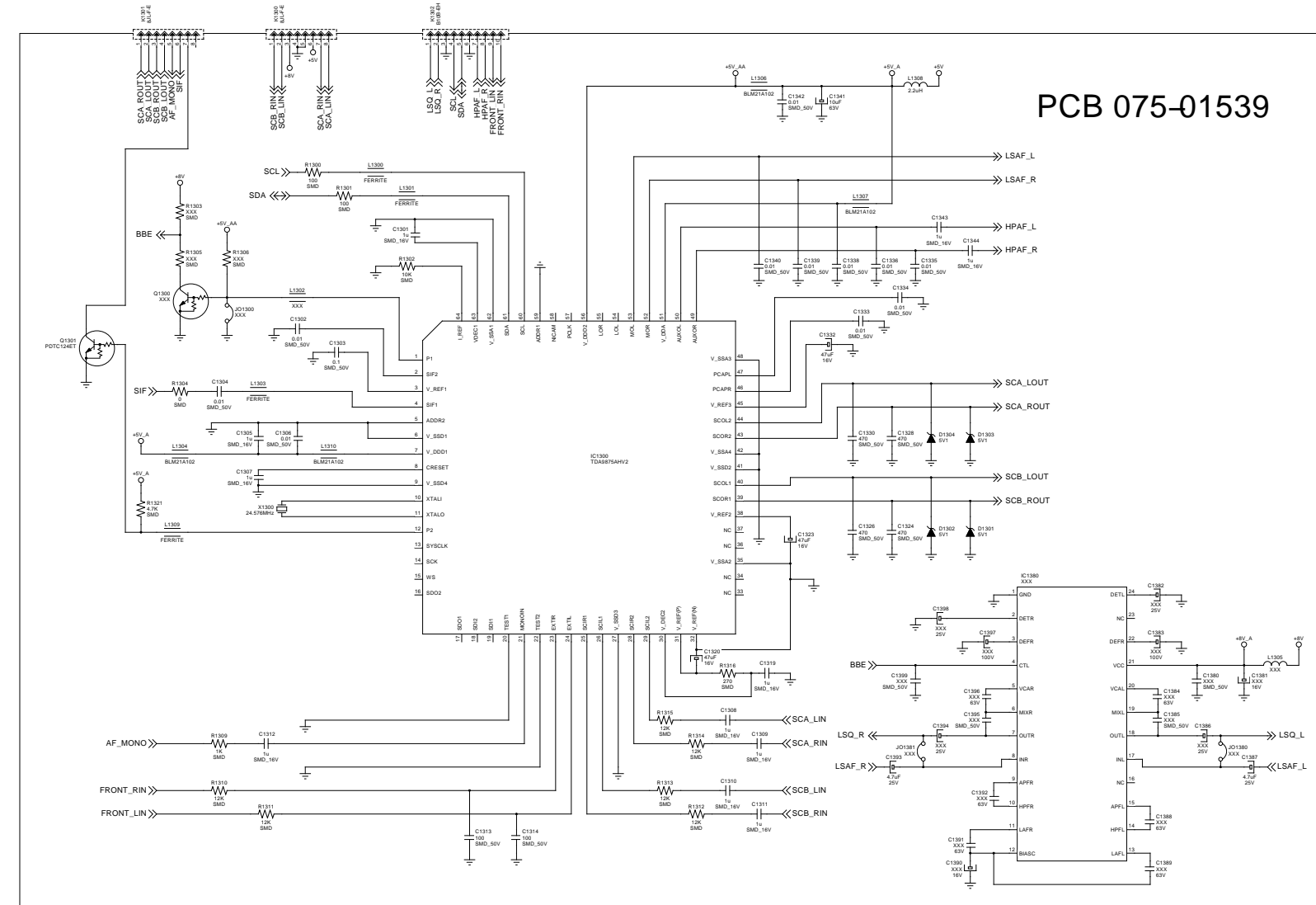
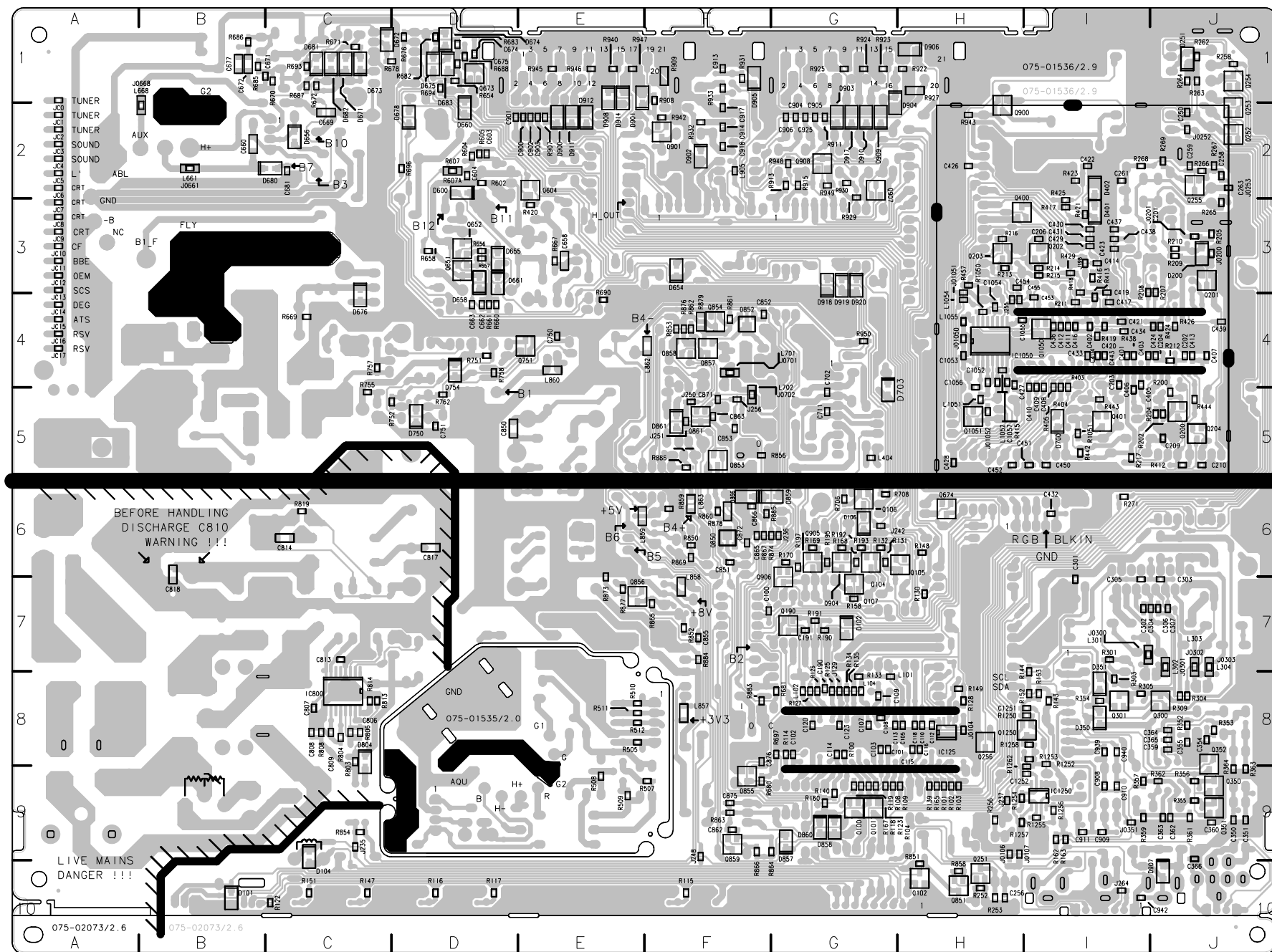
Ref. No.	Part No.	Description
PMAT	0970806907	Silicon Grease KS-650N
SC001	0170200406	Shield Mesh 2 mm.
SC1001	0010110708	Grounding Spring
SPK1	0030118418	Speaker 8 Ω 12W. 120X60
SPK2	0030118418	Speaker 8 Ω 12W. 120X60
SPK3	0030118608	Speaker Dome Tweeter 8 Ω 10W
SPK4	0030118608	Speaker Dome Tweeter 8 Ω 10W
TRC	△	1000109700 C.R.T. 29" A68ERF001X013 PHILIPS

