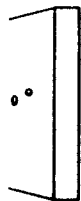
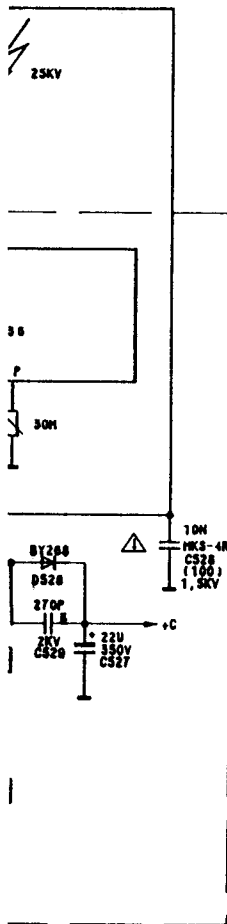


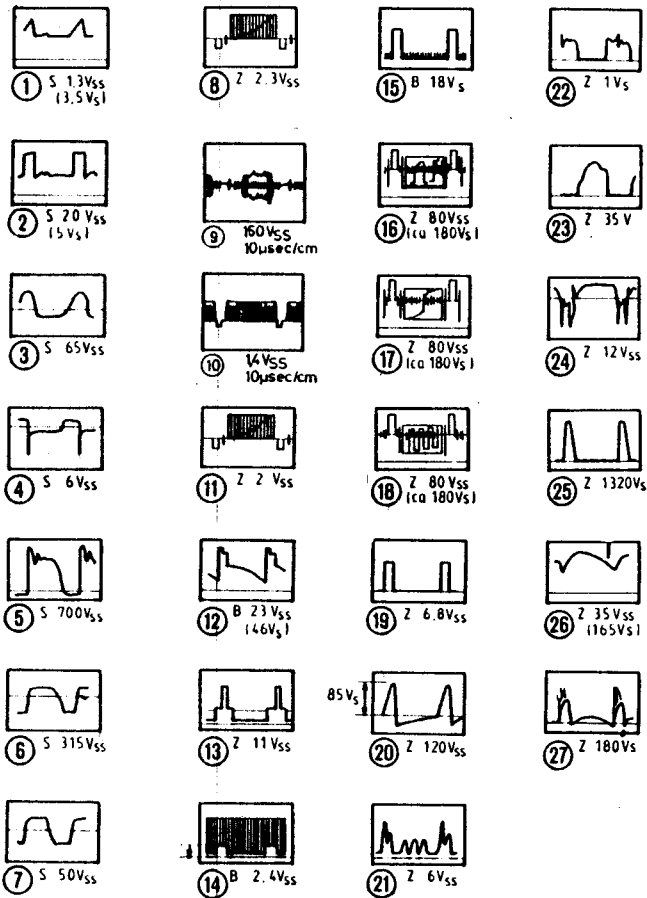
CGR. 01.06.05, 2



A 58-540X(22°)
A 66-540X(26°)



T 86-140	(0.25013-01)
T 58-140	(0.25014-01)
T 86-1401	(0.25045-01)
T 86-1402	(0.25068-01)
T 58-1401	(0.25048-02)
T 2649	(0.24998-01)
T 2249	(0.24999-01)
T 86-140/99	(0.25013-06)
T 2649/99	(0.24998-06)
T 58-140/99	(0.25014-06)
T 86-140 P/S-FR	(0.25016-15)
T 58-140 P/S-FR	(0.25014-15)



Oszillogramme aufgenommen mit Video-Generator.

Oszillogramm s photographed with video generator.

Gli oscillogrammi sono stati fotografati con generatore video.

GRUNDIG

CUC 71

T 56-140	(25 014)
T 56-1401	(25 048)
T 56-140 VT	(25 014)
T 56-140 P/S FR	(25 014)
T 66-140	(25 013)
T 66-1401	(25 045)
T 66-1402	(25 045)
T 66-140 P/S FR	(25 013)

Servicehinweise für Schalt-
netzteil: Gerät mit Netztrenntrans-
formator betreiben. Primärseite des
Schaltnetztes liegt an Netzpo-
tential. Bei fehlender Sekundär-
spannung oder Takten des Netz-
teses Sekundärstromkreise ein-
zeln unterbrechen und Funktion
überprüfen.
Suchschema bei Nichtschwingen
des Sperrwandlers.

