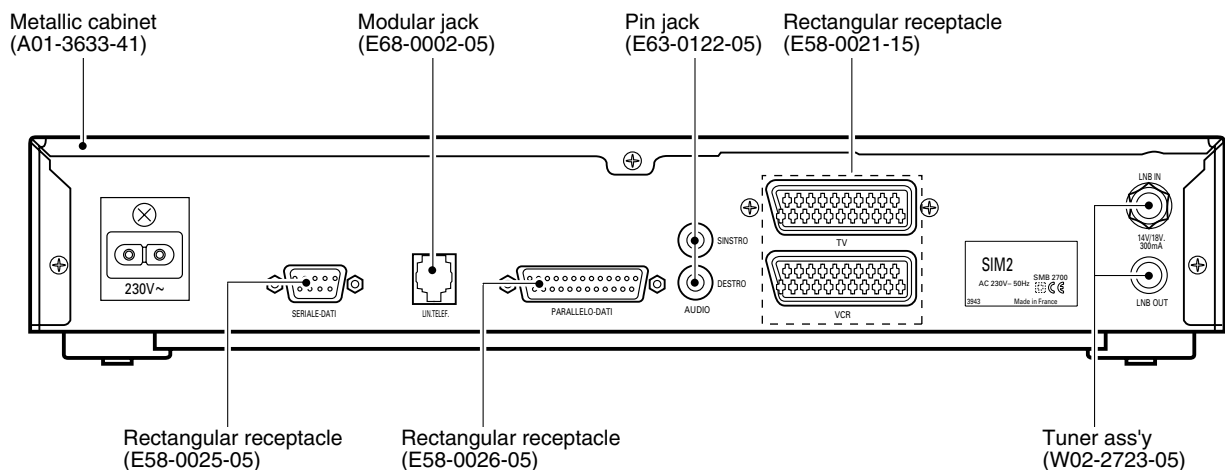
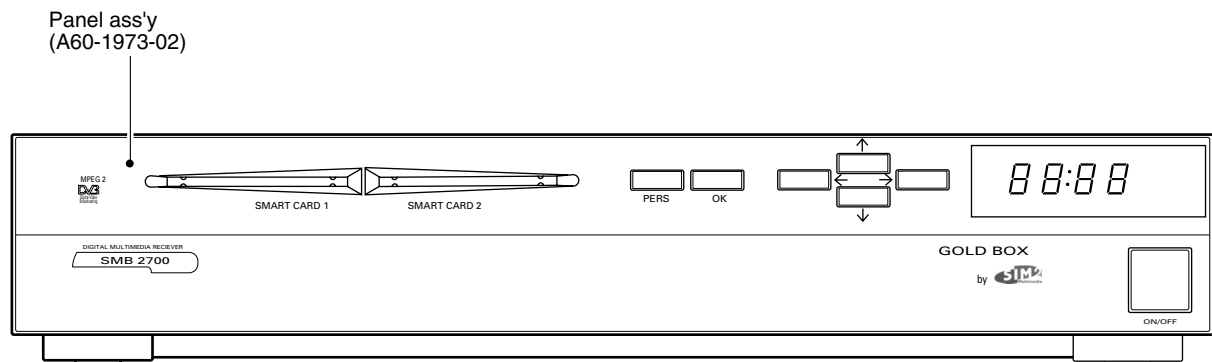


SMB 2700

SERVICE MANUAL



Please contact with KENWOOD ELECTRONICS BRETAGNE S.A. if you want to get a repair parts.

⚠ Caution : Replace with new PCB ass'y if switching power supply(W02-2725-05) is defective.



SMB 2700

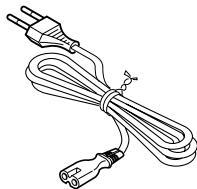
CONTENTS / ACCESSORIES

Contents

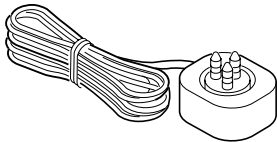
CONTENTS / ACCESSORIES	2	SCHEMATIC DIAGRAM	9
CONTROLS	3	EXPLODED VIEW	19
PC BOARD	6	PARTS LIST	Back cover

Accessories

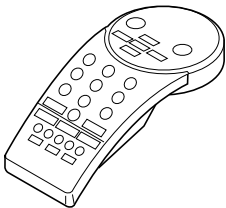
AC power cord(INLET)
(E30-2948-05)



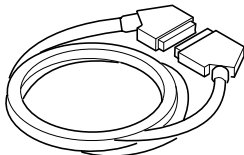
Cord with connector(MODEM)
(E30-2933-05)



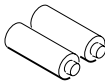
Remote controller ass'y
(A70-1323-05)



Cord with connector(SCART)
(E30-2916-05)