**PACKING**

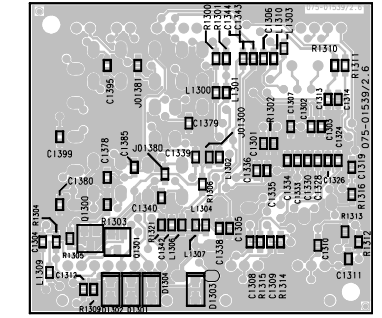
BAT	0660100611	2 Dry Battery PACK 1,5V. SUM-3F/2S
EM 1	0190206409	Packing Cartoon 29" FLAT
EM 2	0190162008	Upper Cushion Assy 29" FLAT
EM 3	0190162107	Bottom Cushion Assy 29" FLAT
EM 7	△	0420246118 Instruction Manual 21"/29" FLAT (GB, F, D)
EM 7-1	△	0420246316 Instruction Manual 21" FLAT (GR, HL, I)
EM 7-2	△	0420246415 Instruction Manual 21"/29" FLAT (SF, S, DK)
EM 8		0010101905 Staple 7/8 21 mm.
EM10		0600123707 Remote Control EC7-B EB5-C-B
EM11		0010716116 Holder RC GBR-BLFAF

**Note:** All the information of this manual is correct in the beginning of the series; SANYO España, S.A. reserves the right to modify components and procedures to maintain its policy of continuous improvement.

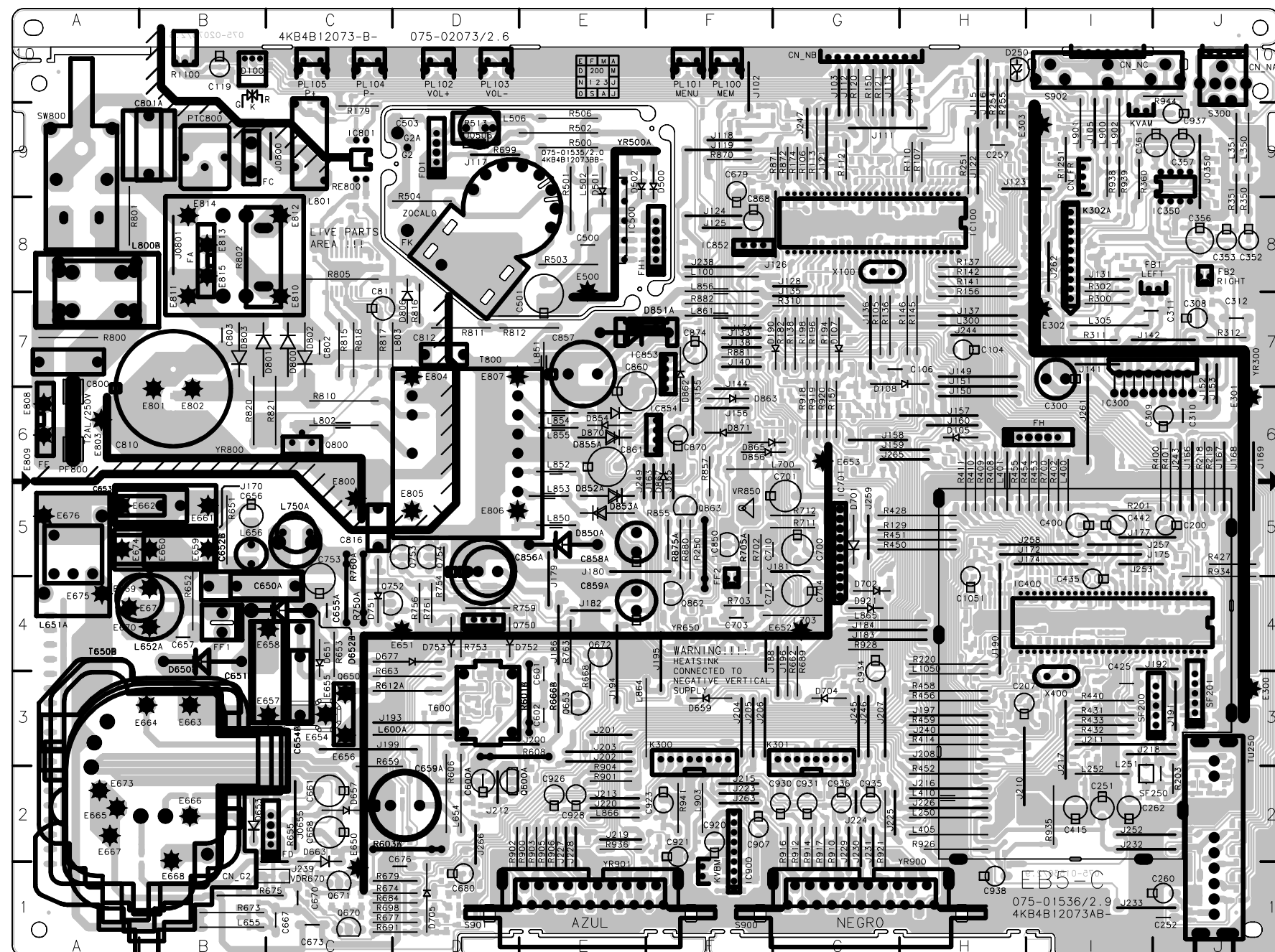
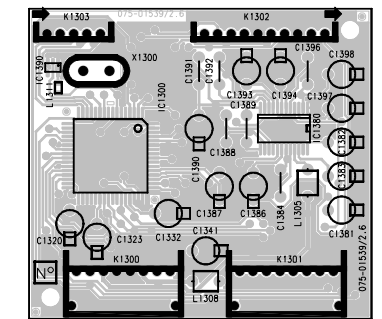
**SANYO**



