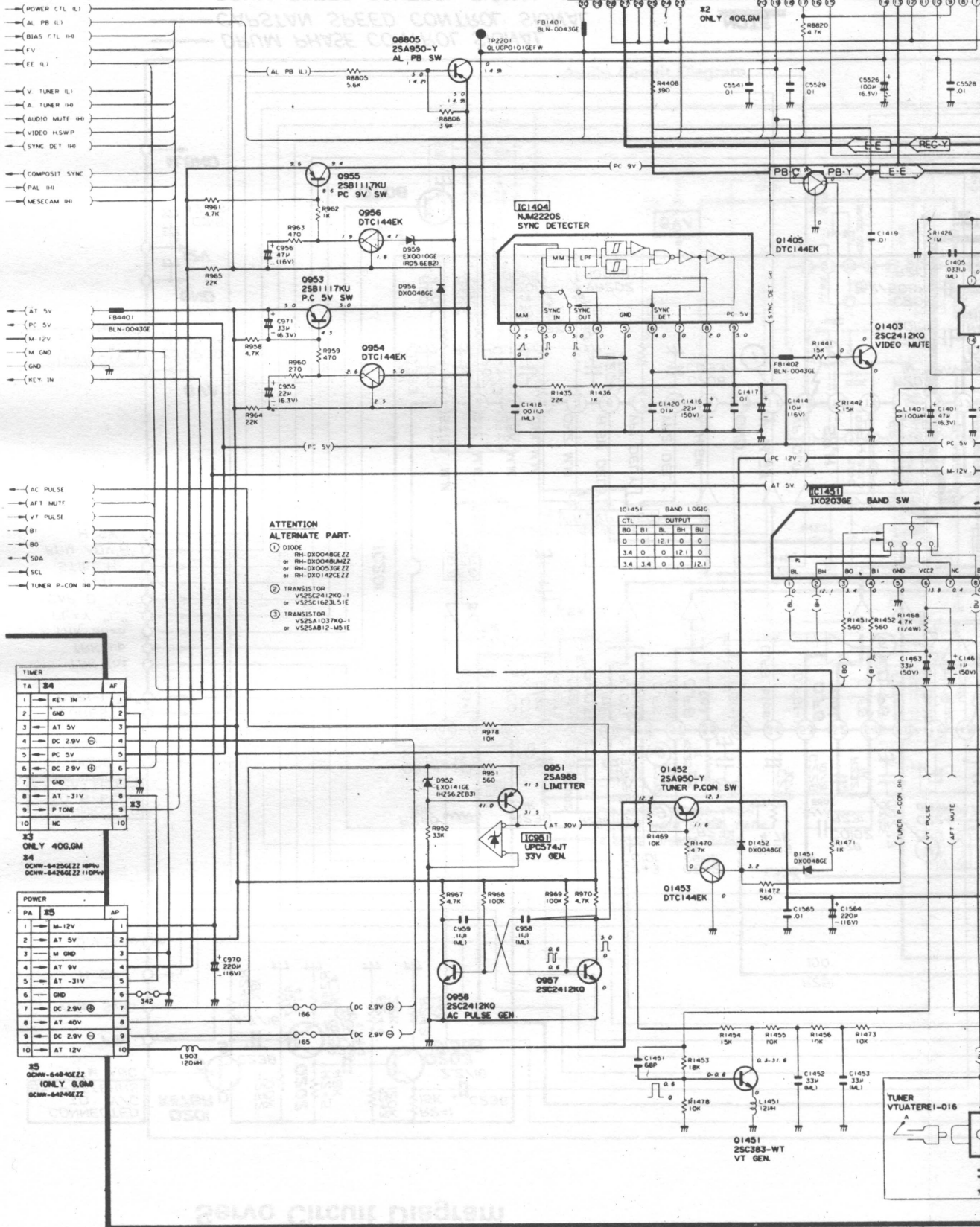
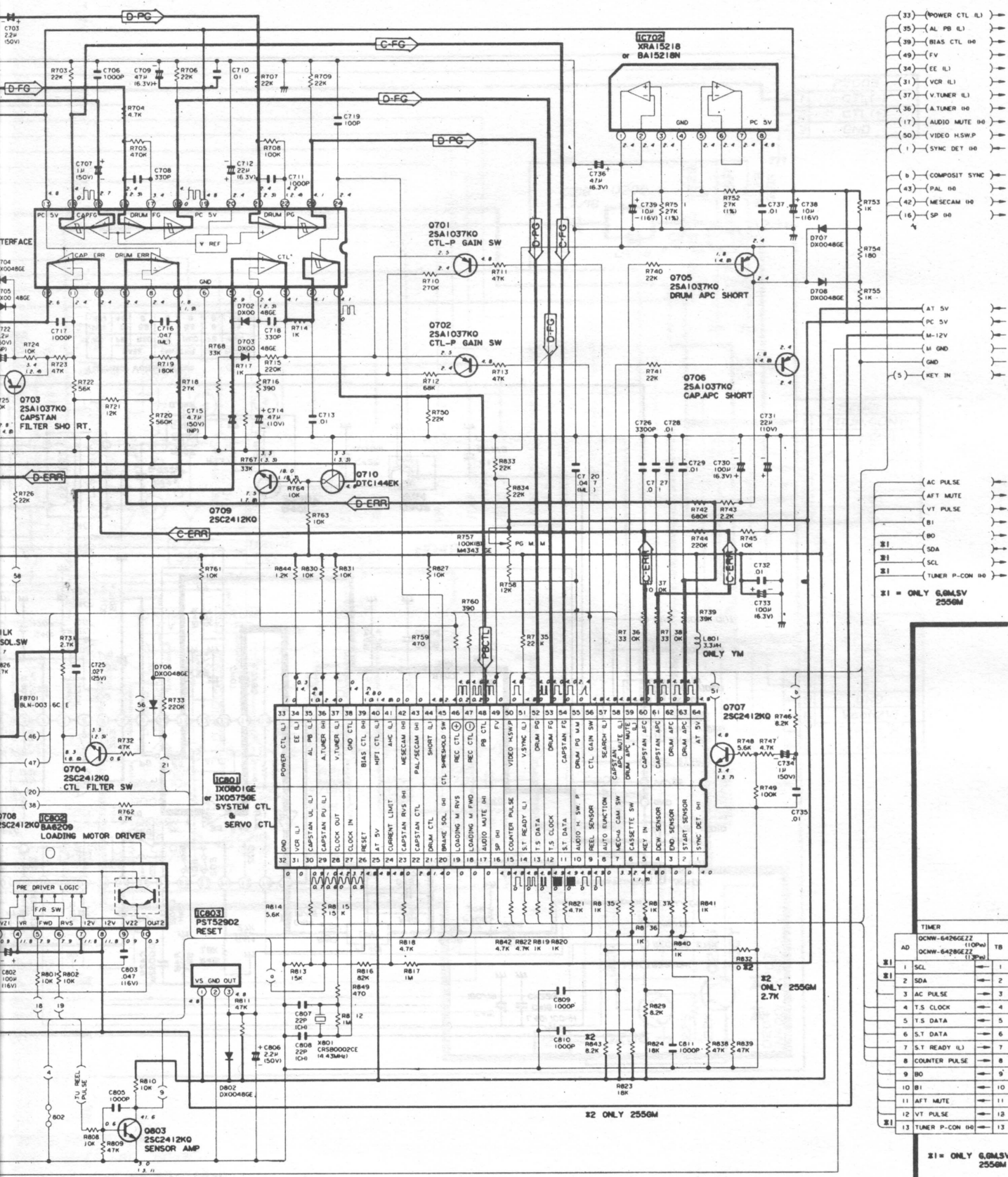


SHARP VC-A30 series

MAIN CIRCUIT2 (VC-A30G(BR), A30GM(BR)) HAUPTSCHALTUNG2



COGDSIAH VCB-V1010W/B110Z
 VCB-V1010P/B110P



- (33) - (POWER CTL LI)
- (35) - (AL PB LI)
- (39) - (BIAS CTL IH)
- (49) - (FV)
- (34) - (EE LI)
- (31) - (VCR LI)
- (37) - (V-TUNER LI)
- (36) - (A-TUNER IH)
- (17) - (AUDIO MUTE IH)
- (50) - (VIDEO H.S.W.P)
- (1) - (SYNC DET IH)

- (8) - (COMPOSIT SYNC)
- (43) - (PAL IH)
- (42) - (MESECAM IH)
- (16) - (SP IH)

- (AT 5V)
- (PC 5V)
- (M-12V)
- (M GND)
- (GND)
- (5) - (KEY IN)

- (AC PULSE)
- (AFT MUTE)
- (VT PULSE)
- (BI)
- (BO)
- (SDA)
- (SCL)
- (TUNER P-CON IH)

