

KV-1882EC

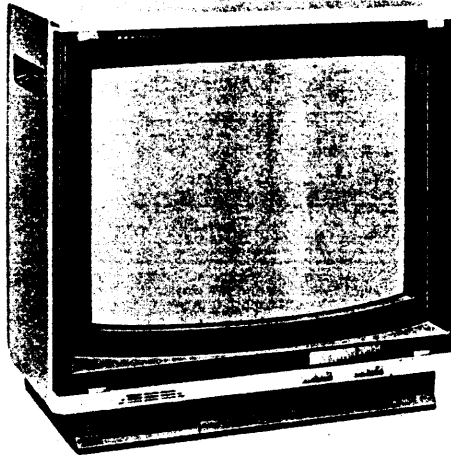
RM-635

SERVICE MANUAL

West Germany Model

Chassis No. SCC-686B-A

2



August, 1985

XE-3 CHASSIS

SPECIFICATIONS

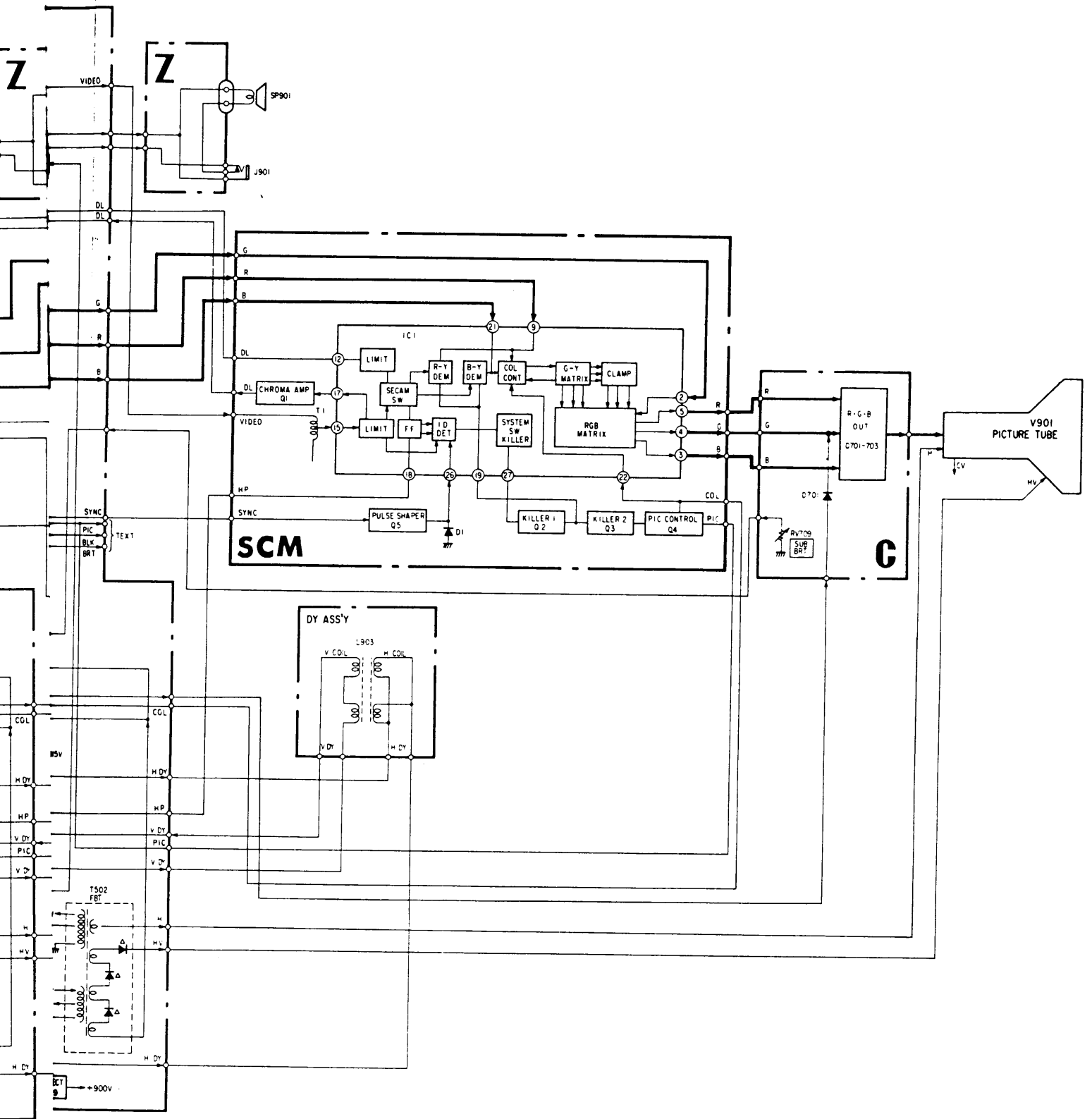
Television system	CCIR TV standards (system B, G and H)
Color system	PAL, SECAM
Channel coverage	VHF channels E2-U20 (45-300 MHz) UHF channels E21-E68 (a total of up to 30 preselected channels)
Picture tube	Trinitron tube Approx. 47.2 cm 90 degree-deflection (Approx. 43.7 cm picture measured diagonally)
Antenna	75-ohm standard coaxial socket for UHF/VHF (DIN 45325/IEC 169-2)
Speaker	5 x 9 cm
Audio output	1.5 W
Power requirements	220-240 V AC, 50 Hz
Power consumption	90 W (IEC) 12.5 W in stand-by condition
Dimensions	Approx. 452 x 440 x 470 mm (w/h/d)
Weight	Approx. 19.4 kg
Accessory supplied	Remote Commander RM-635 (1)
Optional accessories	
Teletext adaptor	OPK-103, OPK-203