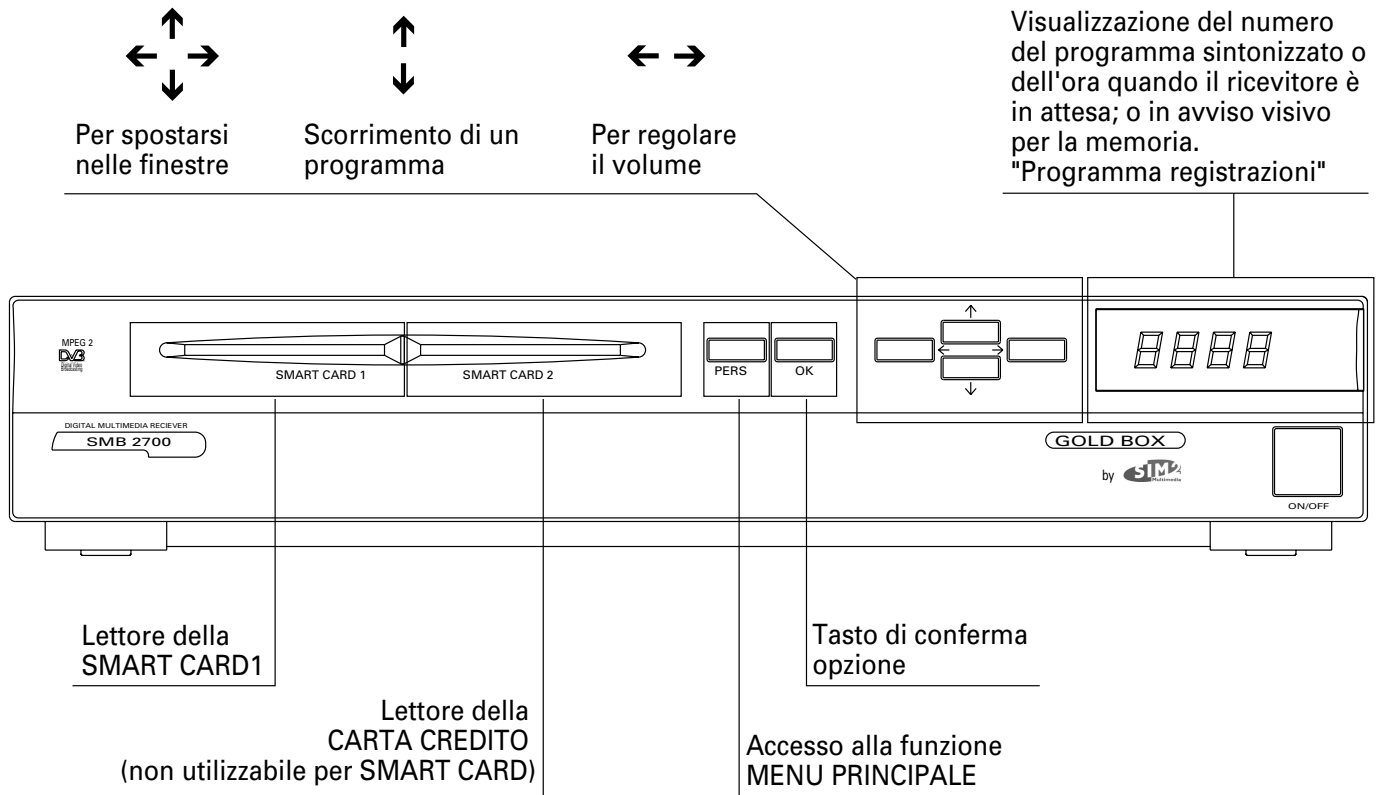


Batteries

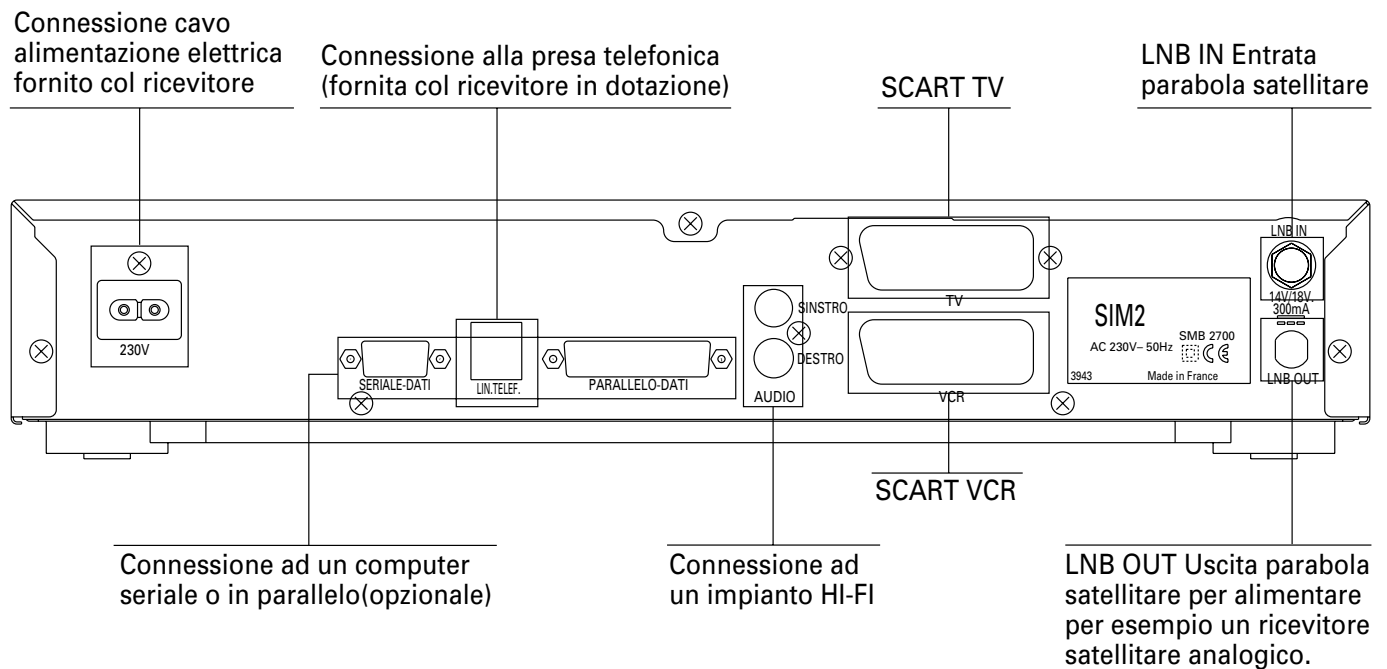


CONTROLS

PANNELLO FRONTALE DEL RICEVITORE



PANNELLO POSTERIORE DEL TERMINALE



SCHEDA TECNICA

1. Presa d'ingresso da rete 220V.

Contatto di sovratensione secondo la normal EN4 1003.

2. Lined Telefonica.

Contatto di tensione di rete di telecomunicazione.

3. Presa SCART TV (verso il televisore).

Contatto di bassa tensione di sicurezza.

4. Presa SCART VCR (verso il video registratore).

Contatto di bassa tensione di sicurezza.