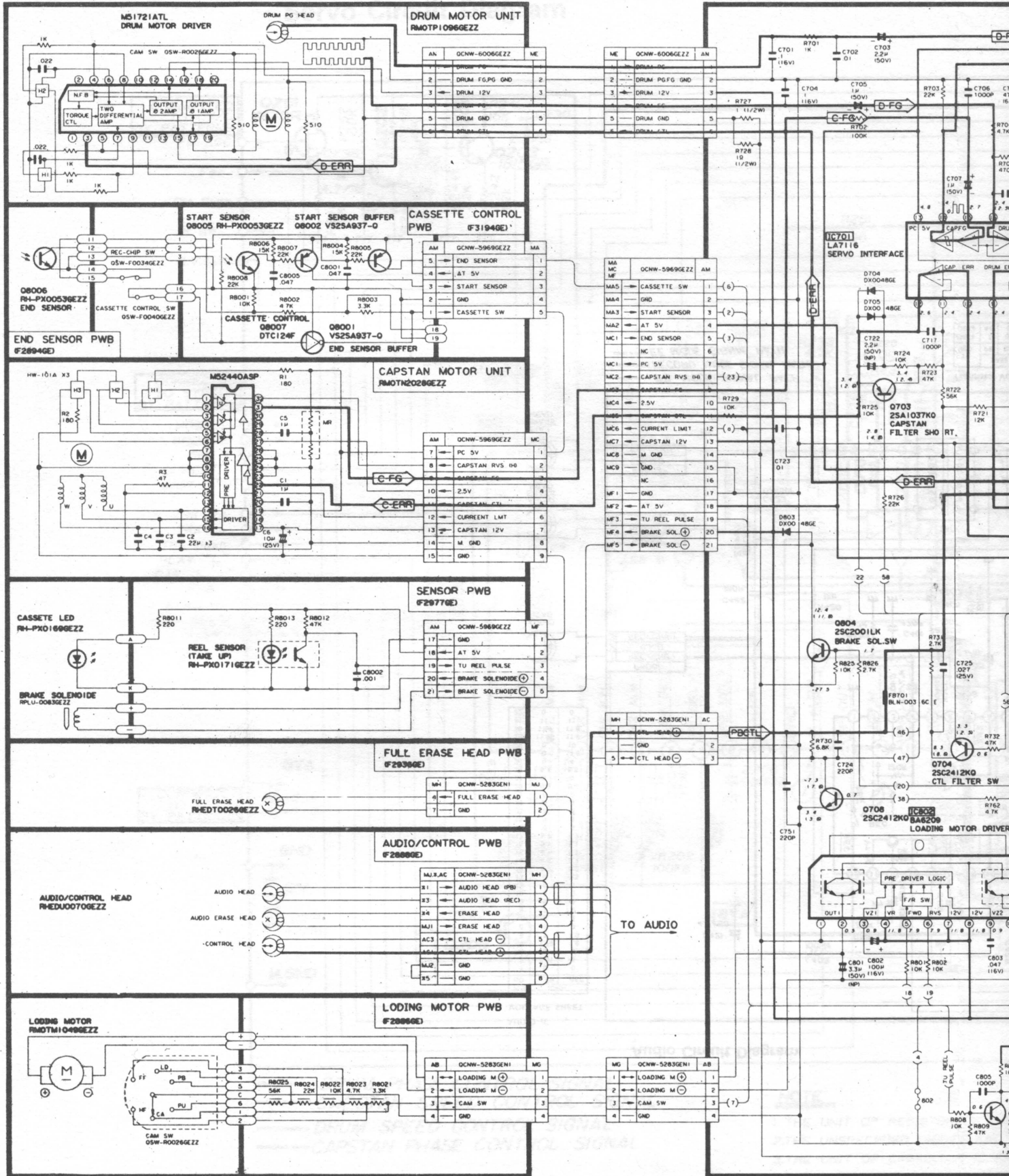
⊠ = ONLY 6.9MSV 255GM

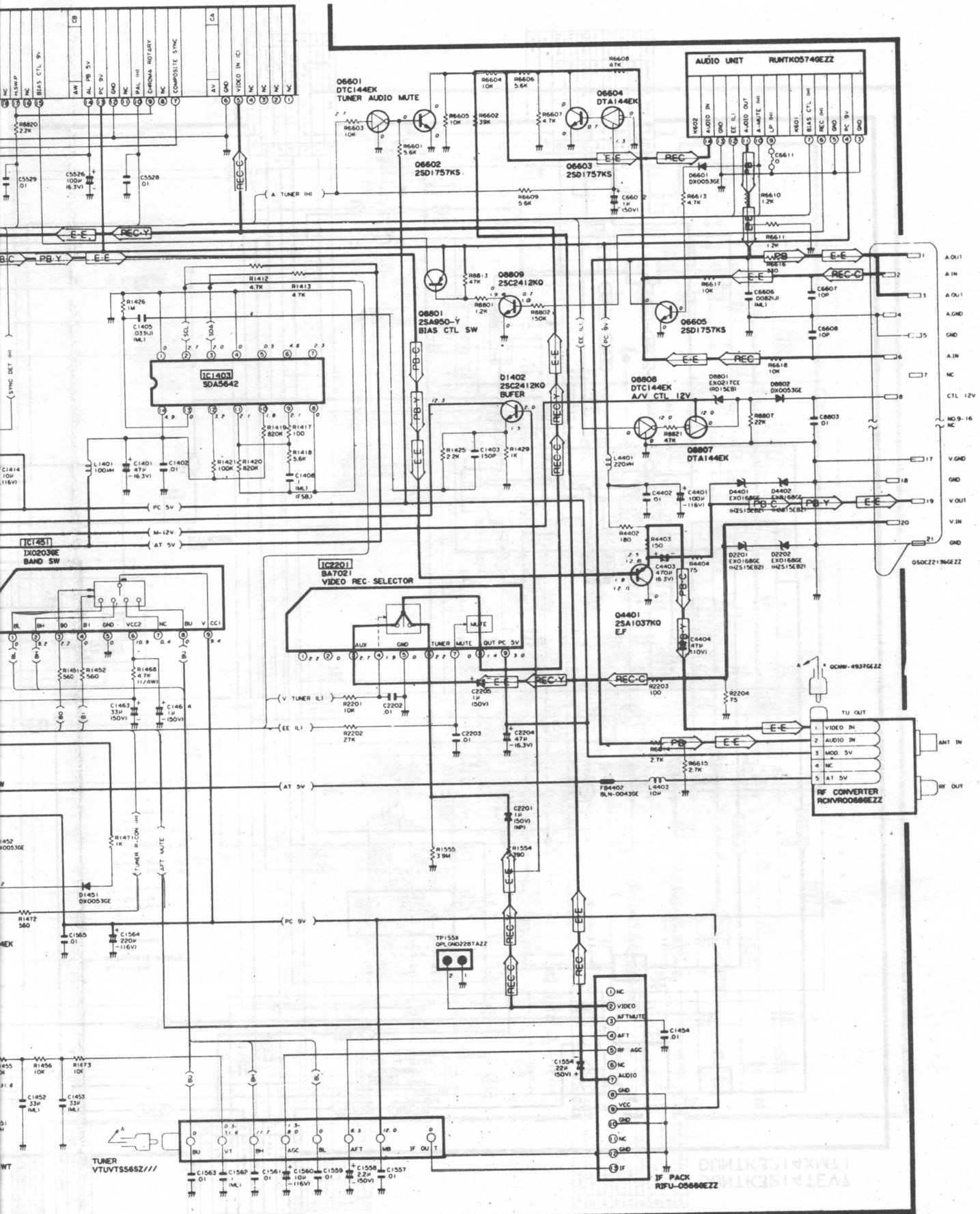
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
POWER CTL LI	EE LI	AL PB LI	CAPSTAN UL LI	CAPSTAN PU LI	CLOCK OUT	CLOCK IN	RESET	BIAS CTL IH	CURRENT LIMIT	CAPSTAN RVS IH	MESECAM IH	SHORT LI	CTL THRESHOLD SW	BRK SOL. HI	LOADING M FWD	LOADING M REV	AUDIO MUTE IH	SP IH	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI	REC CTI
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
VIDEO H.S.W.P	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	V-TUNER IH	

TIMER		
AD	OCNW-6426G2Z (10P)	TB
⊠ 1	SCL	1
⊠ 2	SDA	2
⊠ 3	AC PULSE	3
⊠ 4	T.S. CLOCK	4
⊠ 5	T.S. DATA	5
⊠ 6	S.T. DATA	6
⊠ 7	S.T. READY LI	7
⊠ 8	COUNTER PULSE	8
⊠ 9	BO	9
⊠ 10	BI	10
⊠ 11	AFT MUTE	11
⊠ 12	VT PULSE	12
⊠ 13	TUNER P-CON IH	13