Design and specifications are subject to change without notice.



TRINITRON® COLOR TV
SONY®

CTV



KV-1882EC RM-635 KV-1882EC RM-635

4.3. SCHEMATIC DIAGRAM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

A

B

C

D

E

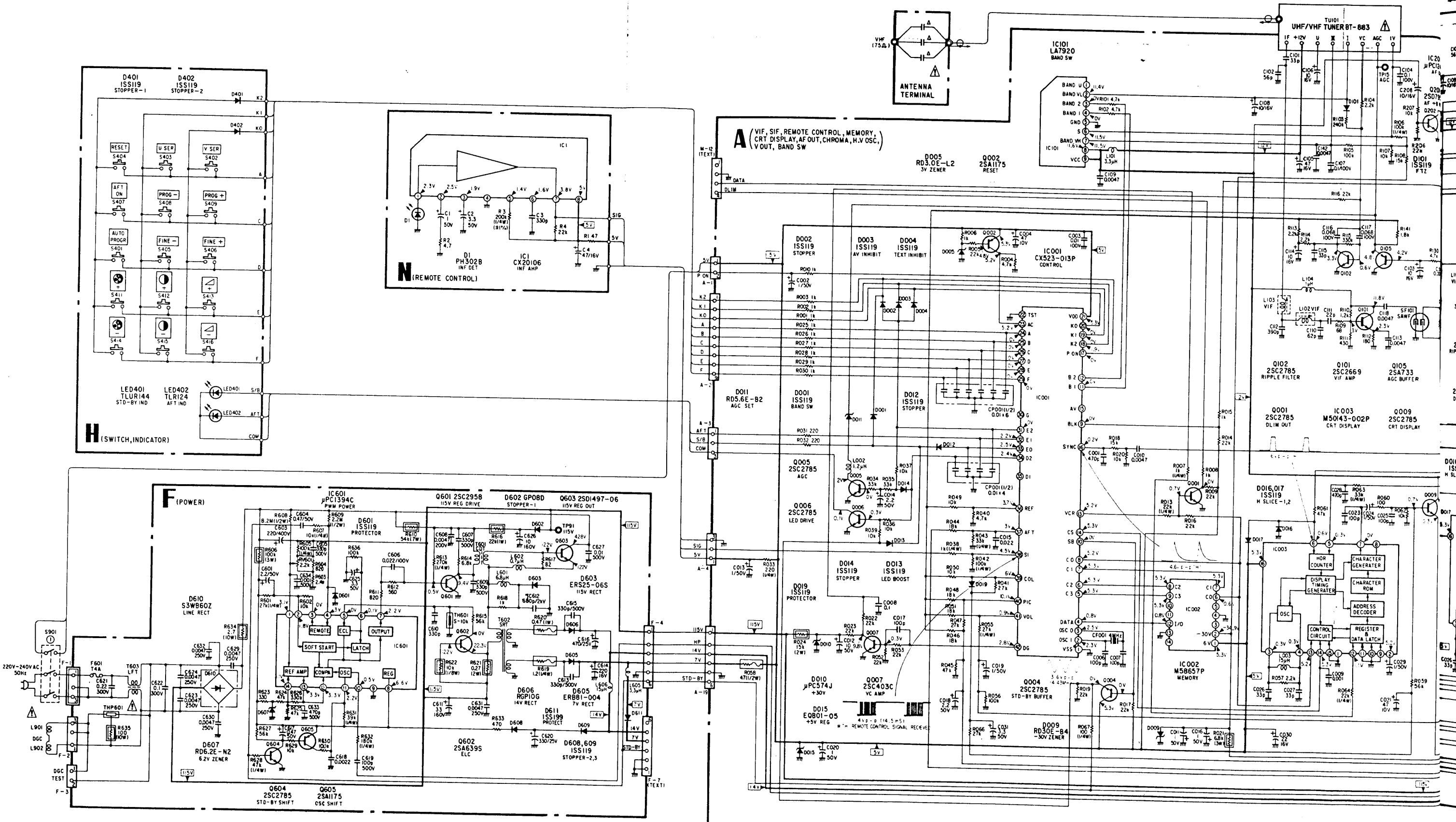
F