5. Presa PIN RCA

(per esempio,collegamento ad un amplificatore audio).

Contatto di bassa tensione di sicurezza.

6. Entrata satellite LNB-IN.

Contatto di bassa tensione di sicurezza.

7. Uscita per Satellite LNB-OUT.

Contatto di bassa tansione di sicurezza.

**8. Connessione per collegamento in parallelo
con un computer.**

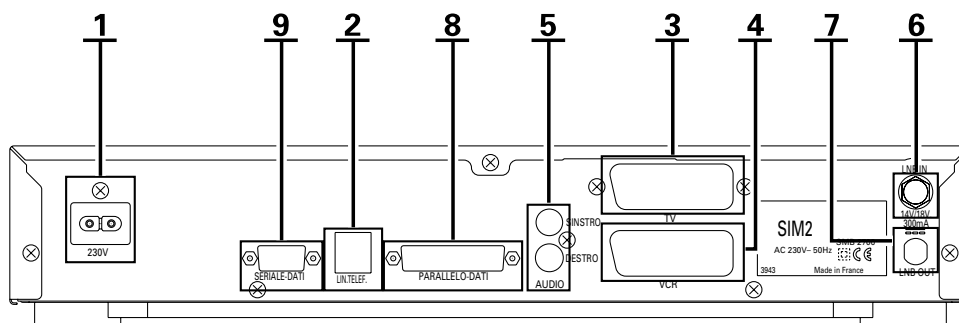
Disponibile in futuro

Contatto di bassa tensione di sicurezza.

**9. Connessione per collegamento in serie RS-232C
con un computer.**

Disponibile in futuro

Contatto di bassa tensione di sicurezza



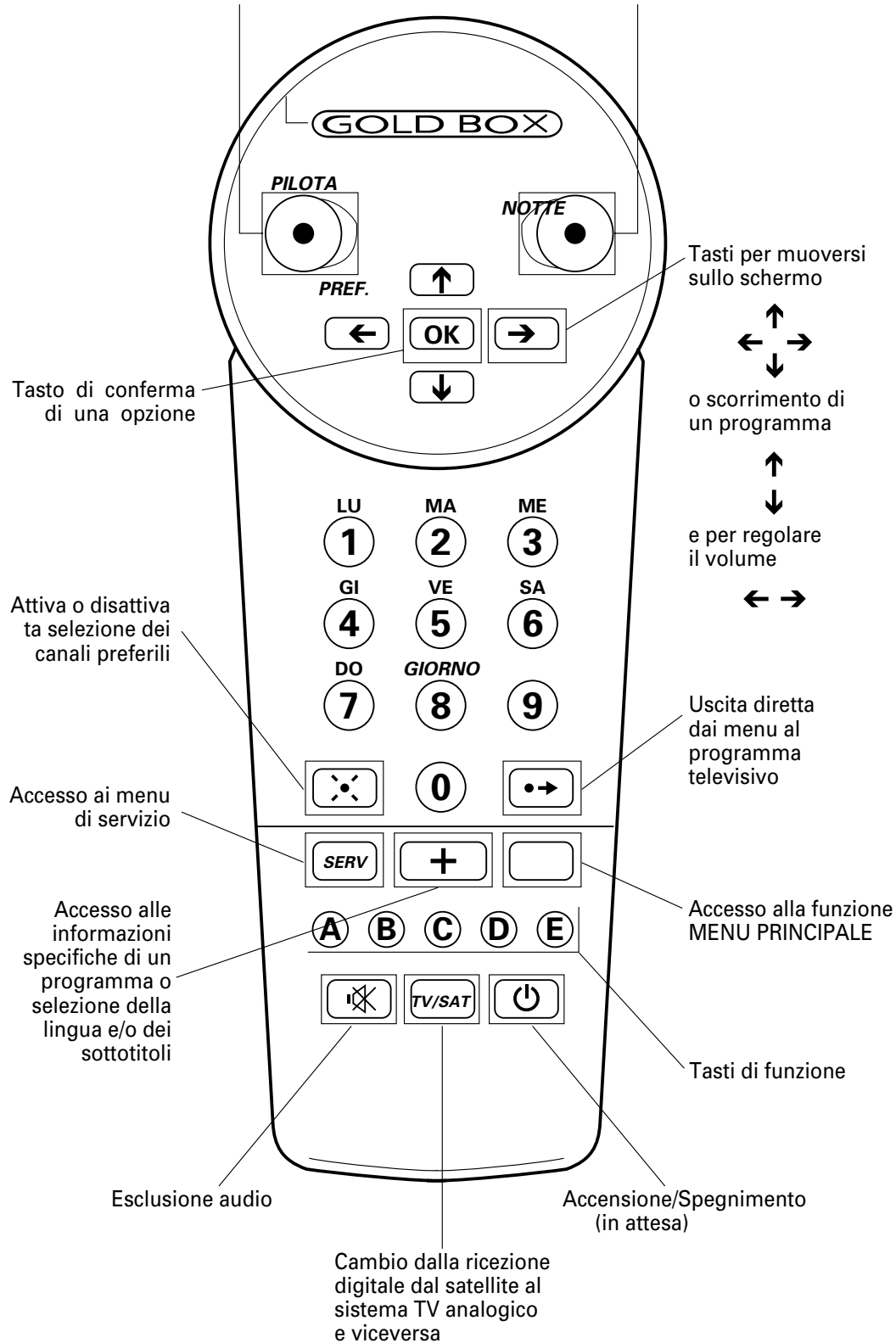
CONTROLS TELECOMANDO

SERA

Visualizza le informazioni di base del programma in visione nel canale sintonizzato, del programma successivo che si trasmetterà sullo stesso canale e dei restanti canali.