⊠ = ONLY 6.9MSV 255GM

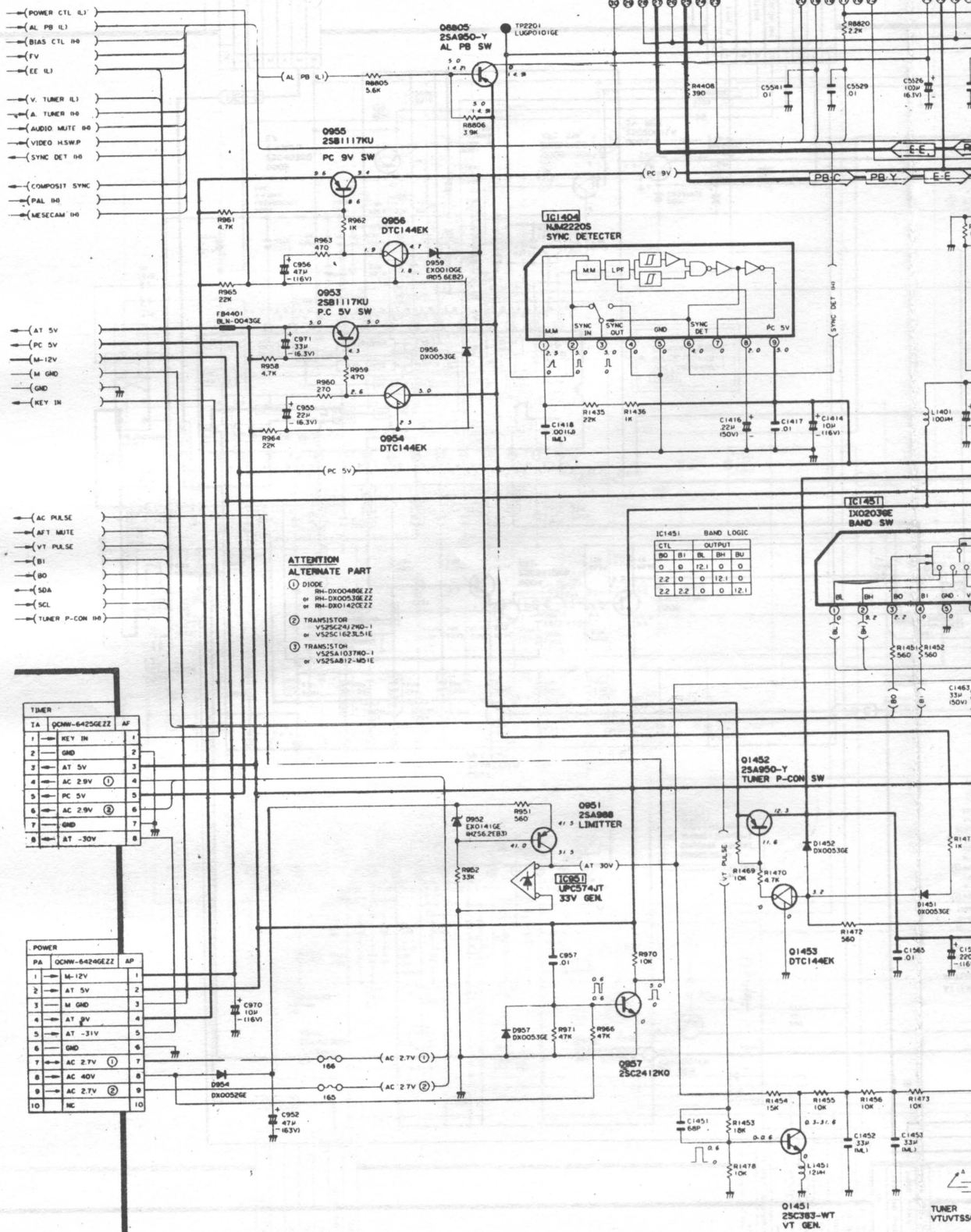
MAIN CIRCUIT1 HAUPTSCHALTUNG1





SHARP VC-A30 series

MAIN CIRCUIT2 (VC-A30SV(BR)) HAUPTSCHALTUNG2



**ATTENTION
ALTERNATE PART**

- DIODE
RH-DX0048GEZZ
or RH-DX0053GEZZ
or RH-DX0142CEZZ
- TRANSISTOR
V525CA12WD-1
or V525C1623LS1E
- TRANSISTOR
V525A1037MO-1
or V525AB12-MD1E

IC1451 BAND LOGIC

CTL	B0	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TIMER

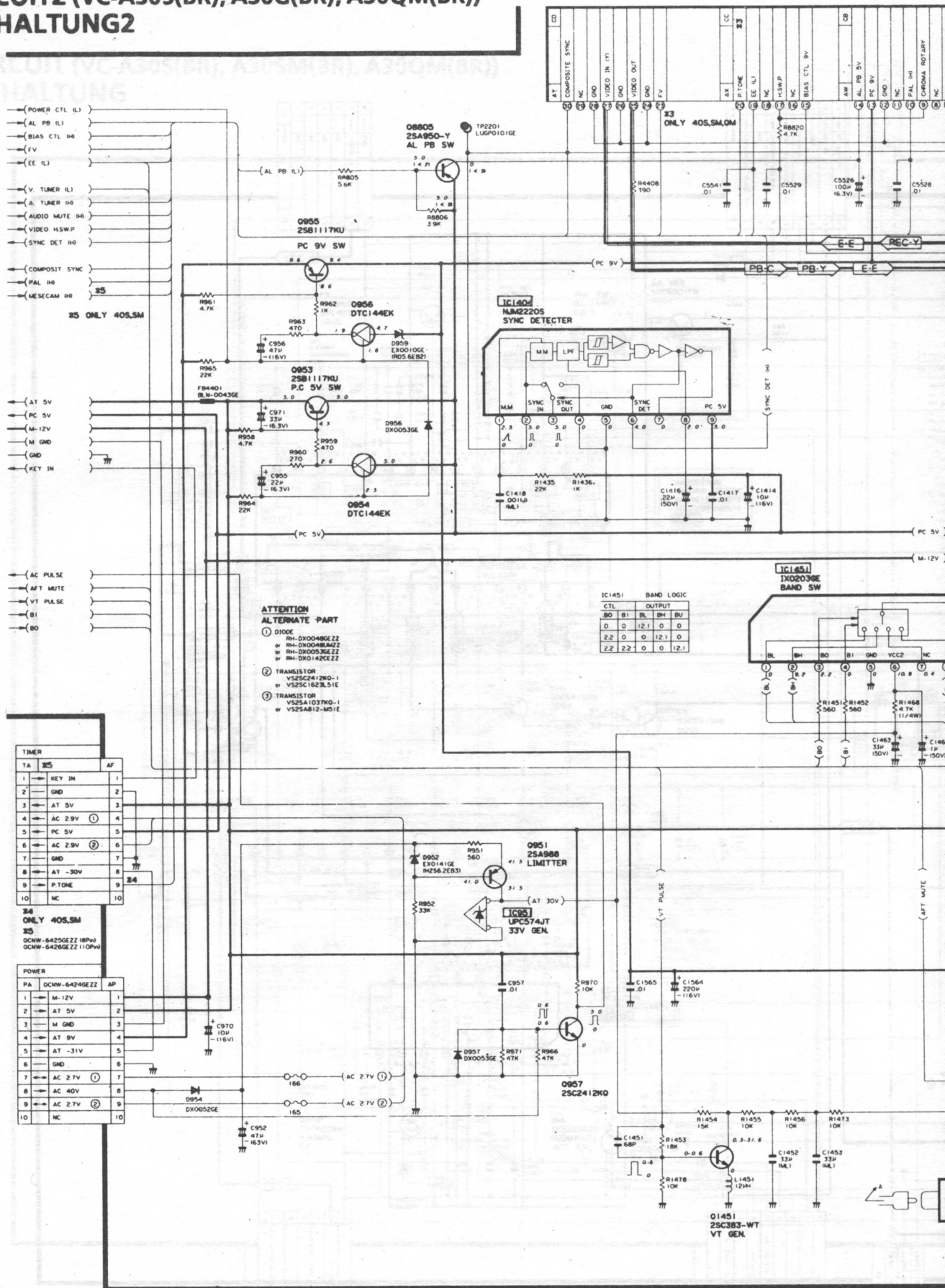
TA	OCNW-6425GEZZ	AF
1	KEY IN	1
2	GND	2
3	AT 5V	3
4	AC 2.9V	4
5	PC 5V	5
6	AC 2.9V	6
7	GND	7
8	AT -30V	8

POWER

PA	OCNW-6425GEZZ	AP
1	M-12V	1
2	AT 5V	2
3	M GND	3
4	AT 2V	4
5	PC 5V	5
6	GND	6
7	AC 2.7V	7
8	AC 40V	8
9	AC 2.7V	9
10	NC	10