- Anlaufspannung (Pin 9/5)
< 8 V Anlauf über Di 616
u R 616.
- Referenzspannung (Pin 1)
ca. 6 V
- Startimpuls (Pin 4) ①
- Basisstromsteuerung
(Pin 7) ②

C 626 muß vor Wechsel des IC
631 entladen sein! Netzteilregel-
bereich 160 bis 260 V~

Service hints for switch-mode
power supply: operate set with
mains-isolating transformer (n. b.
the primary side of the SM power
supply is normally not isolated, if
there is no secondary voltage or
the power supply pulsates, dis-
connect the secondary circuits
individually and check operation.
Fault finding scheme if blocking
function prevents oscillation:

- Starting voltage (Pin 9/5)
< 8 V, starting via Di 616
and R 616
- Reference voltage (Pin 1)
approx. 6 V
- Start pulse (Pin 4) ①
- Base current drive (Pin 7)
②

Before replacement of IC 631, C
626 must be discharged. Power
supply range 160 to 260 V AC.

Avvertenze di Servizio dell'al-
imentatore: Alimentare l'apparec-
chio con un trasformatore sepa-
ratore. Il lato primario dell'alimen-
tatore è a potenziale di rete. Se
viene a mancare la tensione del
secondario o in caso di interven-
to ritmico dell'alimentatore, inter-
rompere uno alla volta i circuiti
dell' secondario e controllarne la
funzione. Se il trasduttore di in-
terdizione non viene eccitato, ri-
cercare il guasto secondo lo
schema seguente:

- Tensione di avviamento
(pin 9/5) < 8 V. Avviamen-
to tramite Di 616 e R 616.
- Tensione di riferimento
(pin 1) ca. 6 V.
- Impulso di avviamento
(pin 4) ①
- Pilotaggio della corrente di
base (pin 7) ②

Il C 626 deve essere scarico pri-
ma di cambiare l'IC 631! Campo
di regolazione dell'alimentatore:
160 a 260 V~

Bei Eingriffen Schutzmaßnahmen
für MOS-Bauteile beachten!

When handling MOS-circuits,
always observe the MOS protection measures!

Adoperando componenti o circuiti MOS,
osservarne le corrispondenti misure di protezione!

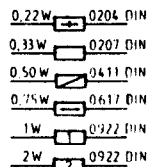
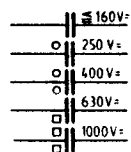
Die mit Δ bezeichneten Bauteile sind nach den Richtlinien des
VDE bzw. IEC für die Gerätesicherheit und die mit Δ bezeichne-
ten für die einwandfreie Gerätefunktion unbedingt notwendig. Im
Ersatzfall dürfen nur Originalteile Verwendung finden.

The components marked Δ conform to VDE or IEC guidelines
and are essential for safe operation of the set, while those marked
 Δ are required for correct operation. Use specified parts only
when replacing.

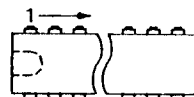
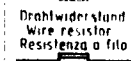
I componenti Δ hanno la massima importanza per la sicurezza
dell'apparecchio e sono conformi alle norme VDE o IEC e quel-
li Δ sono assolutamente necessari per il funzionamento perfetto
dell'apparecchio. In caso di sostituzione impiegare quindi soltanto
pezzi di ricambio originali.