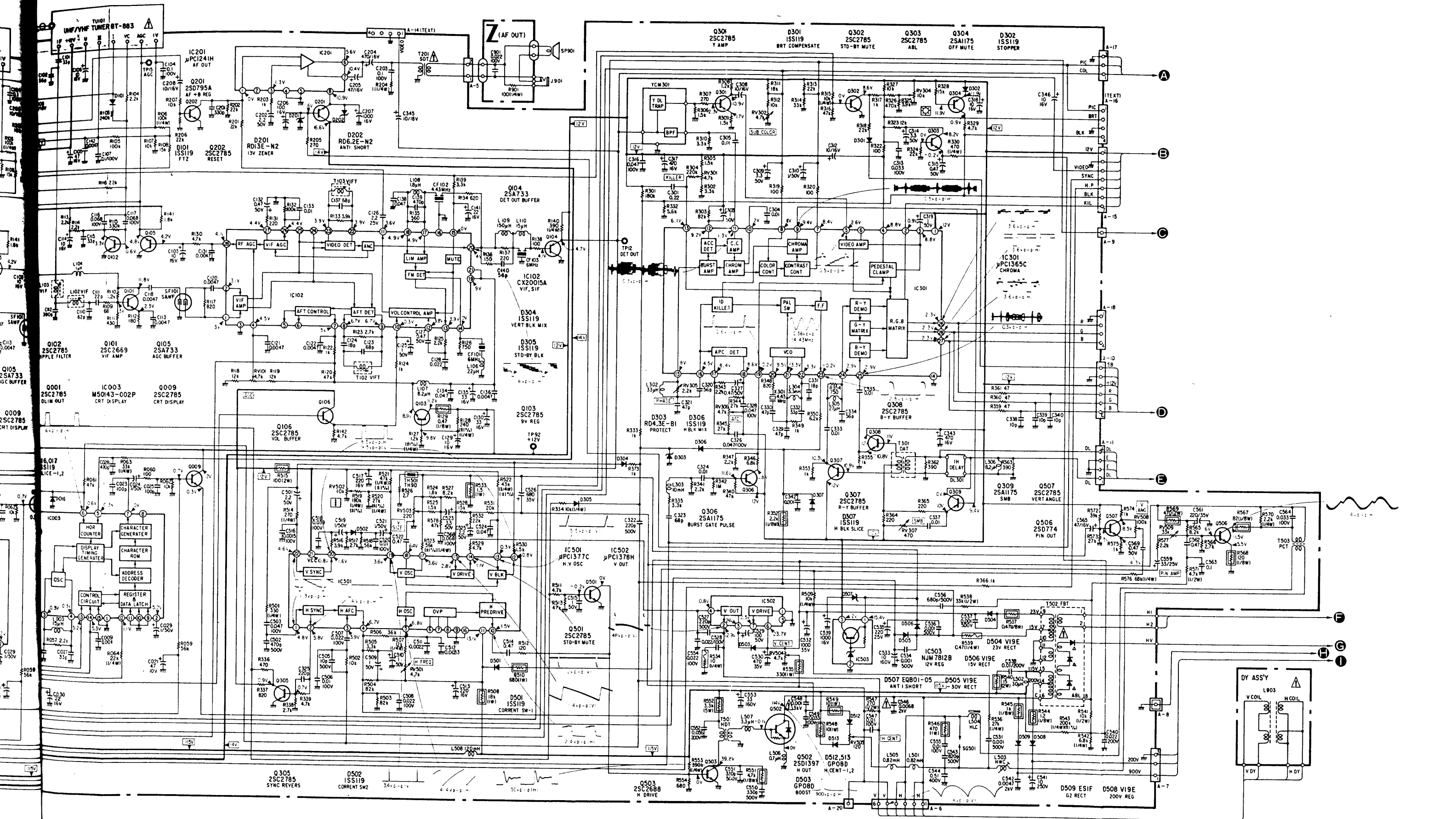
G

H

I

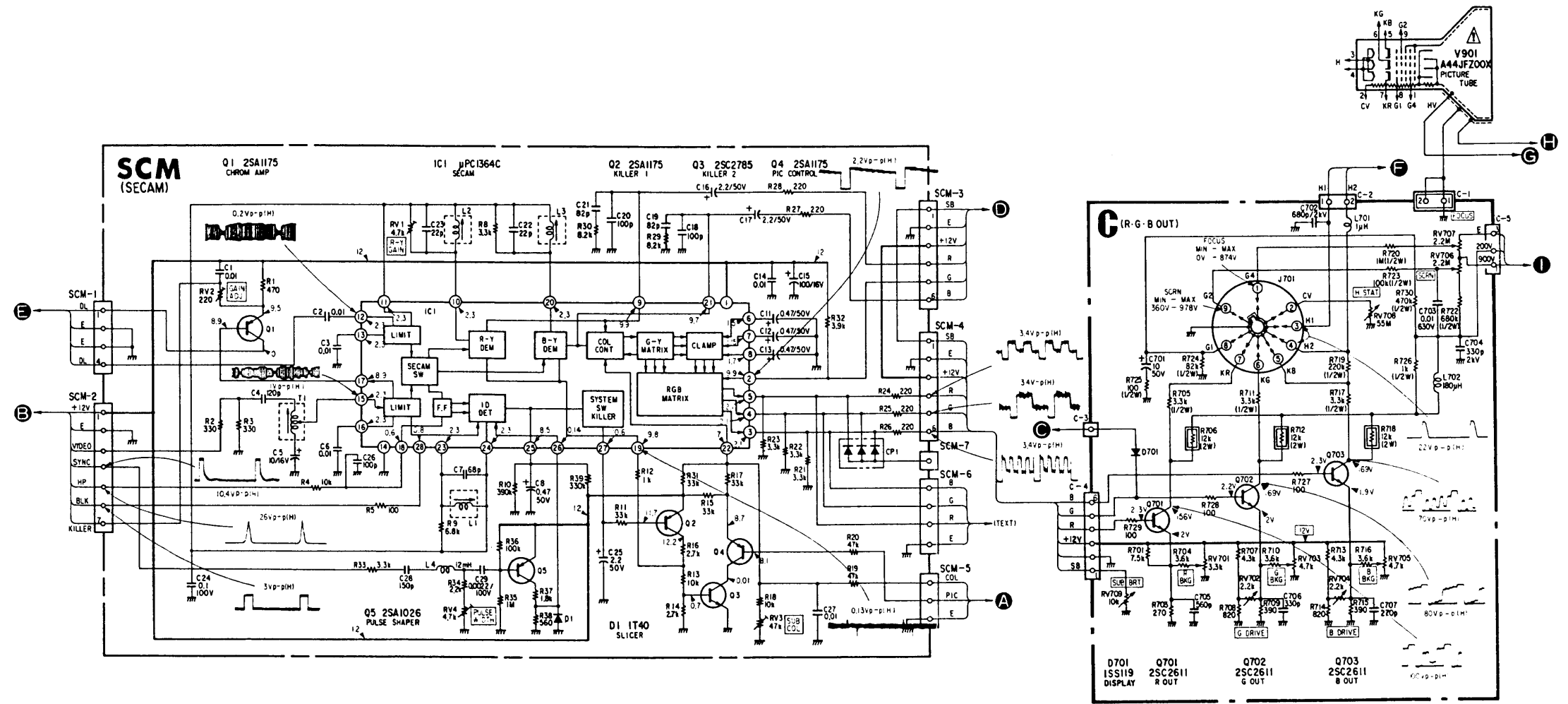
J





1 2 3 4 5 6 7 8 9 10 11 12

A
B
C
D
E
F
G
H
I
J



Note:

- All capacitors are in μF unless otherwise noted. p: μM F. 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, $\frac{1}{8}\text{W}$ unless otherwise noted. k: 1000 Ω , M: 1000k Ω .
- : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : fusible resistor.
- Δ : internal component.
- : panel designation.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 M Ω digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
- Readings are taken with a color-bar signal input.
- : adjustment for repair.
- : B+ bus.
- : B- bus.

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

D701 ISS119 DISPLAY	Q701 2SC2611 R OUT	Q702 2SC2611 G OUT	Q703 2SC2611 B OUT
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4-4. PRINTED WIRING BOARD - Conductor Side -

A

A

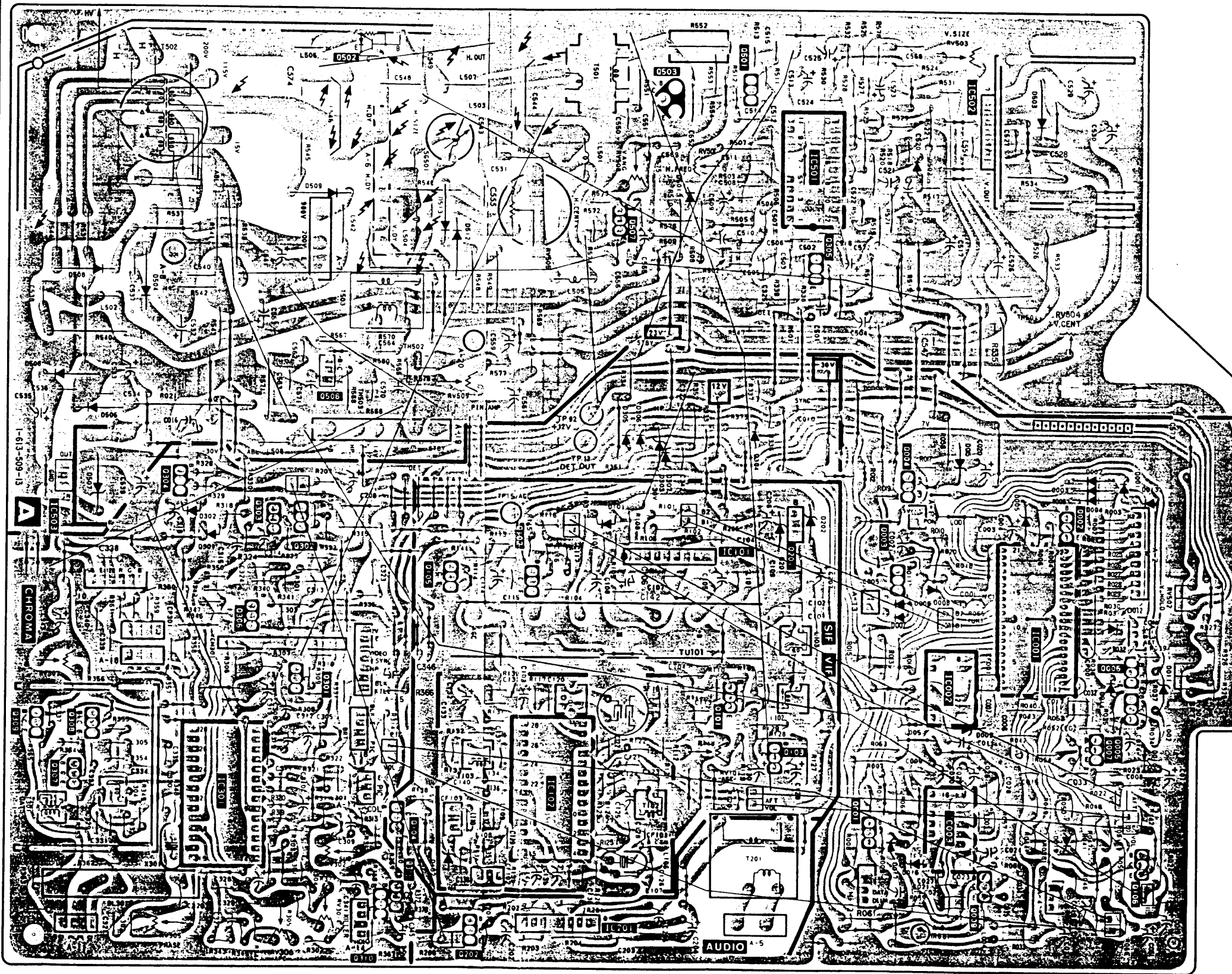
VIF, SIF, REMOTE CONTROL, MEMORY,
CRT DISPLAY, AF OUT, CHROMA, H.V. OSC,
V. OUT, BAND SW