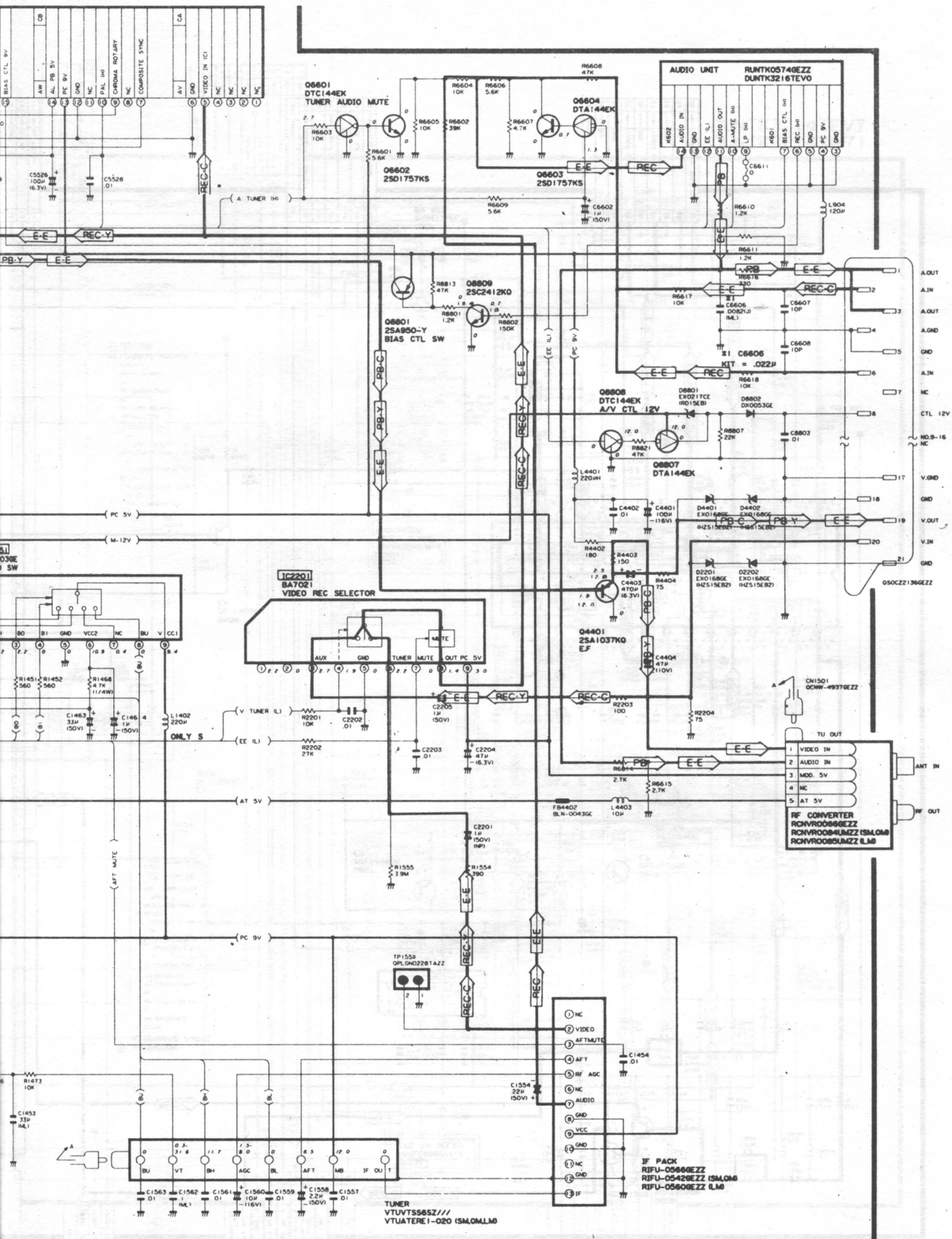
IC-SCHALTUNG
HAUPTSCHALTUNG2 (VC-A30SV(BR))

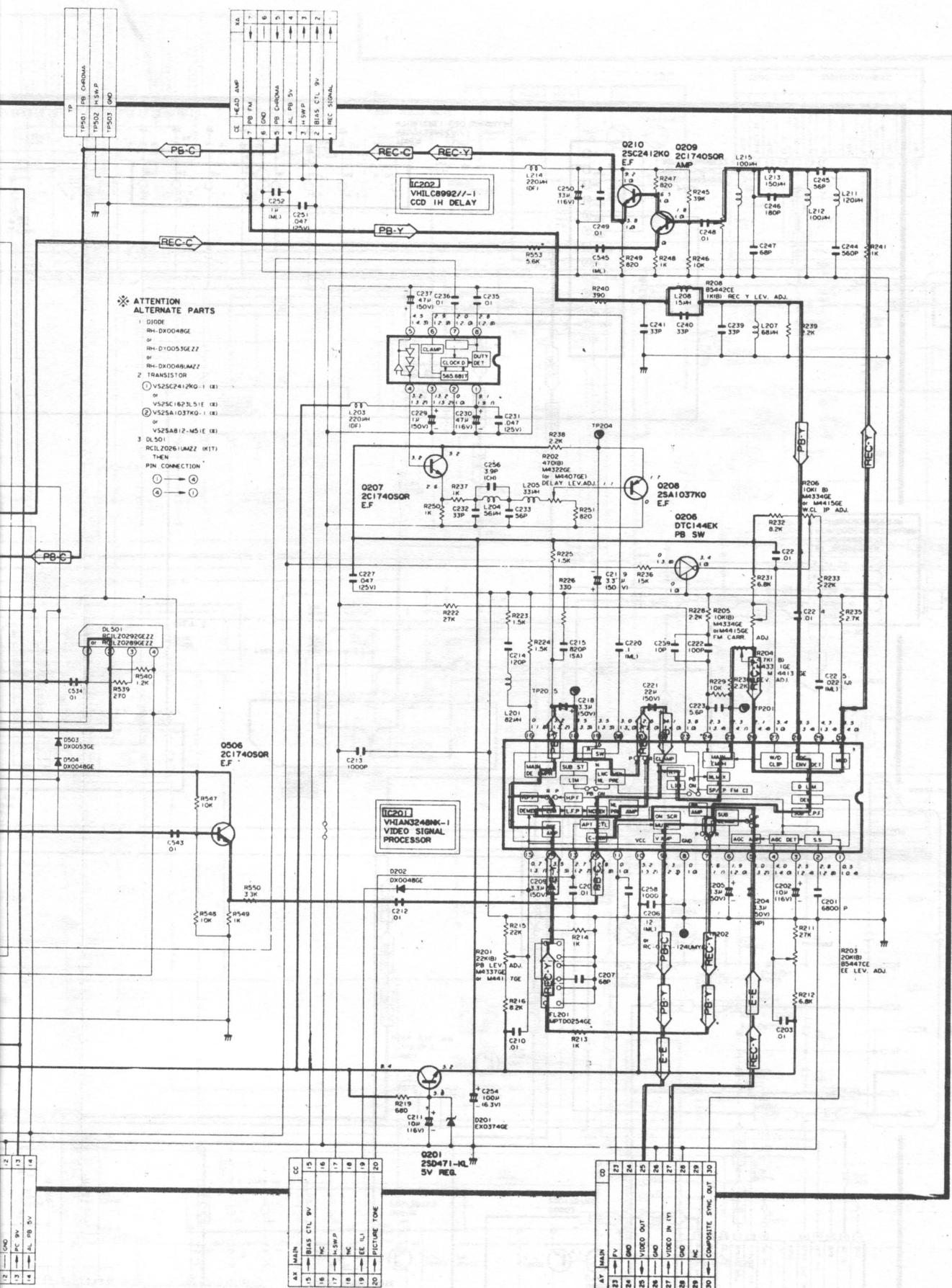
MAIN CIRCUIT2 (VC-A30S(BR), A30G(BR), A30QM(BR)) HAUPTSCHALTUNG2



VC-SCHALTUNG
 VC-SCHALTUNG (VC-A30S(BR), A30G(BR), A30QM(BR))