Elektrolytkondensator
Electrolytic capacitor
Condens. électrolytique

Folienkondensator
Foil capacitor
Condens. a foglia
Keramik-Kondensator
Ceramic capacitor
Condens. ceramico



Widerstand nicht brennbar
Resistor not flammable
Resistenza non infiammabile



IC'S VON UNTEN GEGEHEN
IC'S SEEN FROM BOTTOM
IC'S VISTI DI SOTTO



BU 208
BU 208A



MC 78M05CT
TY 40184



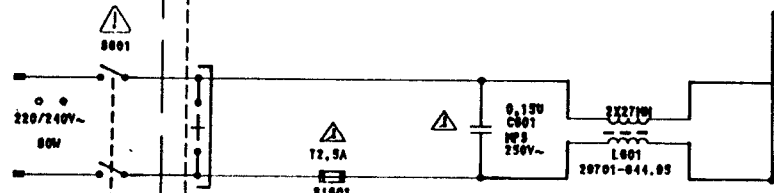
BC 548
BC 558
BF 298



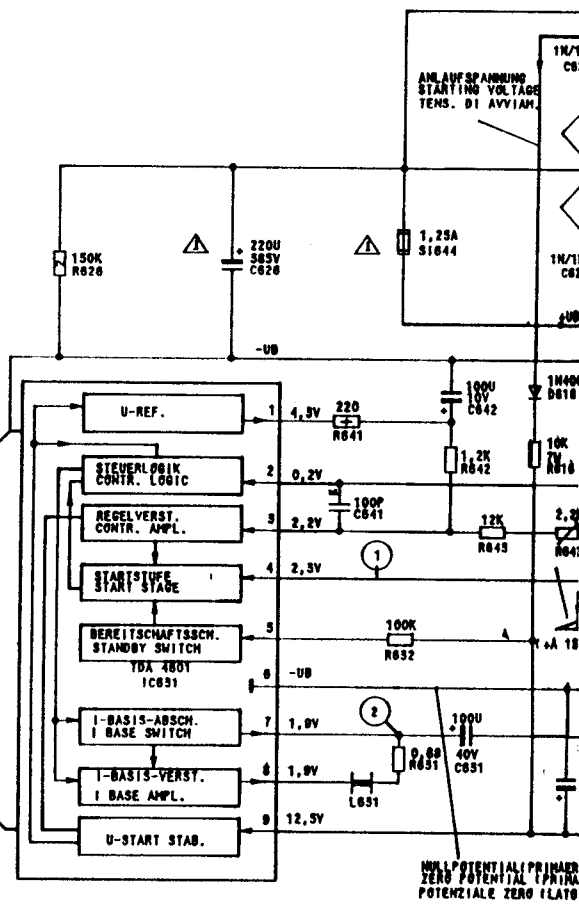
BC 657

NETZTEILPLATTE 29304-072.23

MAINS PRINTED BOARD
PIASTRA ALIMENTATORE



NICHT NETZGETRENNTES SCHALTUNGSTEIL
CIRCUIT NOT MAINS-ISOLATED
CIRCUITO NON SEPARATO DALLA RETE



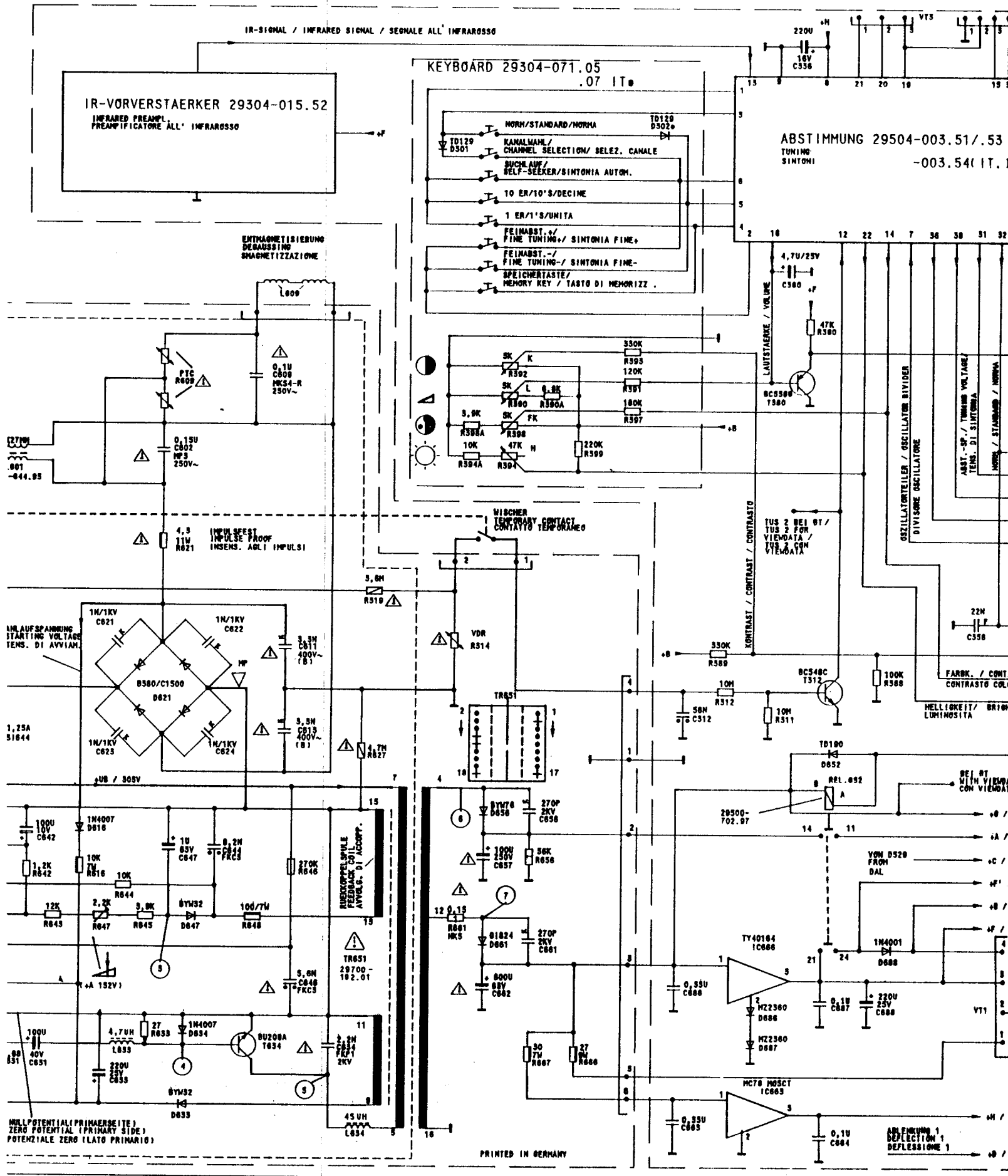
MULTIPOTENTIAL PRIMARY
ZERO POTENTIAL (PIRMA)
POTENZIALE ZERO (LATO)