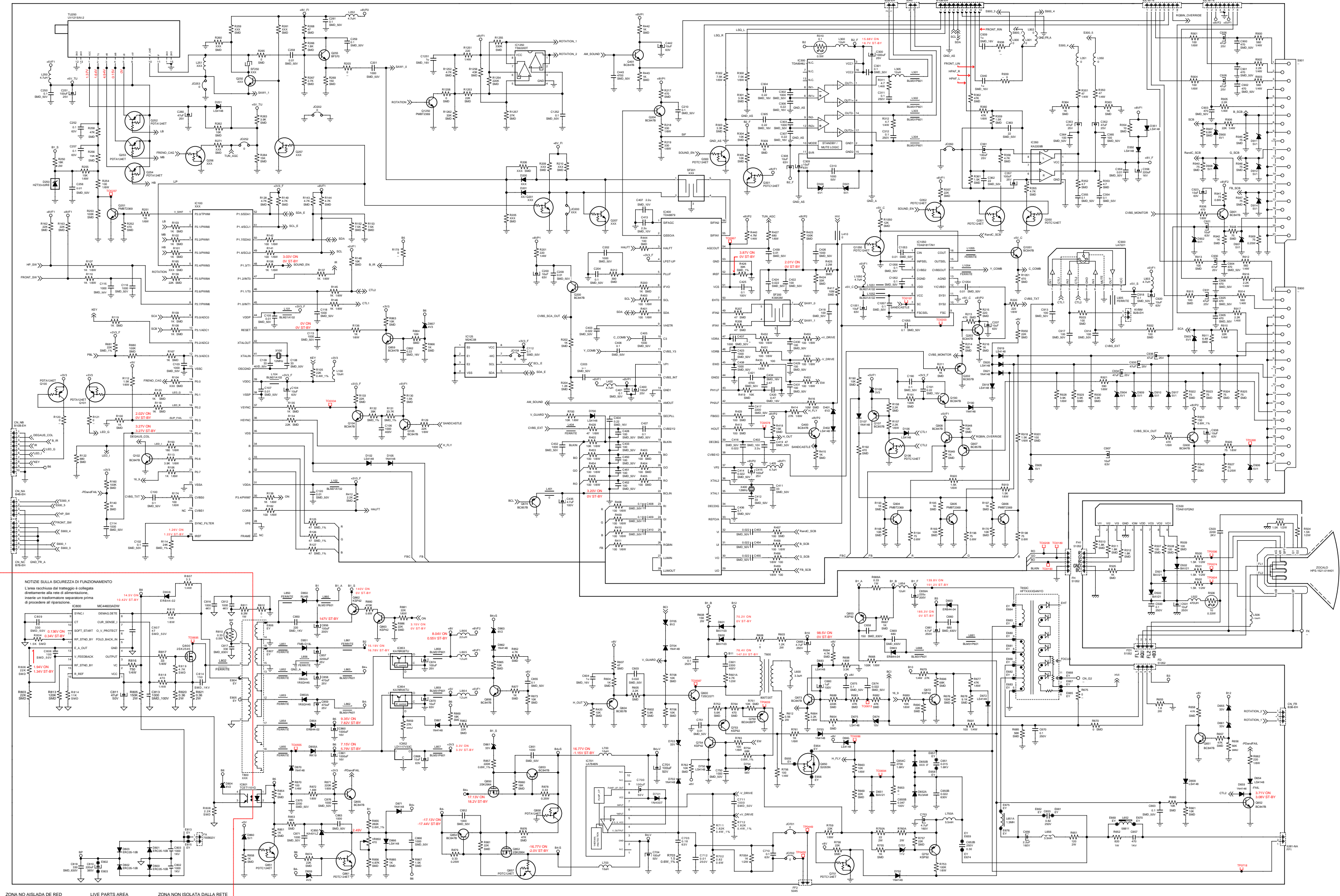
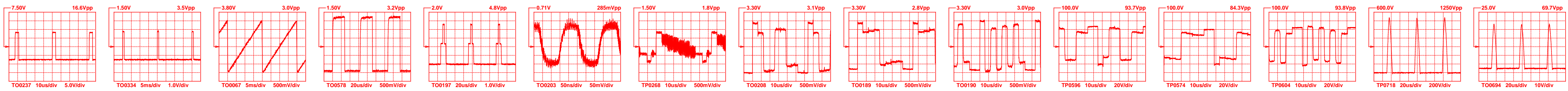
P.C.B CIRCUITO AUDIO CARA SOLDADOURAS  
AUDIO P.C.B. SOLDER SIDE  
P.C.B PANNELLO AUDIO LATO SOLDATURE