SHARP AC-A30 SERIES

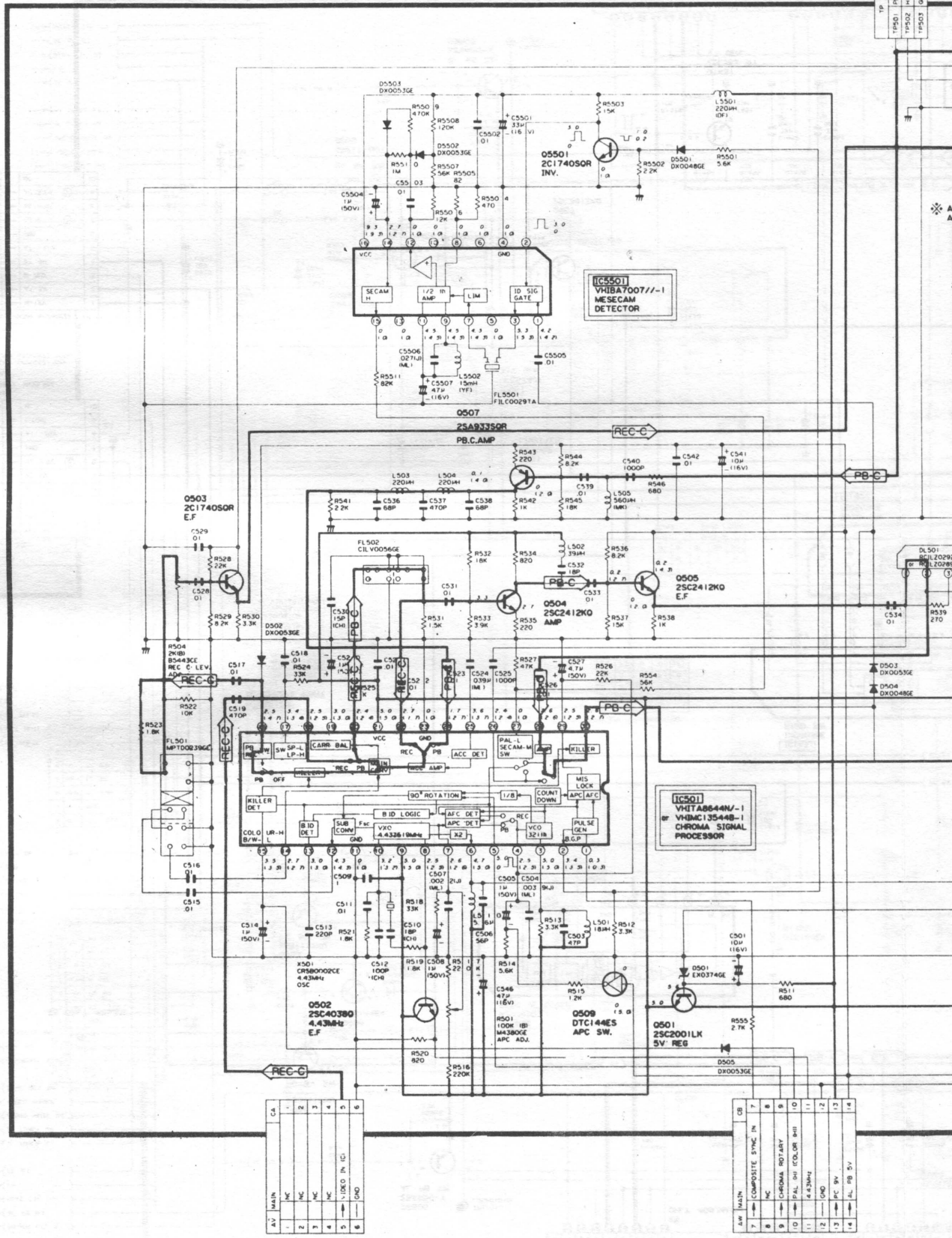




SHARP VC-A30 series

Y/C CIRCUIT (VC-A30G(BR), A30GM(BR), A30SV(BR))

Y/C-SCHALTUNG



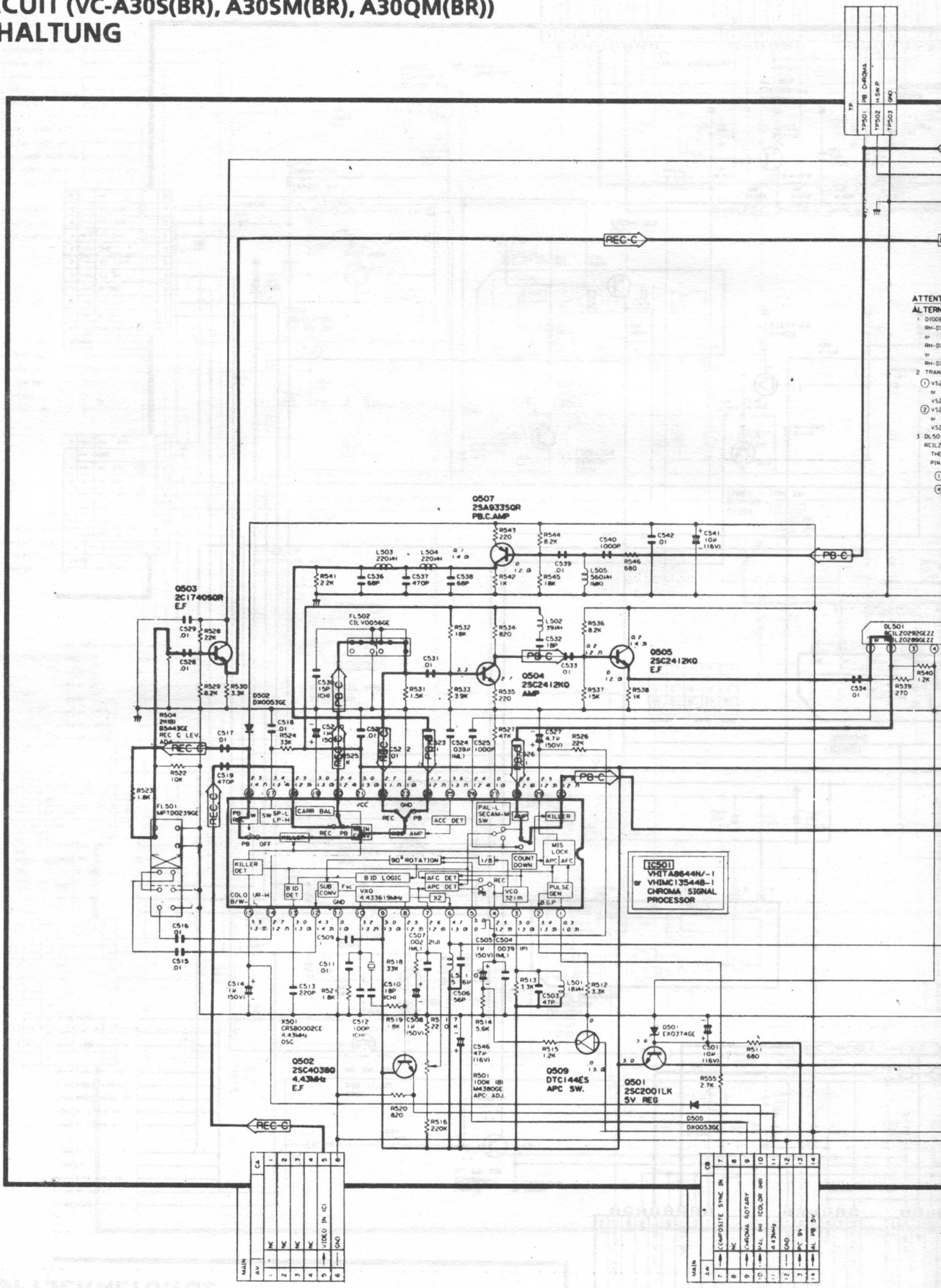
AV MAIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Y	C	Y	C	Y	C	Y	C	Y	C	Y	C	Y	C	Y

AV MAIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	COMPOSITE SYNC IN	REC	CHROMA ROTARY	PAL OR COLOR SW	4.43MHz	GND	REC SW	AV	AV	AV	AV	AV	AV	AV	AV

СХЕМАТИЧЕСКАЯ ДИАГРАММА (Y/C) (VC-A30G(BR), A30GM(BR), A30SV(BR))