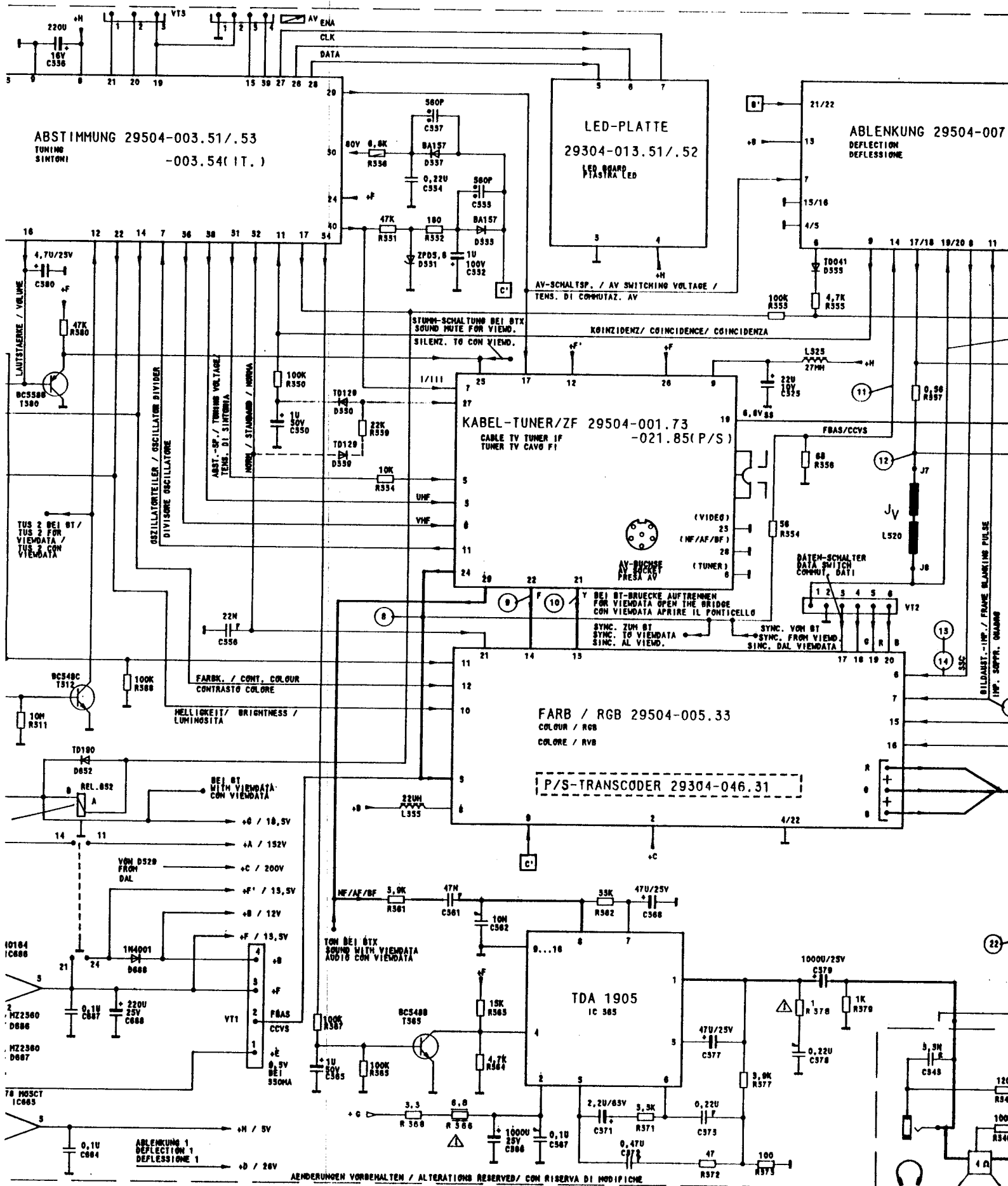
● Netzschalter
Mains switch
Interruttore di rete