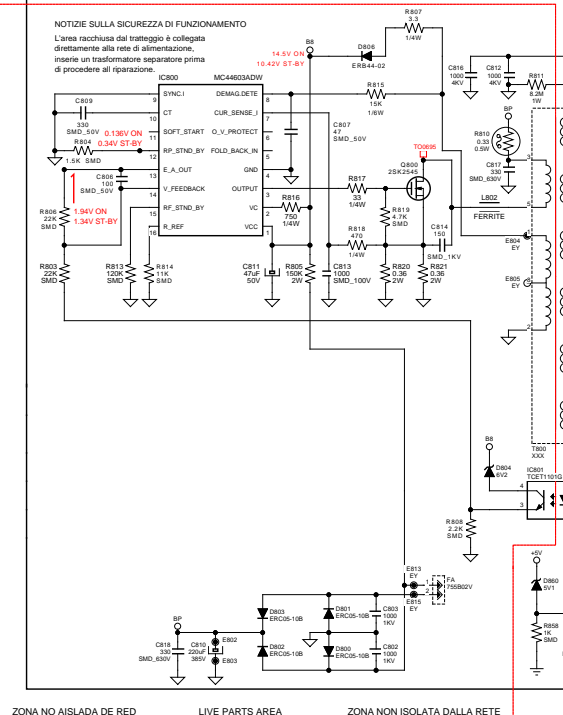
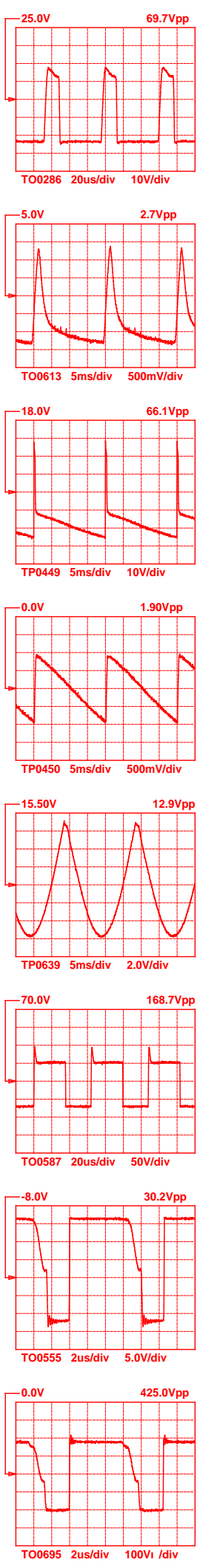
P.C.B CIRCUITO AUDIO CARA COMPONENTES  
AUDIO P.C.B. COMPONENTS SIDE  
P.C.B PANNELLO AUDIO LATO COMPONENTI