MAIN CIRCUITZ (VC A30S(BR), A30G(BR), A30QM(BR))
 HAUPTSCHALTUNG 2

Y/C CIRCUIT (VC-A30S(BR), A30SM(BR), A30QM(BR)) Y/C-SCHALTUNG

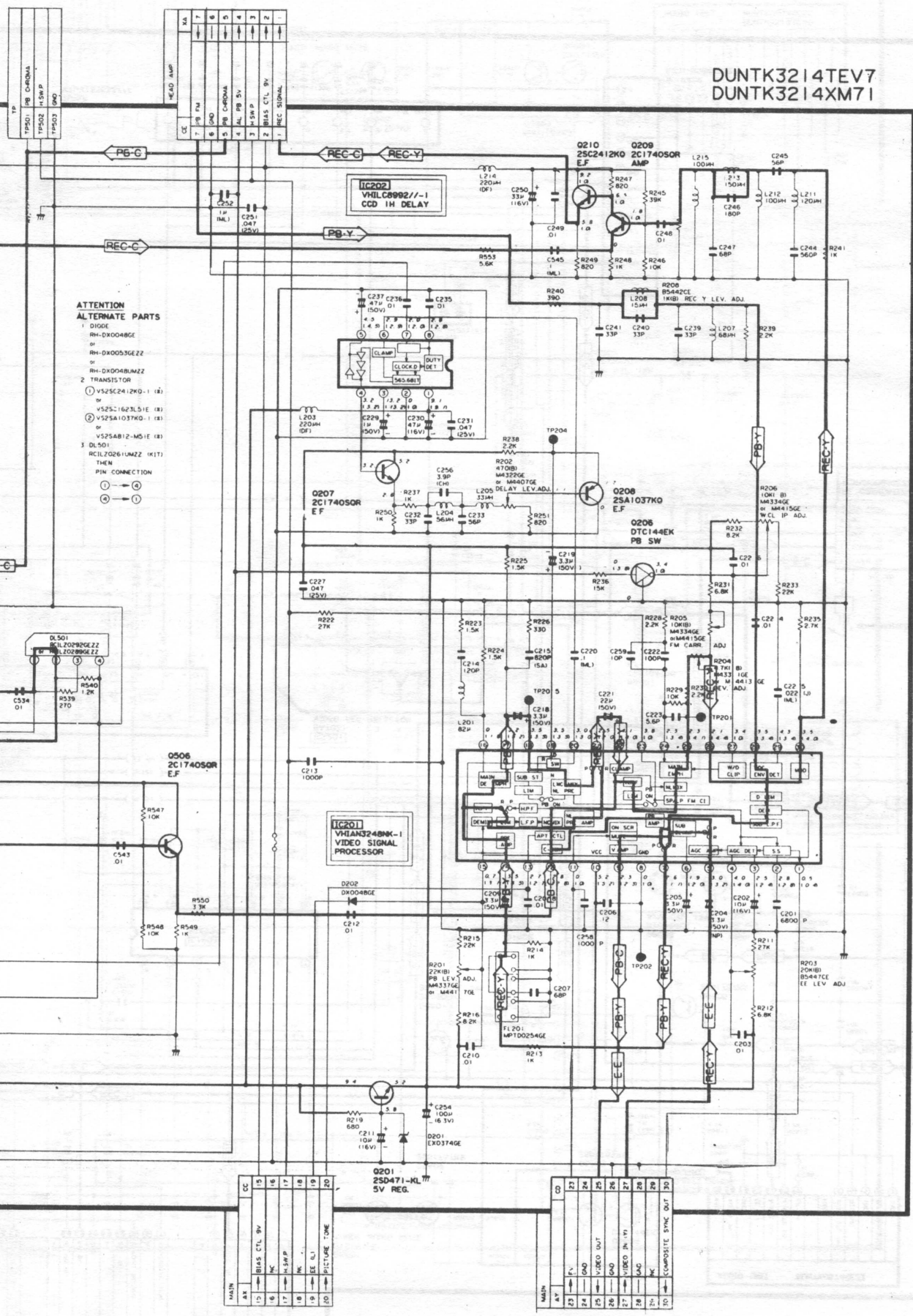


ATTENT
 ALTERN
 DI006
 RH-D
 RH-D
 RH-D
 2 TRAN
 ① V52
 V52
 ② V52
 V52
 3 DL50
 RCL
 THE
 PIN
 ①
 ②

HAUPTSCHALTUNG 2
 MAIN CIRCUITZ (VC A30S(BR))

SHARP LC-V30 261162

DUNT3214TEV7
DUNT3214XM71



- ATTENTION**
ALTERNATE PARTS
- 1 DIODE
 - RH-DX0048GE
 - or
 - RH-DX0035GEZ2
 - RH-DX0048UMZZ
 - 2 TRANSISTOR
 - ① V525C2412K0-1 (R)
 - or
 - V5251G23L5E (R)
 - ② V525A1037K0-1 (R)
 - or
 - V525A812-M5E (R)
 - 3 D.501
 - RC1L7Q261UMZ2 (M17)
- THEN
PIN CONNECTION
- ① → ④
 - ② → ①

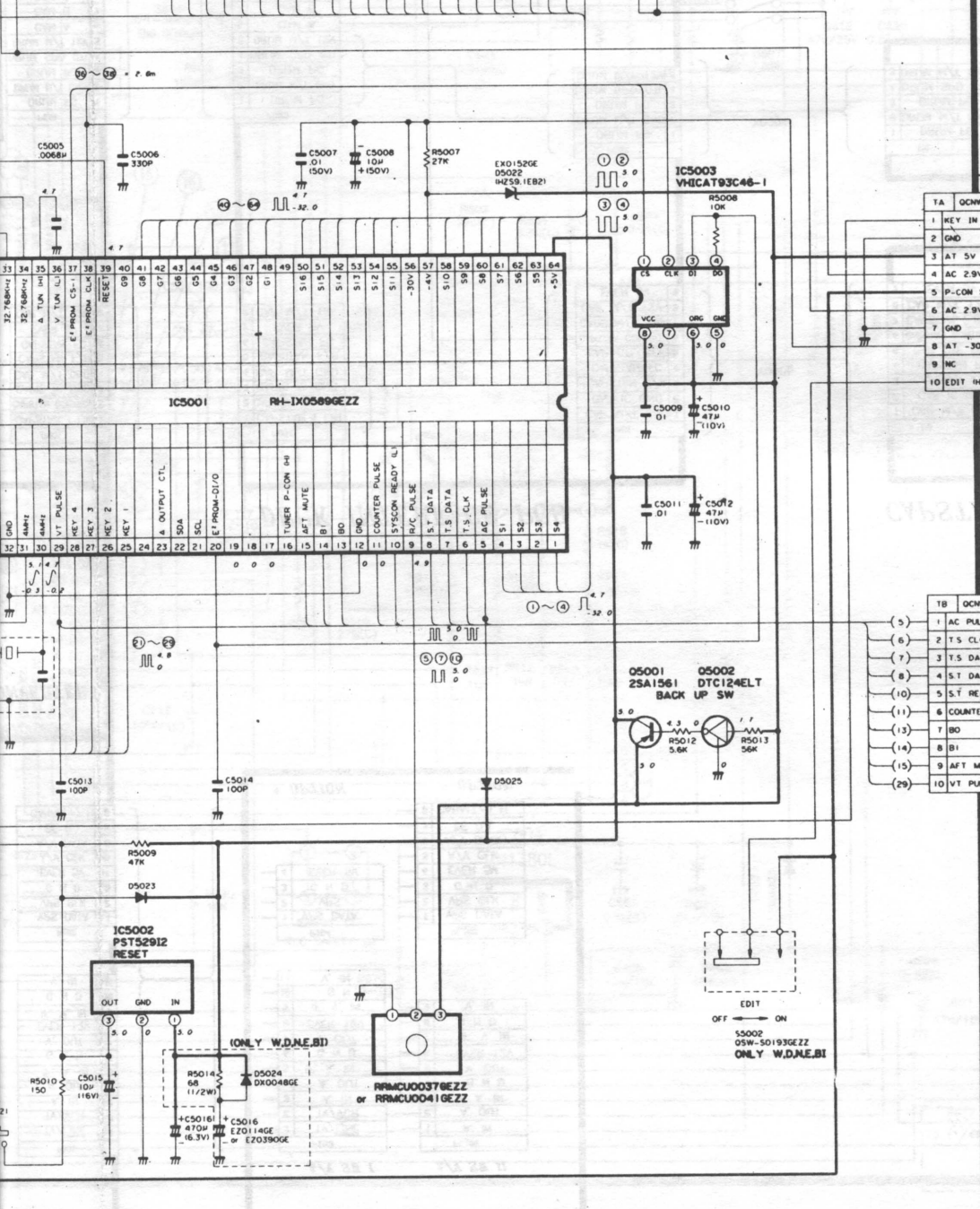
MAIN	AR	15	BIAS CTL. 9V
	16	16	NC
	17	17	H SWP
	18	18	NC
	19	19	EE (U)
	20	20	PICTURE TIME

MAIN	47	21	FM
	22	22	FM
	23	23	VIDEO OUT
	24	24	VIDEO IN (V)
	25	25	VIDEO IN (V)
	26	26	VIDEO IN (V)
	27	27	VIDEO IN (V)
	28	28	VIDEO IN (V)
	29	29	VIDEO IN (V)
	30	30	COMPOSITE SYNC OUT

SPLPEP VCR SIMUL VPS Pr
 T. START AM
 D. PM
 W.STOP
 TIMER 1 2 3 4 5 6 7 8 S M MESECAM PAL

DC5001
 VVK8B195GK/-1
 VVK8B195GK/-1 (ONLY D.E.BP.BI)

F	N	N	N	N	N	N	N	N	N	N	G	G	G	G	G	G	G	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N	N	N	N	N	N	F	F				
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38														



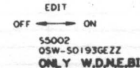
MAIN PWB

TA	OCNW-6426GEZZ	3	AF
1	KEY IN	→	1
2	GND	→	2
3	AT 5V	→	3
4	AC 2.9V ①	→	4
5	P-CON 5V	→	5
6	AC 2.9V ②	→	6
7	GND	→	7
8	AT -30V	→	8
9	NC	→	9
10	EDIT IN	→	10

③
 ④ = ONLY N.D.W.BI
 ⑤
 ⑥
 ⑦
 ⑧
 ⑨
 ⑩
 OCNW-6426GEZZ
 ONLY N.D.W.BI

MAIN PWB

TB	OCNW-6426GEZZ	AD
(3)	1 AC PULSE	→ 1
(6)	2 T.S. CLOCK	→ 2
(7)	3 T.S. DATA	→ 3
(8)	4 T.S. DATA	→ 4
(10)	5 T.S. READY ILI	→ 5
(11)	6 COUNTER PULSE	→ 6
(13)	7 BI	→ 7
(14)	8 BI	→ 8
(15)	9 AFT MUTE	→ 9
(29)	10 VT PULSE	→ 10