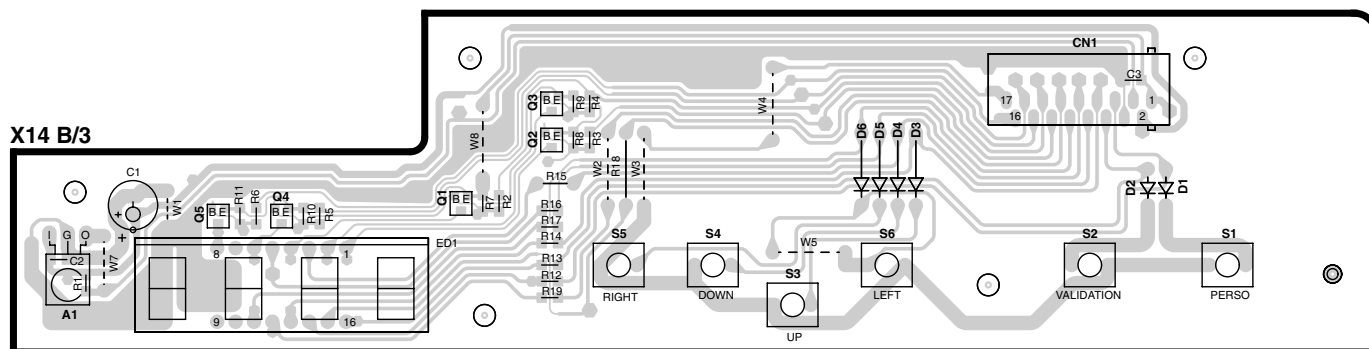
PERS

Visualizza la GUIDA PROGRAMMI

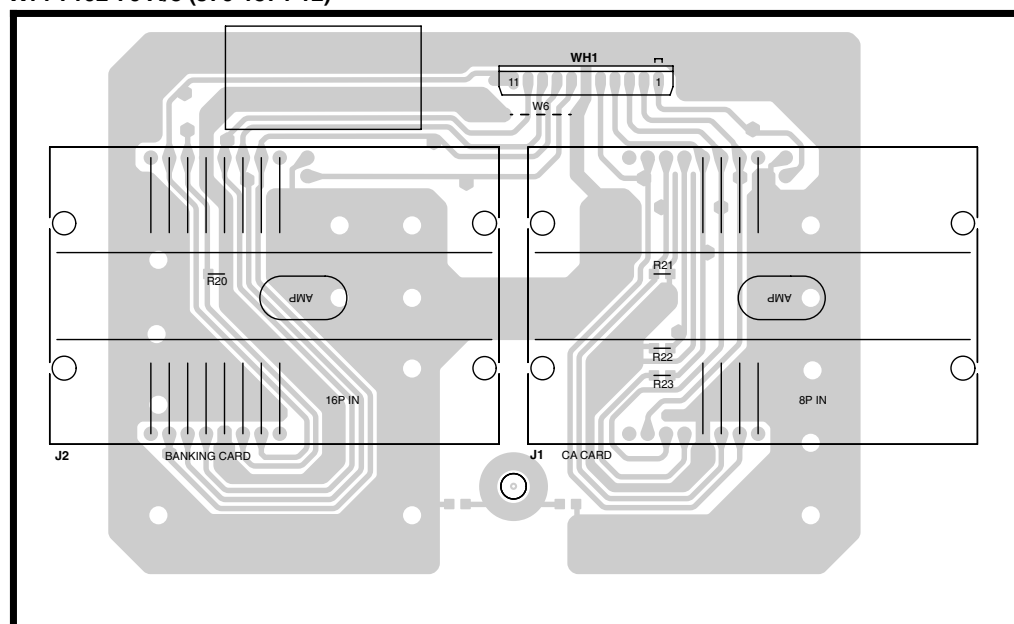


PC BOARD (Component side view)