POSICION	00-03846/0 CE29FFV1 TRC PHILIPS - A6BERF001X013	00-03857/0 CE29FFV1-F TRC PHILIPS - A6BERF001X013
D200	0	LS4148
D201	0	LS4148
IC100	SAA5563	SAA5564
JO200	0	
JO201	0	
L251	1uH	0.39uH
Q201		PDTC124ET
Q207		PDTC124ET
Q250		BC847B
Q256	PDTC124ET	PDTC124ET
R104	1K	
R165		1K
R205		1K
R206	0	
R209		1K
R210		1K
R259		2.7K
R260		1K
R261		10K
R271	3.3K	
SF201	K9356M	K9456M
SF250		MKT40.4MA110P
B1	140.0V	140.0V



**SANYO**

COLOUR TELEVISION 29" TXT

Models: **CE29FFV1**  
**CE29FFV1-F**

Chassis: 2114 (Series EB5-C)

**NOTA DE CUMPLIMIENTO DE NORMAS**

Quando se sustituye cualquier componente del receptor TV hay que consultar la lista de componentes del Manual de Servicio, y todos los componentes que están indicados con \* o ! deben ser sustituidos por recambios originales SANYO.

- ATENCIÓN este televisor contiene elementos especialmente sensibles a la electricidad estática (ESD). Recomendamos que se realice la manipulación de circuitos integrados y semiconductores con las debidas precauciones.
- NOTAS:
- Los valores de las resistencias están expresados en ohms K=1.000, M=1.000.000.
  - Los valores de los condensadores menores de 1 están expresados en uF, los valores mayores de 1 están expresados en pF.
  - Toda la información de este esquema es correcta en el inicio de la serie: SANYO se reserva el derecho de modificarlo para mantener su política de mejora continua.
  - Las medidas de tensiones y oscilogramas se han efectuado con el TV sintonizado en el canal-21, ajustes normalizados e imagen con carta de barras de color.

**COMPLIANCE TO STANDARDS**

When any TV receptor component is substituted, it is necessary to check the list of components in the Service Manual and all of those marked with \* or ! must be replaced with original spare SANYO parts.

- WARNING! This TV set contains components that are particularly sensitive to static electricity (ESD). It is recommended that all due precaution be taken particularly sensitive handling integrated circuits and semiconductors.
- NOTES:
- All resistor values are expressed in Ohm K=1000, M=1000000.
  - Capacitor values lower than 1 are expressed in uF and values higher than 1 are expressed in pF.
  - The information in this scheme is correct at the beginning of the series; SANYO reserves the right to modify this in accordance with on-going product improvement policy.
  - The measurements of voltages and oscillograms were carried out with a TV set tuned to channel-21, normal adjustments and colour bar pattern.

**NOTA SUL RISPETTO DELLE NORME**

Quando si sostituisce qualsiasi componente del ricevitore TV si deve consultare l'elenco dei componenti nel Manuale per la Manutenzione. Tutti i componenti contrassegnati con \* o ! devono essere sostituiti con ricambi originali SANYO.

- ATTENZIONE! Questo televisore contiene elementi specialmente sensibili all'elettricità statica (ESD). Consigliamo di realizzare gli interventi sui circuiti integrati e sui semiconduttori con le dovute precauzioni.
- NOTE:
- Tutti i valori delle resistenze sono in OHM, K=1.000, M=1.000.000.
  - I valori di capacità indicati con un numero minori di 1 sono in uF maggiori di 1 sono in pF.
  - Tutte le informazioni di questo schema sono corrette all'inizio della serie. Seguendo la propria politica di continuo miglioramento dei propri prodotti, la SANYO si riserva il diritto di apportare modifiche senza preavviso.
  - Le misure di tensione e gli oscillogrammi sono stati effettuati con la TV sintonizzata sul canale 21, regolazioni normalizzate e immagine del monoscopio.