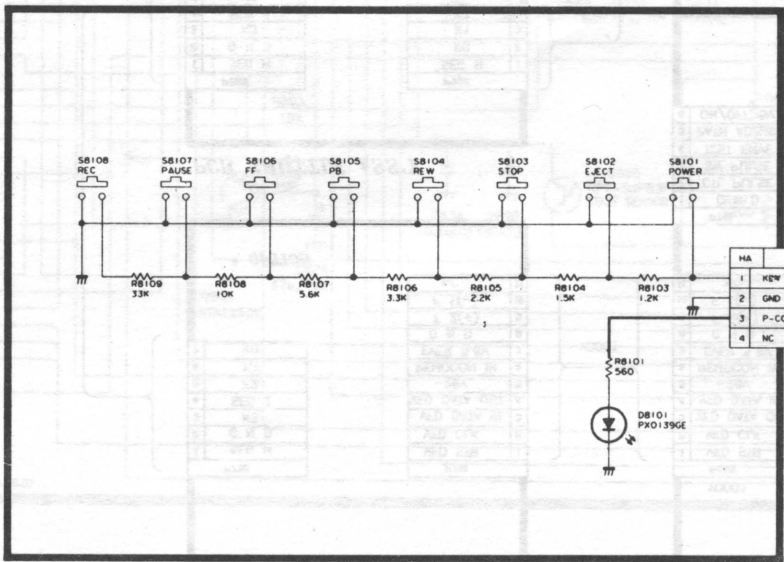
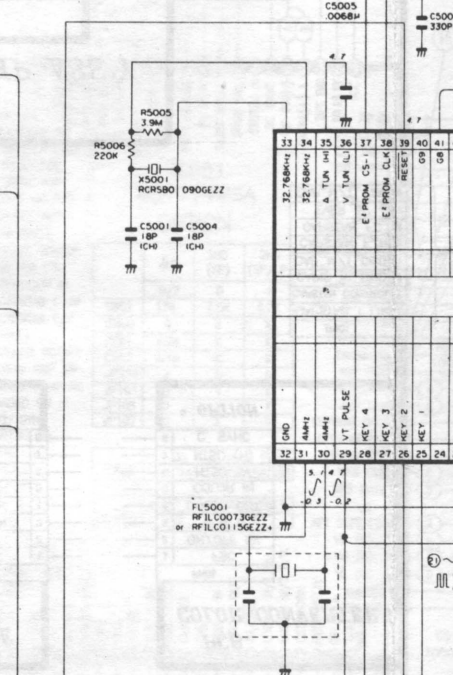
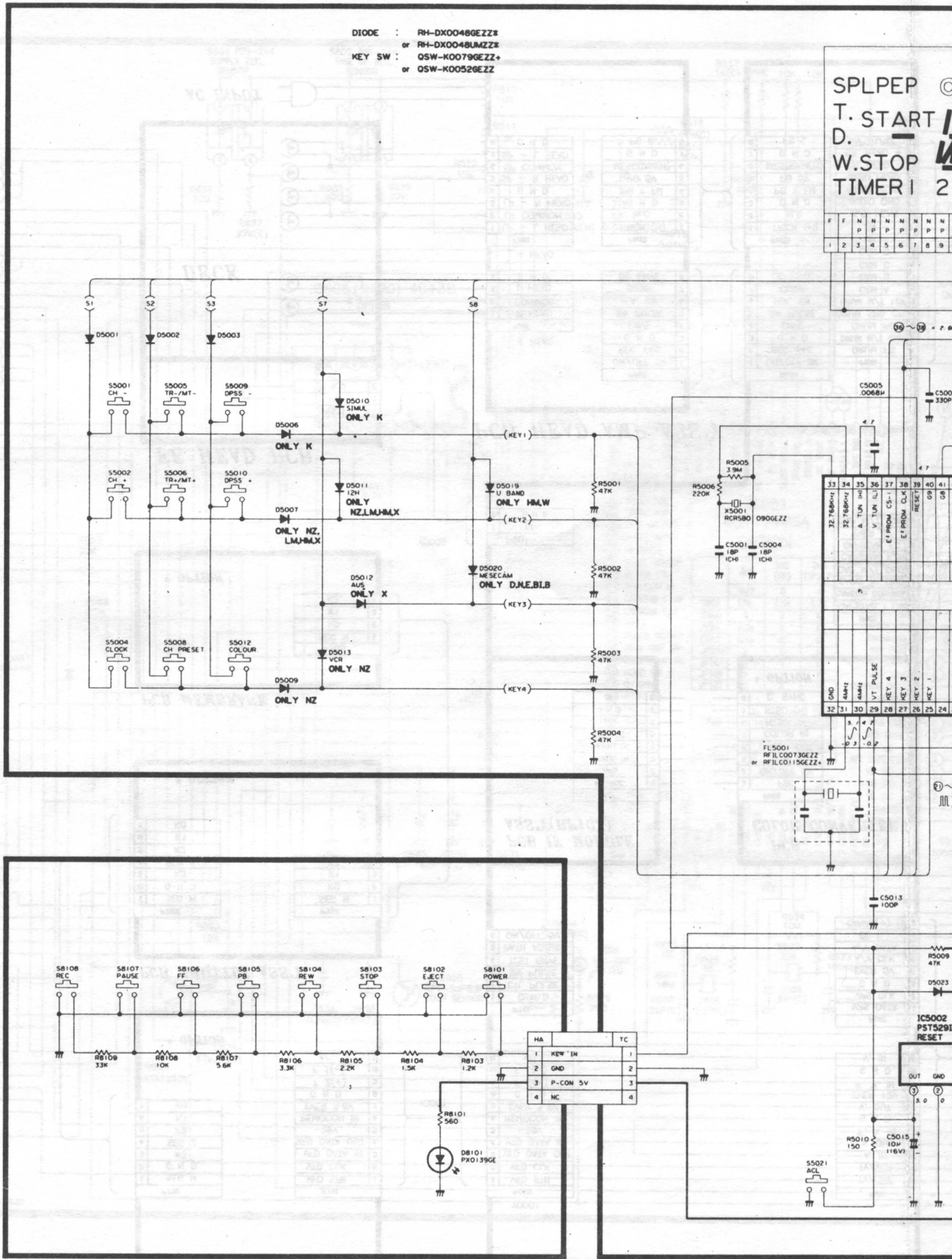
SHARP VC-A30 series