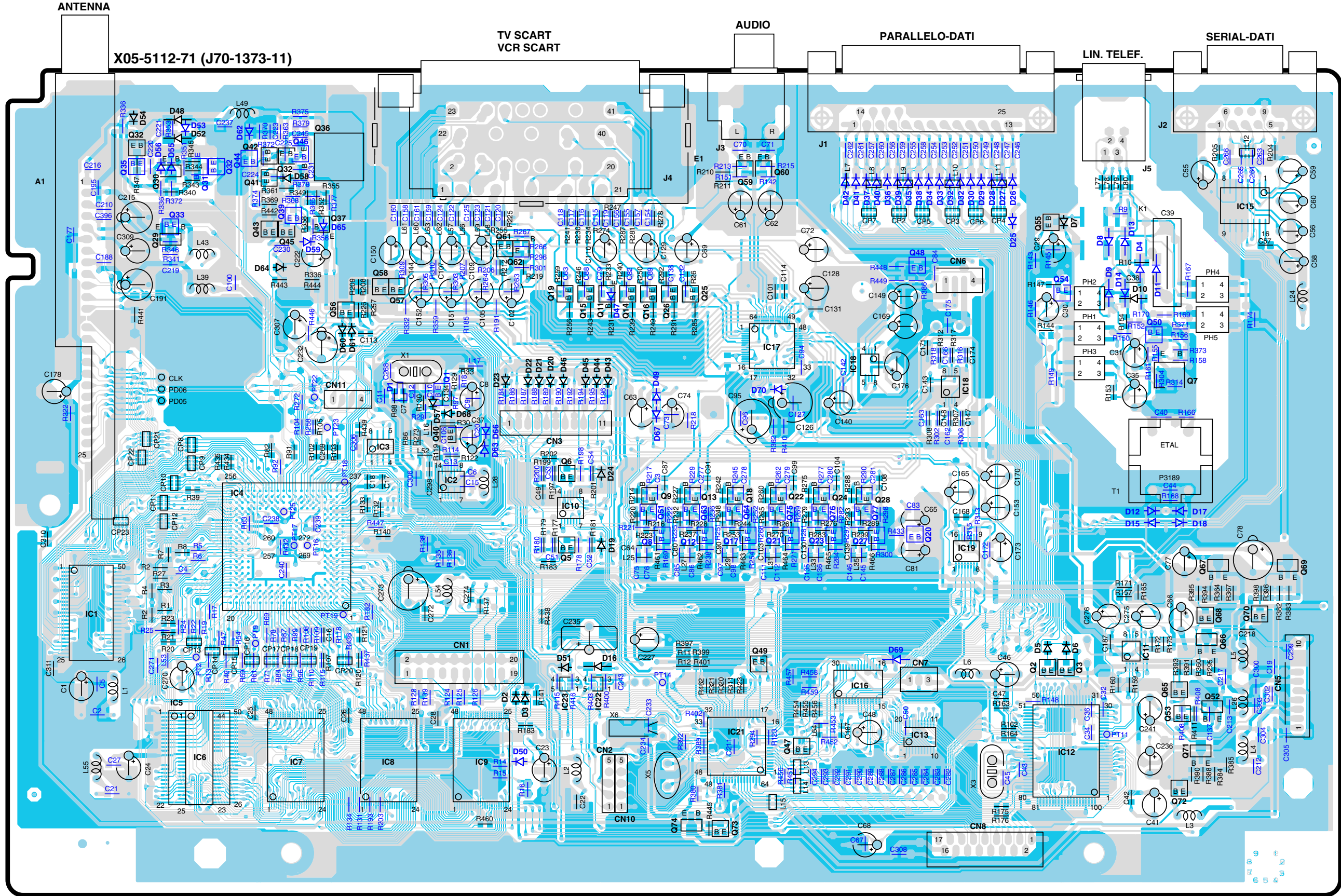
X14 B/3

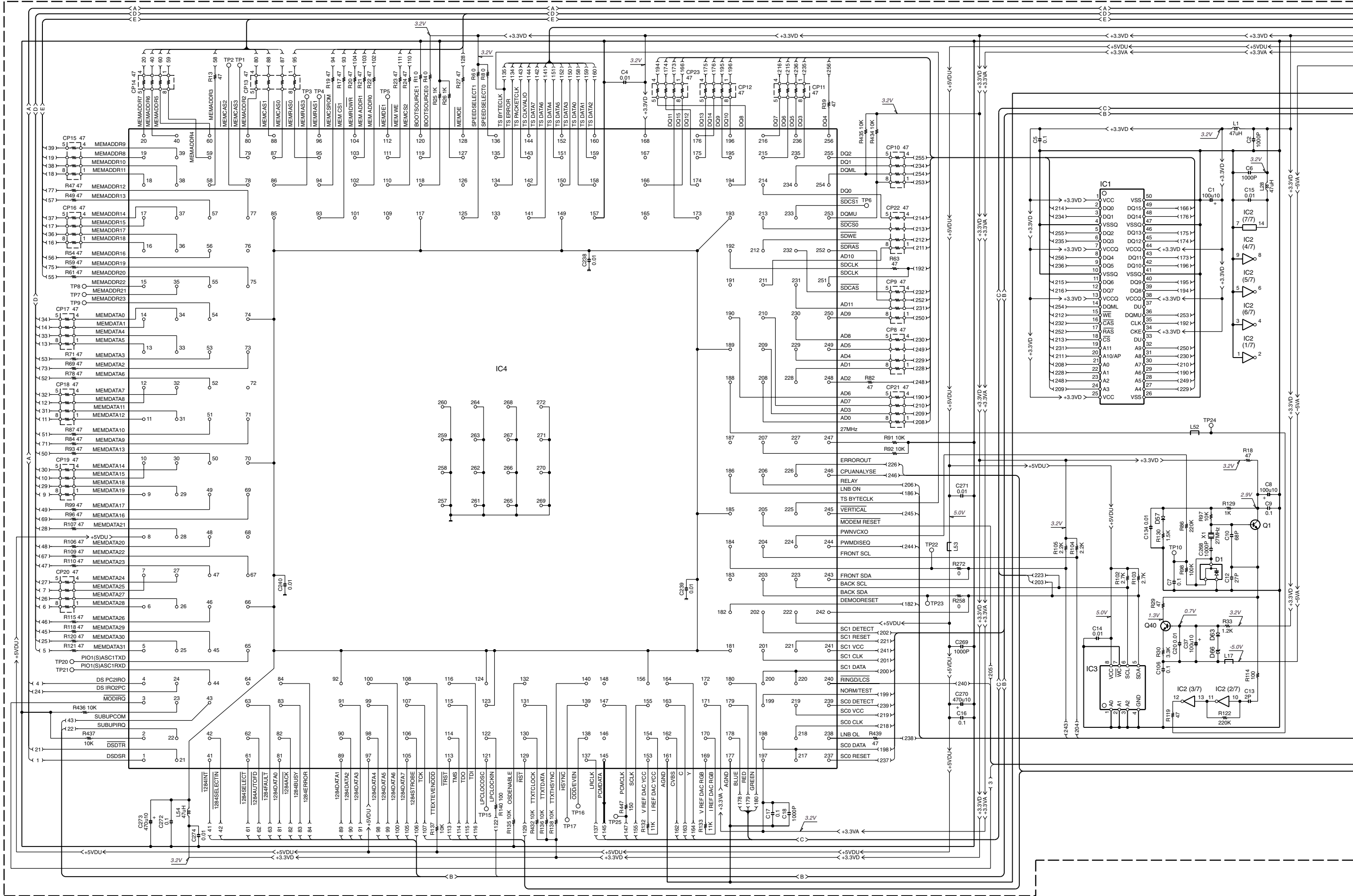


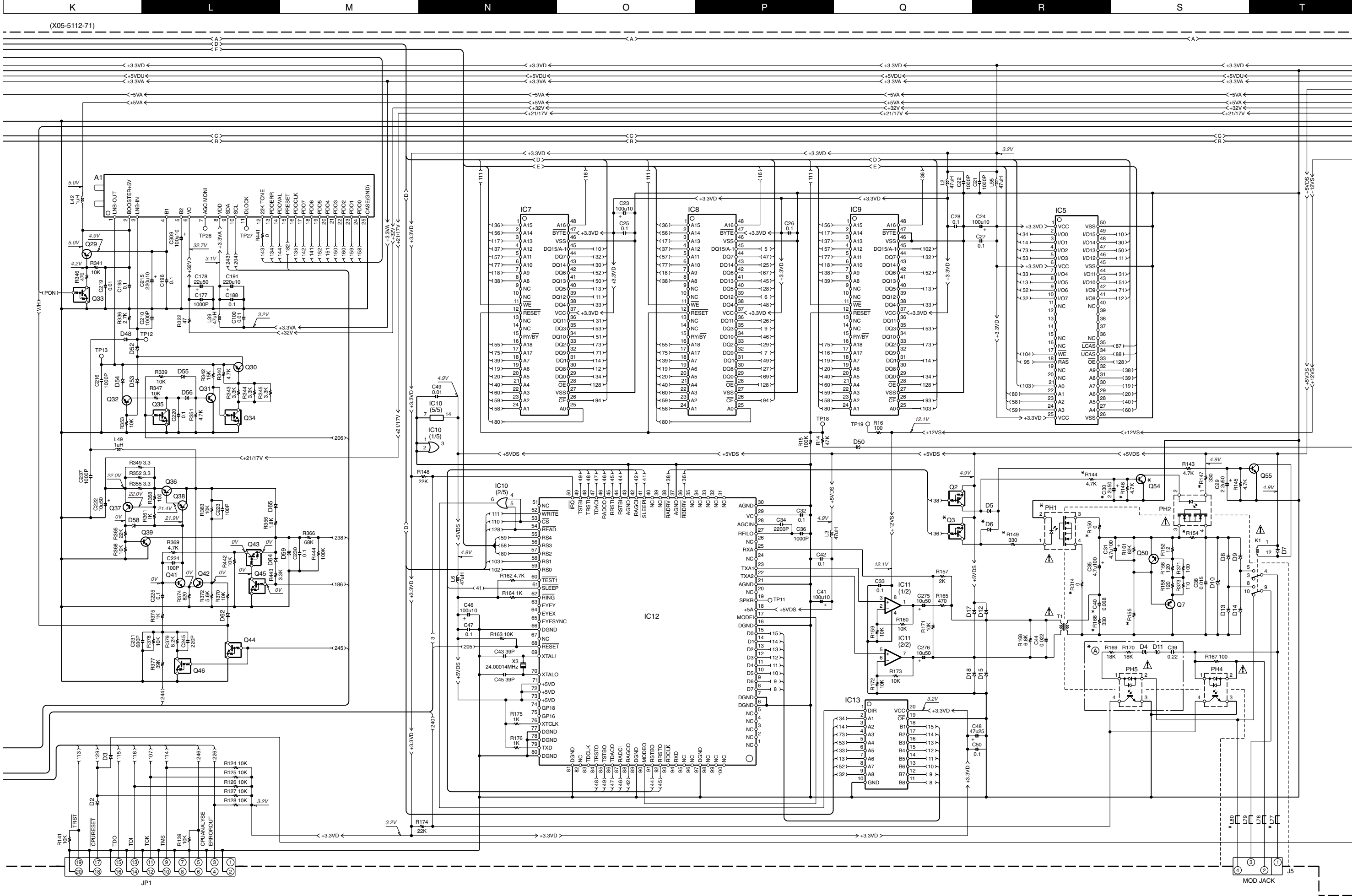