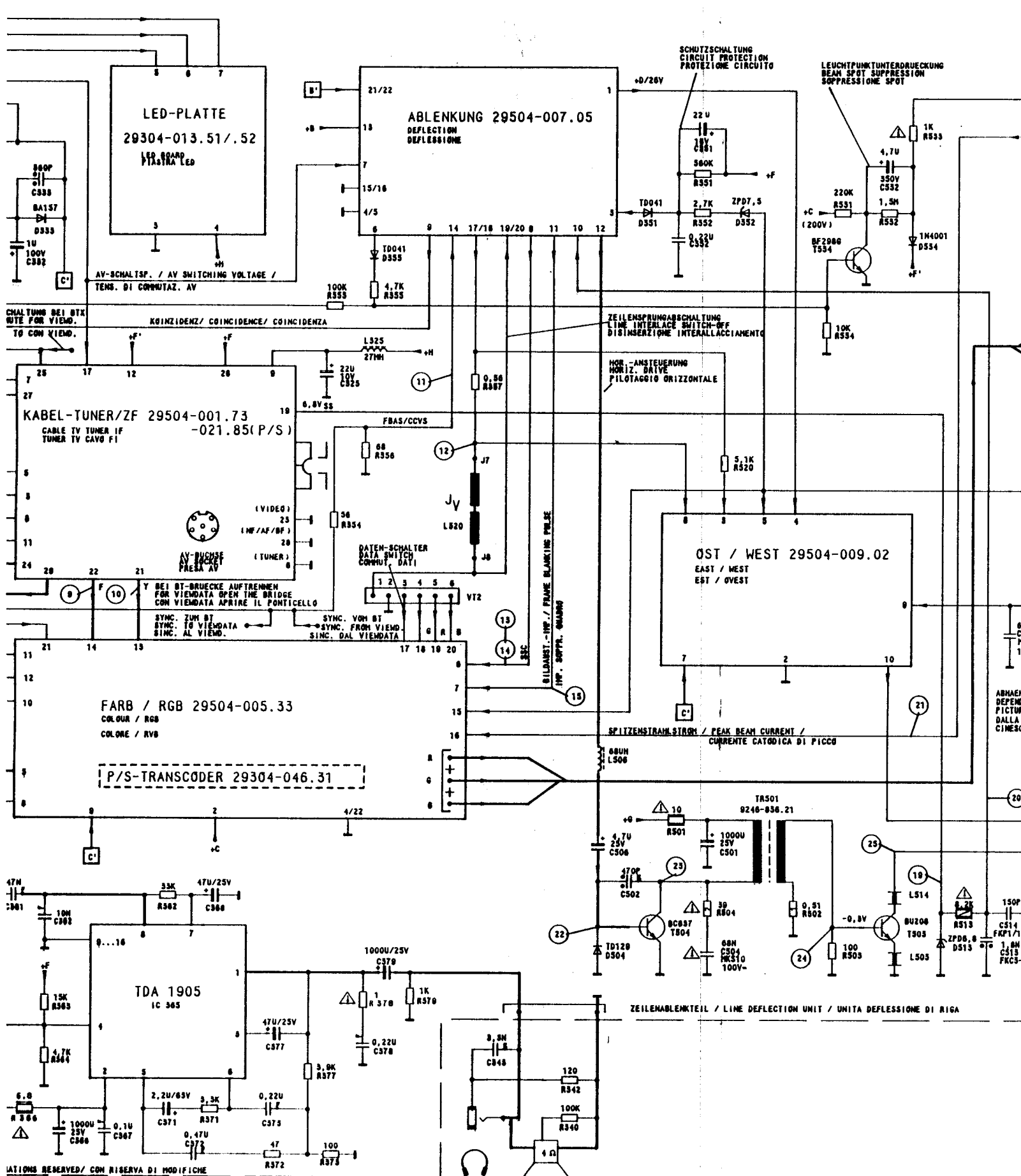
Regler + A
Control + A
Regolatore + A

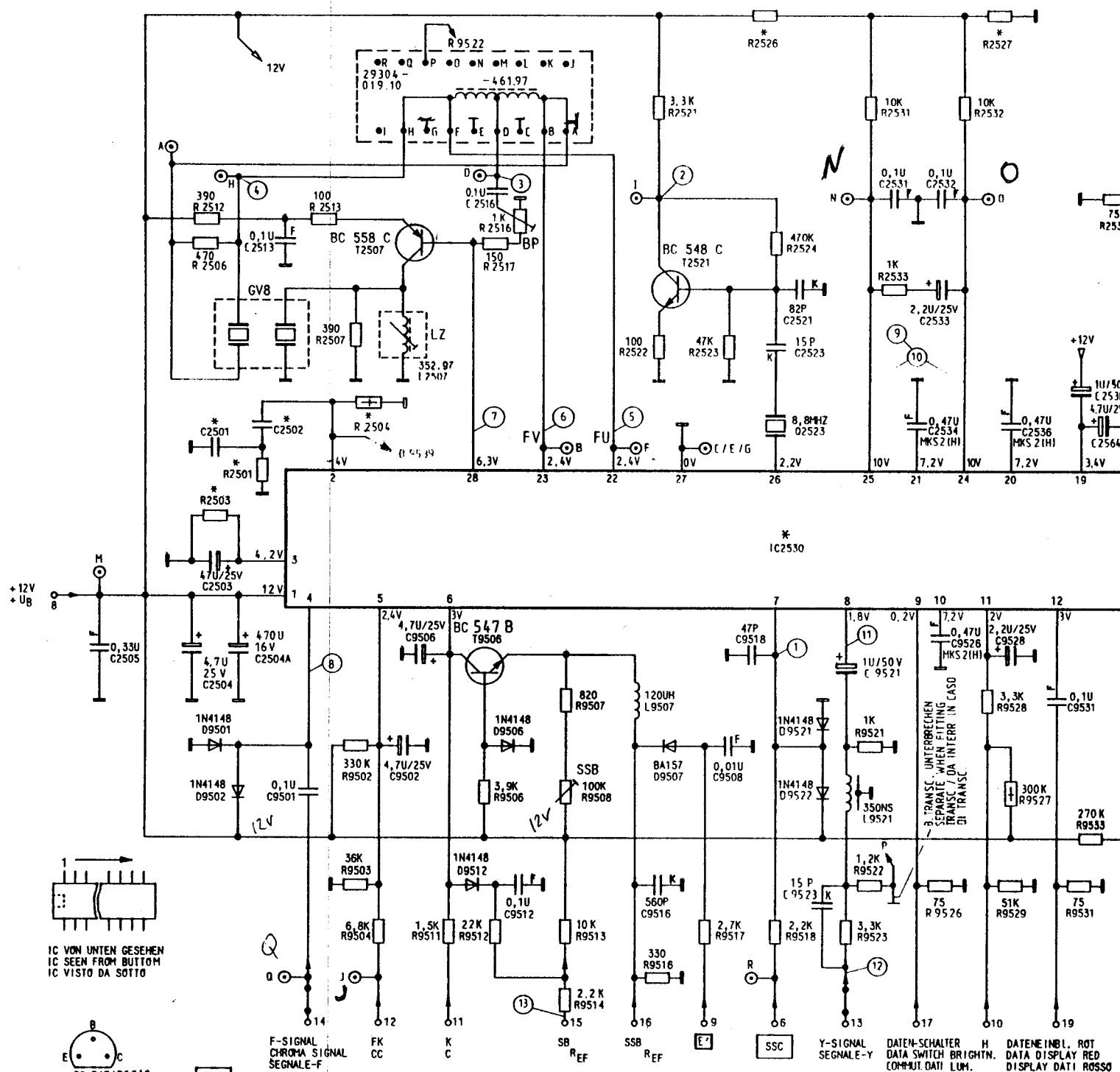
Lautstärke
Volume
Volume

Farb-
Cok-
Cor-





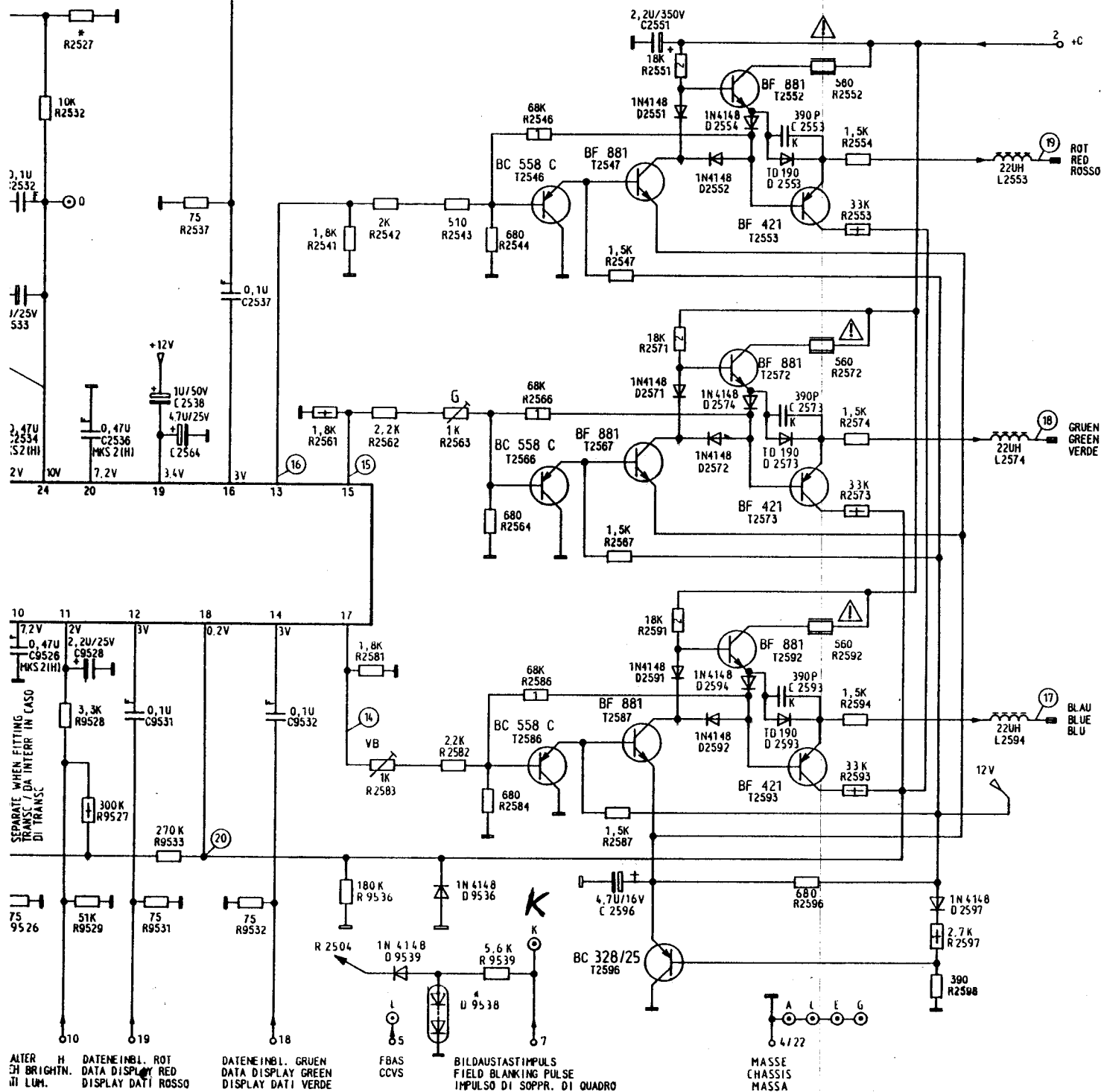




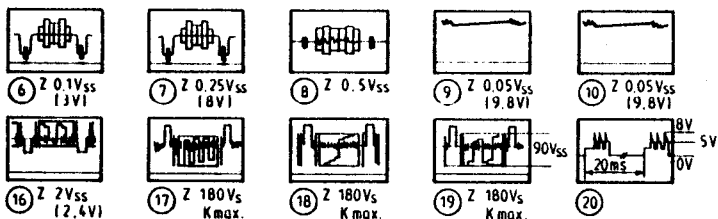
DATENEINBL. BLAU
DATA DISPLAY BLUE
DISPLAY DATI BLU

*

IC 2530	D 9538	C 2501	R 2501	R 2526	R 2527	R 2504	R 2503	C 2502
TDA 3562 A	BZX75C2V8	1N	470	2.4 K	22 K	330 K	1M	0.33 U
TDA3562A/N4	BZX75C3V6	—	—	6.8 K	51 K	—	—	2 F 0.33 U



DILORE / RVB



Oscillogramme gemessen mit Farbbalkentestbild.
Oscillograms measured with colour bar test picture.
Gli oscillogr. sono misurati con monoscopia a barre colore

Gleichsp. gemessen b (H) nominal, (FK) nominal, (K) maximal.
DC voltages measured at nominal brightness, nominal colour contrast and max. contrast
Tensioni continue misurate con lum. nominale, contr. colore nominale e contr. al massimo.