OPERATION/TIMER CIRCUIT (VC-A30S(BR), A30SM(BR), A30QM(BR)) BETRIEBS-/ZEITSCHALTUHRSCHALTUNG

DIODE : RH-DX0048GEZZ
or RH-DX0048UMZZ
KEY SW : OSW-K0079GEZZ+
or OSW-K00526GEZZ

SPLPEP
T. START
D.
W. STOP
TIMER 1 2

F	F	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20



CONNECTION DIAGRAM CIRCUIT

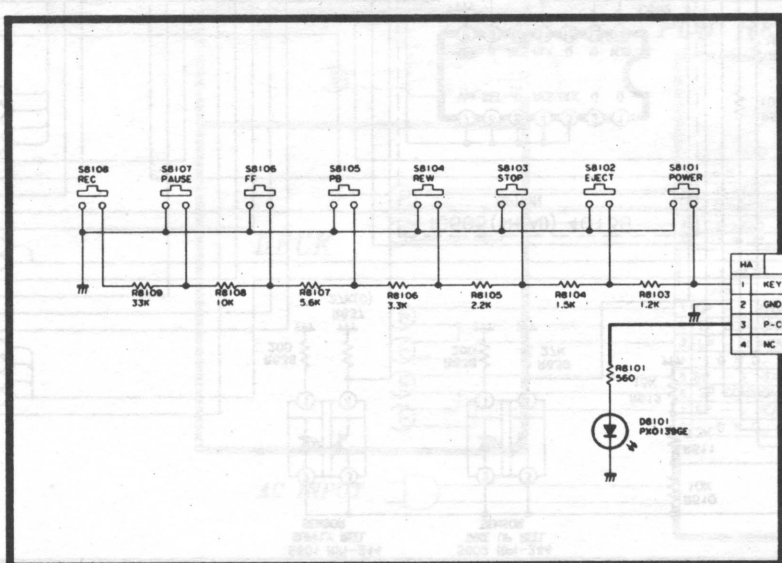
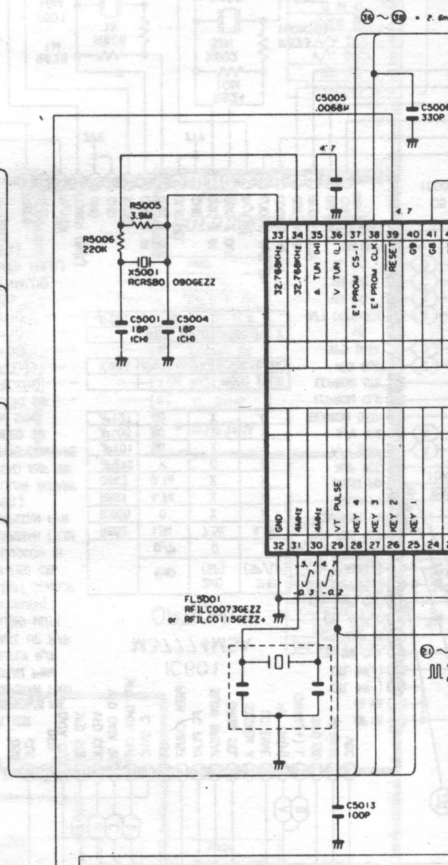
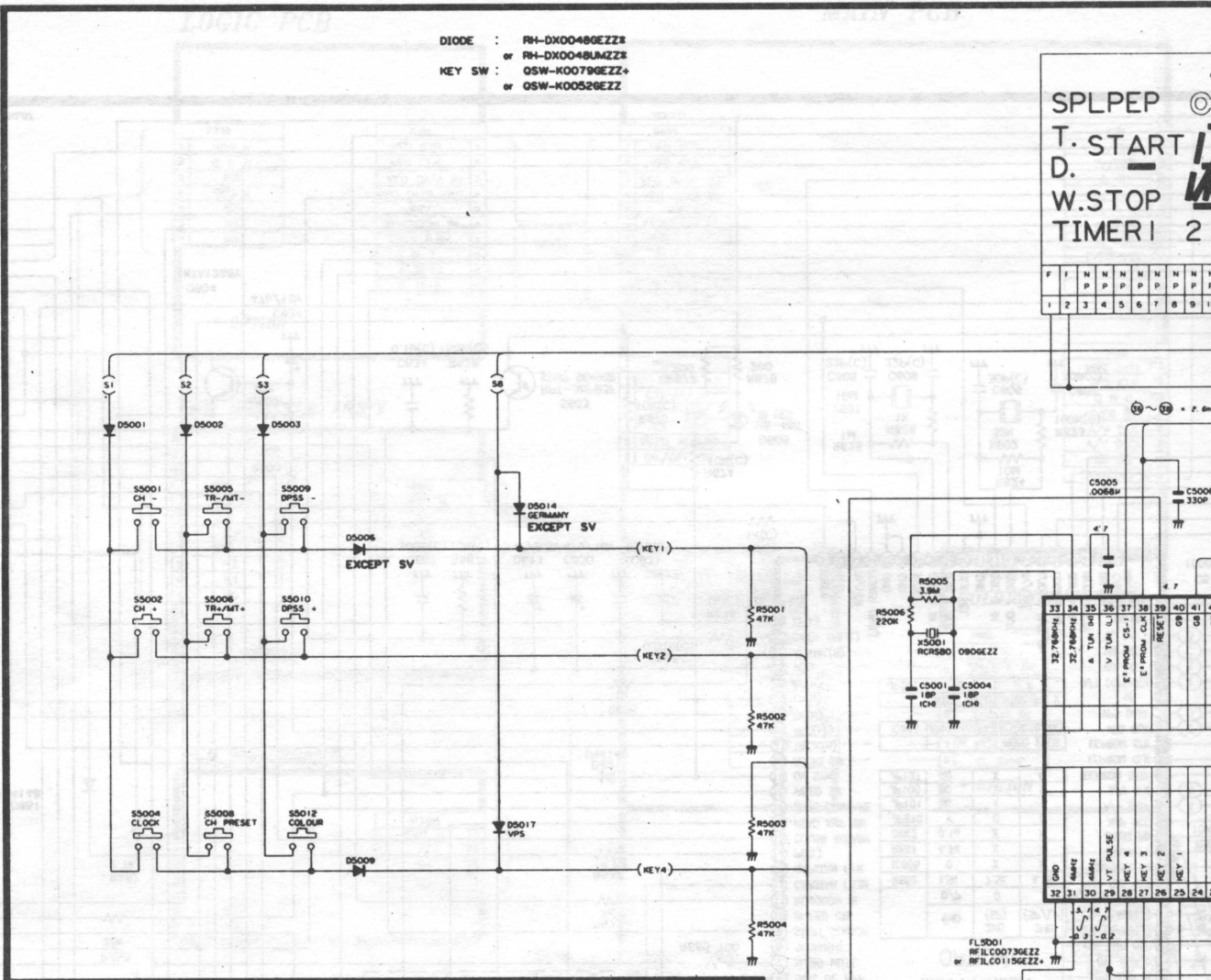
CONNECTION DIAGRAM CIRCUIT

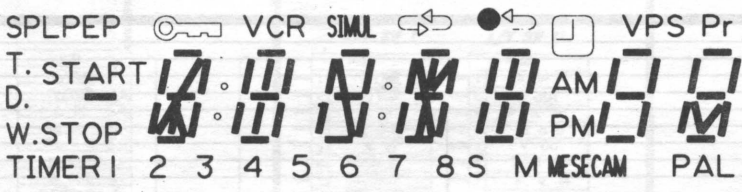
OPERATION/TIMER CIRCUIT (VC-A30G(BR), A30GM(BR), A30SV(BR))
 BETRIEBS-/ZEITSCHALTUHRSCHALTUNG

DIODE : RH-DX0048GEZZ
 or RH-DX0048UMZZZ
 KEY SW : QSW-K0079GEZZ+
 or QSW-K00526EZZ

SPLPEP
 T. START
 D. STOP
 W. STOP
 TIMER 1 2

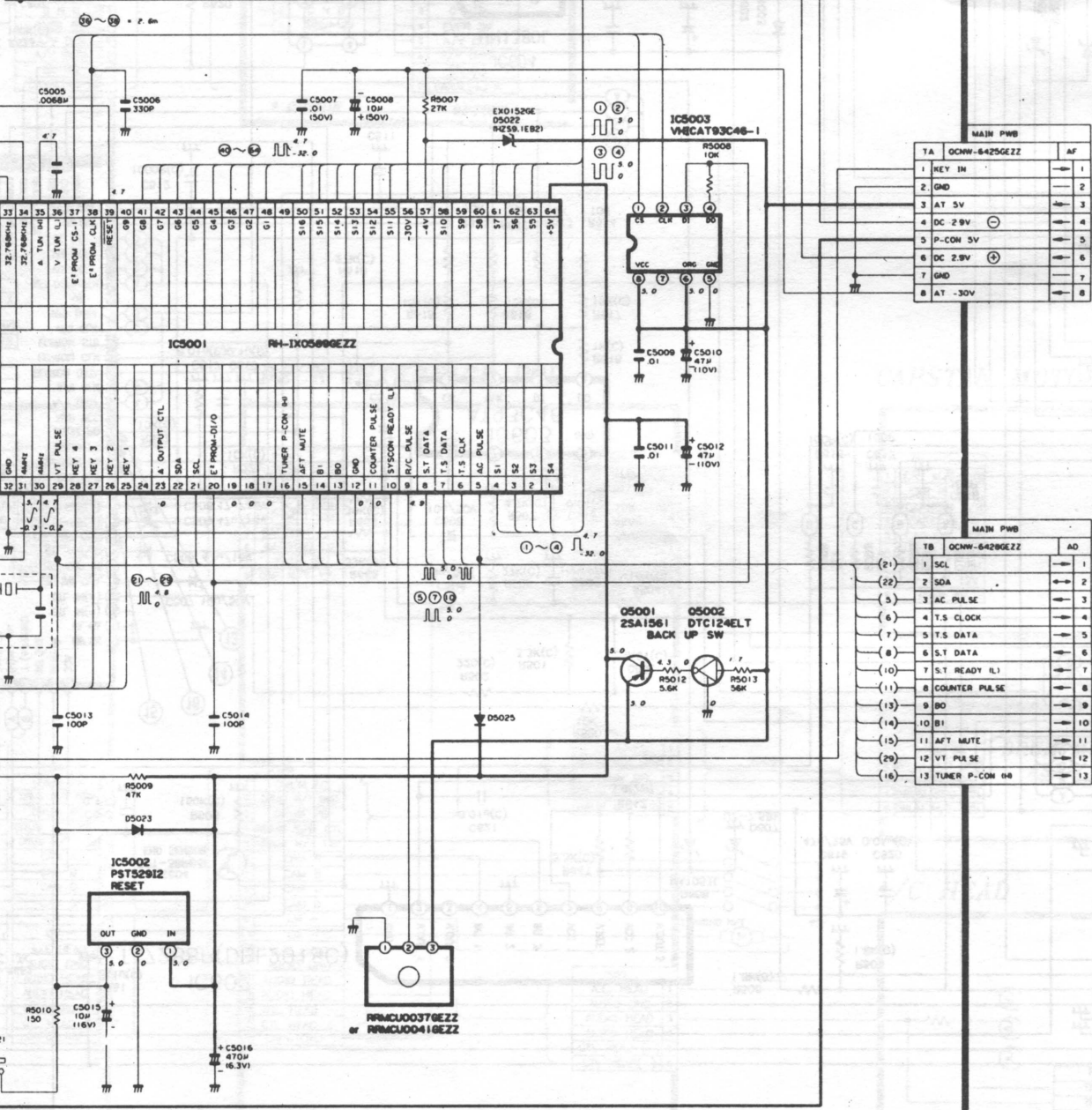
F	I	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20





D05001
VVR8T95GR/-1 (ONLY 5V)
VVR8T95GR/-1

F	N	N	N	N	N	N	N	N	N	G	G	G	G	G	G	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N	N	F				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38



MAIN PWB

TA	OCNW-6425GEZZ	AF
1	KEY IN	1
2	GND	2
3	AT 5V	3
4	DC 2.9V	4
5	P-CON 5V	5
6	DC 2.9V	6
7	GND	7
8	AT -30V	8

MAIN PWB

TB	OCNW-6429GEZZ	AD
(21)	SCL	1
(22)	SDA	2
(5)	AC PULSE	3
(6)	T.S. CLOCK	4
(7)	T.S. DATA	5
(8)	S.T. DATA	6
(10)	S.T. READY IL1	7
(11)	COUNTER PULSE	8
(13)	BO	9
(14)	BI	10
(15)	AFT MUTE	11
(29)	VT PULSE	12
(16)	TUNER P-CON 04	13