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

- A Board -

A
B
C
D
E
F
G
H
I

Q, IC	D	ADJ	TP
502		RV503	
501 503			
IC501 IC502	503	RV501 RV508	
	502		
	509 501		
507	513 512	RV505 RV504	
305			
	508 504		
	506	RV509	
506	505		92
IC503	304 304,306 303,307 015		12
304	004 003 004,013 005		15
308,302	002 302 202 101 201		
201	IC001 301		
IC101		RV502	
105,102			
306	012		
IC002	006	RV307	
301	014,011	RV304	
101	005		
308,308 IC102	007		
IC304	103	RV101	
307	IC003		
104	001		
	017 019		
	106 009	RV302	
		RV301 RV306 RV305	
IC 201			
202			
Q, IC	D	ADJ	TP



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H [SWITCH,
INDICATOR]

Z [AF OUT]

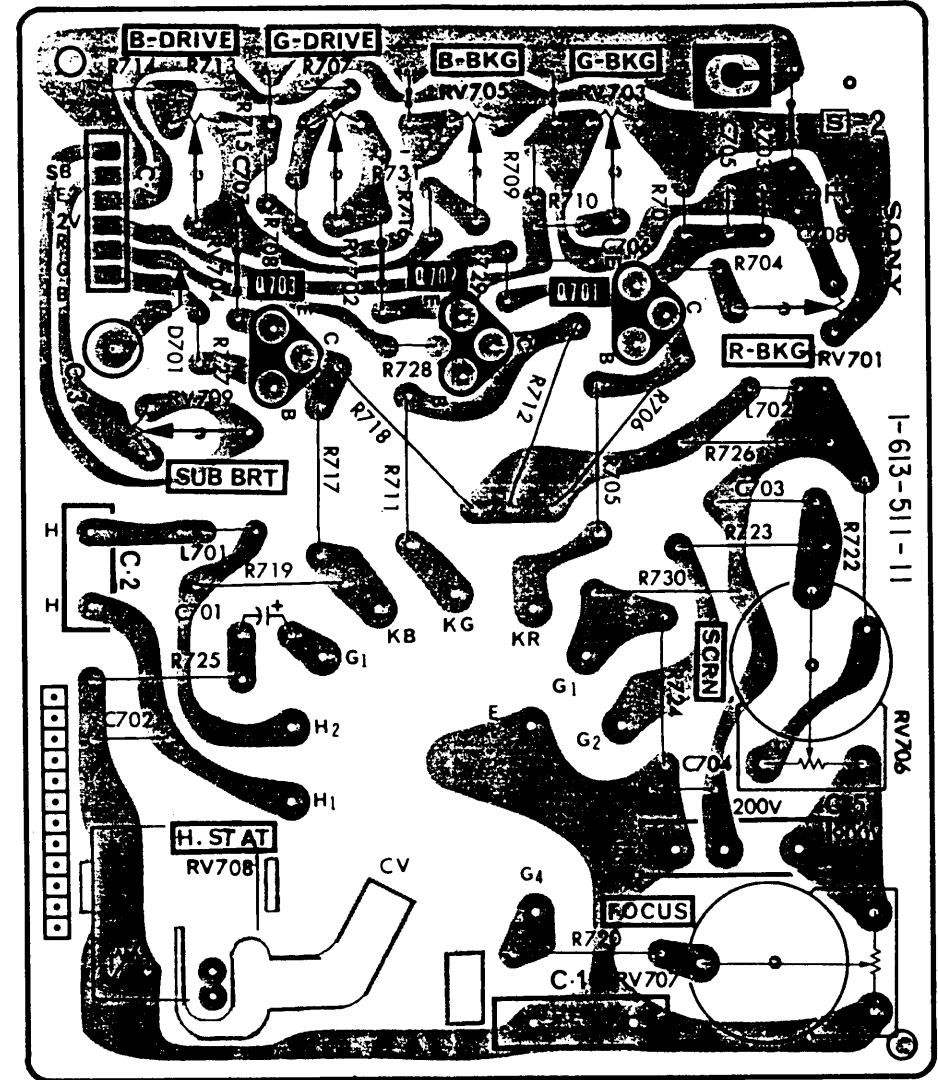
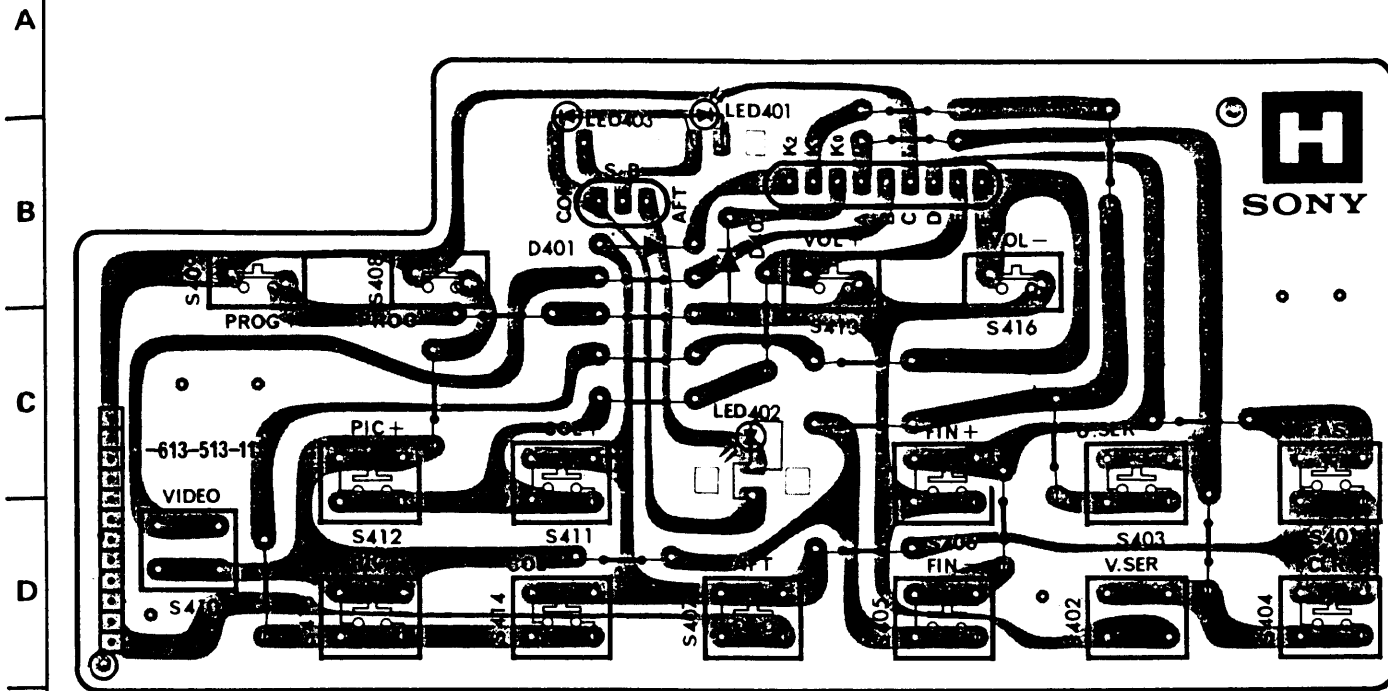
C [R.G.B OUT]

N [REMOTE CONTROL]

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

- H Board -

- C Board -



- Z Board -

- N Board -