X14-7102-70 A/3 (J70-1374-12)

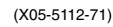


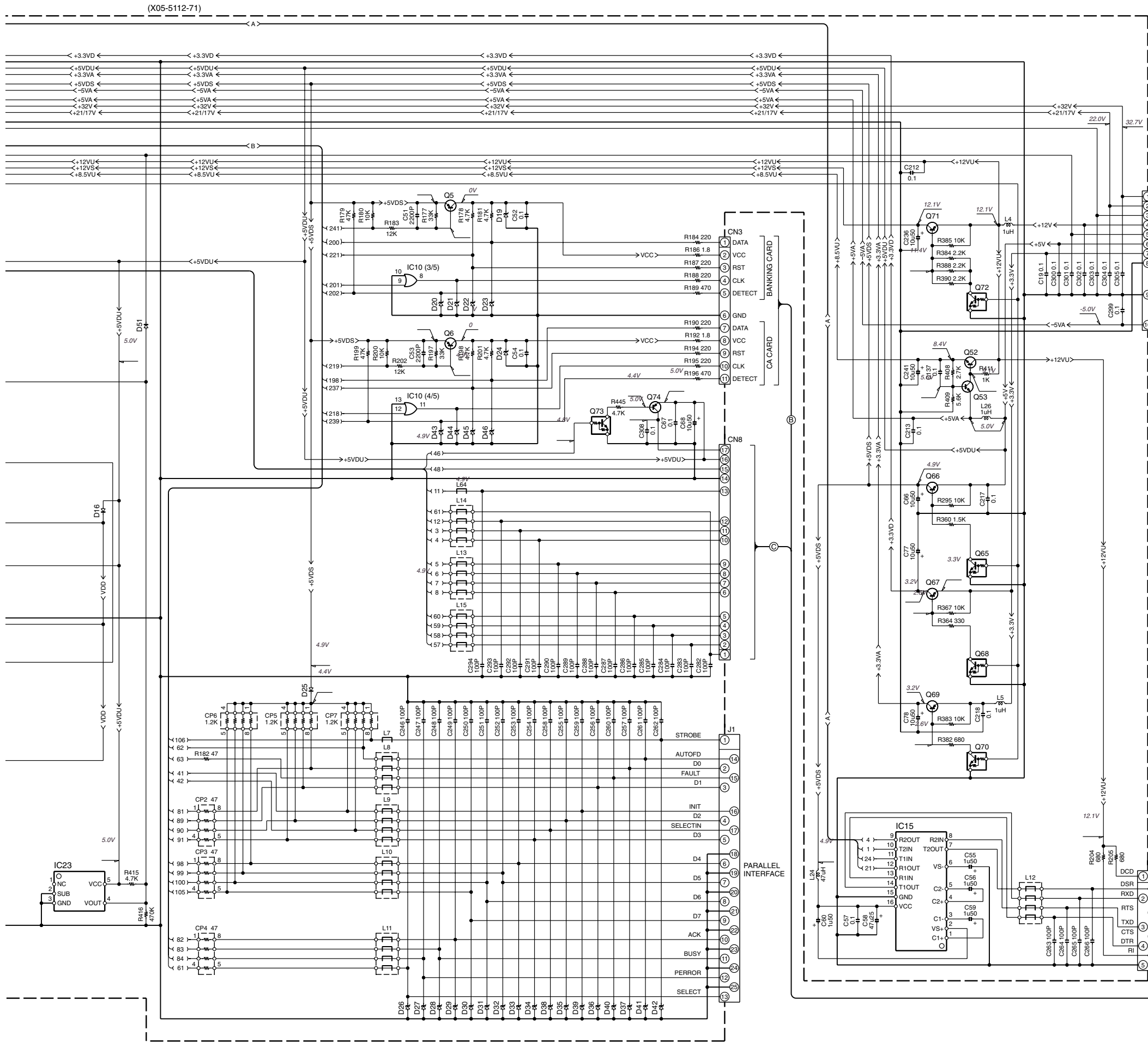
PC BOARD(Component side view)











DTF-2 (X05-511X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	Ⓐ	Ⓑ	Ⓒ	C30	C40	D6	L77, 80	PH1,2	Q3, 54	R11, 12	R144, 146, 147, 149, 150, 314	R154	R155	R166	R399, 401
FRANCE	F		X05-5112-70	YES			NO	YES	NO	NO	NO	NO	NO	NO	0	4.7K	YES	
ITALY	I		X05-5112-71	YES			YES	YES	YES	YES	YES	NO	NO	YES	220K	8.2K	NO	YES
POLAND	P		X05-5112-72	NO	NO		NO	YES	NO	YES	NO	NO	NO	NO	0	4.7K	YES	YES
SPAIN	S		X05-5112-73	YES			NO	YES	NO	YES	NO	NO	NO	NO	0	4.7K	YES	

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Ⓐ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

- IC1
- IC2
- IC3
- IC4
- IC5
- IC7,8
- IC9
- IC10
- IC11,18
- IC12
- IC13
- IC15
- IC16
- IC17
- IC19
- IC21
- IC22
- IC23
- Q1,11,14-16,19,25,26, 31,39-42,48,51,53-55, 57-64,75-77
- Q2,3,43,56
- Q5,6,8,9,12,13,17,18,20-24, 27,28,32,37,38,50
- Q7
- Q29,30,66,67,69,71,74
- Q33-35,44-47,49,65,68, 70,72,73
- Q36
- Q52
- D1
- D2,3,5-7,12,15,17,18, 25,47,50,51,53-58, 60-65,67,70
- D4,11
- D8,9,13,14,48
- D10
- D16,52,69
- D19-24,26-46,49,59,66
- PH1,2
- PH4,5
- A1
- : KM416S1120DTG8 or MB81F161622B
- : SN74LVU04APW
- : 24LC32AT/SN or AT24C32N10SC25 or M24C32-WMN1T
- : ST15510A
- : AS4LC1M16E5-60
- : AT49LV819290TC or M29W800AB90N1 or AM29LV800BB90E
- : M29W400BB90N1 or 29LV400B90PFTN
- : SN74LVC32APW
- : NJM45580V
- : PC2324DPL
- : SN74LV245APW
- : HIN232CB-T or MAX232DW
- : TC9271FS
- : STV6411AD
- : AK4351
- : D780021AYGKN05
- : PST9130NR
- : PST9142NR
- : 2SC4081(R,S)
- : DTA124EUA
- : 2SA1576A(R,S)
- : 2SA1862
- : 2SB1561
- : DTC123EUA
- : 2SA1906(E,F)
- : 2SD2391
- : KV1471
- : 1SS355
- : PTZ215A
- : 1SR154-400
- : SM6T150A
- : RB161L-40
- : UD25.1B
- : AQY210EHX
- : LTV-814S
- : W02-2723-05

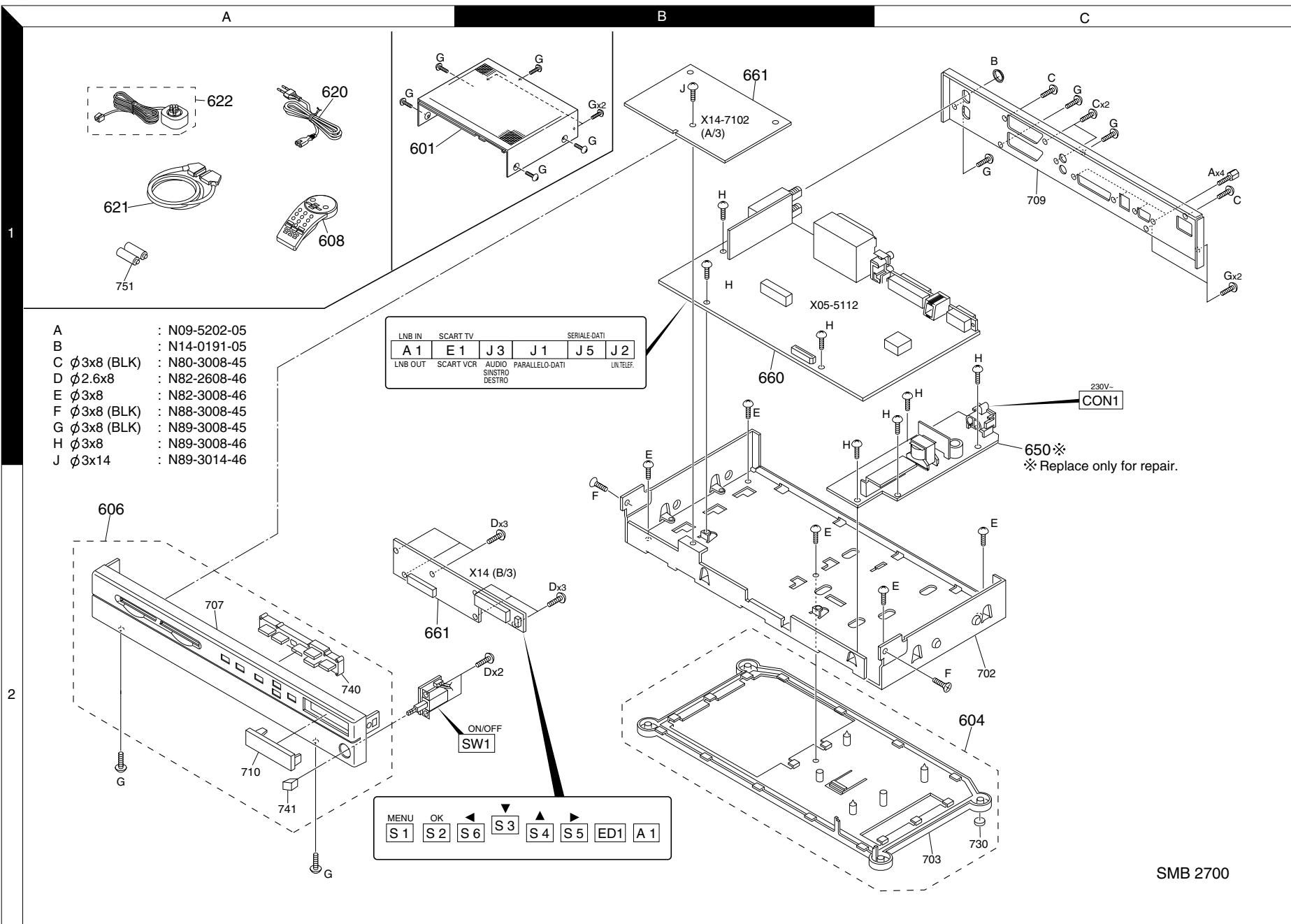
- SIGNAL LINE
- GND LINE
- +B LINE
- B LINE
- X14-A/3
- WH1

- X14-B/3
- CN1

EXPLODED VIEW (UNIT)

SMB 2700

SMB 2700



SMB 2700

PARTS LIST

①

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
SMB 2700						
601 604 606 608 - -	1A 2C 2A 1A		A01-3633-41 A11-1183-02 A60-1973-02 A70-1323-05 B60-4923-00 B60-4924-00	METALLIC CABINET SUB CHASSIS ASSY PANEL ASSY REMOTE CONTROLLER ASSY INSTRUCTION MANUAL INSTRUCTION MANUAL		
△ 620 621 622 - - - -	1A 1A 1A		E30-2948-05 E30-2916-05 E30-2933-05 H12-3475-02 H25-0232-04 H25-1686-04 H50-3978-031	AC POWER CORD (INLET) CORD WITH CONNECTOR(SCART) CORD WITH CONNECTOR(MODEM) PACKING FIXTURE PROTECTION BAG (235X350X0.03) PROTECTION BAG ITEM CARTON CASE		
△ 650	1C		W02-2725-05	ELECTRIC CIRCUIT(POWER SUPPLY)		
660 661	1B 2A,1B		X05-5112-71 X14-7102-70	TUNER UNIT DISPLAY UNIT		
TUNER (X05-5112-71)						
J1 J2 J3 J4 J5 A1			E58-0026-05 E58-0025-05 E63-0122-05 E58-0021-15 E68-0002-05 W02-2723-05	RECTANGULAR RECEPTACLE RECTANGULAR RECEPTACLE PIN JACK RECTANGULAR RECEPTACLE MODULAR JACK TUNER ASSY		
DISPLAY (X14-7102-70)						
A1			W02-2670-05	OPTIC RECEIVING MODULE		

L : Scandinavia

Y : PX(Far East,Hawaii)

Y : AAFES(Europe)

K : USA

T : England

X : Australia

P : Canada

E : Europe

Q : Russia

R : Mexico

G : Germany

H : Korea

C : China

V : China(Shanghai)

M : Other Areas

I : Malaysia

△ indicates safety critical components .

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

14-6,Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150-8501 Japan

KENWOOD SERVICE CORPORATION

P.O BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.

6070 Keele Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O.BOX-55-2791, Piso 6 plaza Chase, Cl. 47 y Aquilino de la Guardia Panama, Republic de Panama

KENWOOD ELECTRONICS BRASIL LTDA.

Av. Moema, 170-17, Andar-Cobertura "B", Ed. Maximum Service Center, 04077-020 Moema, São Paulo-SP-Brasil

KENWOOD ELECTRONICS U.K. LIMITED

KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB, United Kingdom

KENWOOD ELECTRONICS BELGIUM N.V.

Meachelssteenweg 418, B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Renbrücker Str. 15, 63150 Heusenstamm, Germany

KENWOOD ELECTRONICS FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129, Milano, Italy

KENWOOD IBÉRICA S.A.

Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD.

(A.C.N. 001 499 074)

16 Giffnock Avenue, North Ryde, N.S.W. 2113, Australia

KENWOOD ELECTRONICS (HONG KONG) LTD.

Unit 3712-3724, Level 37, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T., Hong Kong

KENWOOD ELECTRONICS GULF FZE

P.O.Box 61318, Jebel Ali, Dubai, U.A.E.

KENWOOD ELECTRONICS SINGAPORE PTE LTD.

No. 1 Genting Lane #02-02, KENWOOD Building, Singapore, 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD.

#4,01 Level 4, Wisma Academy Lot 4A, Jalan 19/1 46300 Petaling Jaya Selangor Darul Ehsan Malaysia

KENWOOD ELECTRONICS (THAILAND) CO., LTD.

2019 New Pechburi Road, Bangkok, Huaykwang, Bangkok, 10320 Thailand