

SCHEMATIC DIAGRAM INDEX FOR MODEL: **SLV-M11HF**

(回路図リスト)

NO.	SCHEMATIC DIAGRAM (S NO)	NAME OF PWB	M11HF
1	S-0121-001-11	FRAME HARNESS	○
2	S-0121-002-11	SRV886UC	○
3	S-0121-003-11	MA-360 (1/9) PS	○
4	S-0121-003-21	MA-360 (2/9) SS	○
5	S-0121-003-31	MA-360 (3/9) TT	○
6	S-0121-003-41	MA-360 (4/9) VA	○
7	S-0121-003-51	MA-360 (5/9) HIFI	○
8	S-0121-003-61	MA-360 (6/9) TU	○
9	S-0121-003-71	MA-360 (7/9) RP	○
10	S-0121-003-81	MA-360 (8/9) ARC	○
11	S-0121-003-91	MA-360 (9/9) AV-BUS	○
11	S-0121-004-11	DRUM MOTOR(SDV-11B)	○
12	S-0121-004-21	DRUM MOTOR(DMVDMT04F)	○
13	S-0121-004-31	CAPSTAN MOTOR	○
14	S-0121-005-11	TUNER (BTF-MA431)	○
15	S-0121-006-11	FR-163	○
16	S-0121-007-11	DM-87	○
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19	S-0121-010-11	RJ-83	○
20	S-0121-011-11	ML-18	○
21	S-0121-012-11	AN-18, AN-19	○
22	S-0121-014-11	VD-29	○
23	S-0121-015-11	JK-172	○
23	S-0121-016-11	Control Switch Block	○

AN-18 MOUNT

AN-19 MOUNT

JK-172 MOUNT

VD-29 MOUNT

ACE HEAD

FE HEAD

AUDIO CH2
AUDIO CH1
SP CH2
EP CH1
SP CH1
EP CH2

SLV-M11HF ONLY
RJ-83 MOUNT

ML-18 MOUNT

LR-15 MOUNT

PD-111 MOUNT

DM-87 MOUNT

CAPSTAN MOTOR
F2&TB29

CAM MOTOR

SDV-11 B
DRUM MOTOR
or DMVDMT04F

MA-360 MOUNT

FFM-29

FFM-28

POWER BLOCK
SRV886UC

FR-163 MOUNT

ORIGINAL MODEL SLV-M11HF
DESCRIPTION FRAME HARNESS
PART NO. 8-0121-001-11

for SLV-M11HF,
SLV-M11HF

CH270 4P
1 HF ADJ
2 PS RF
3 RF SHP
4 GND

4P CH466
1 D_GND
2 LANC OUT
3 LANC IN
4 D_GV

CH105 3P
1 CTL (Y)
2 N.C.
3 CTL (X)
CHECK

B to B
1 X DB X DB
2 SO 0 SO 0
3 SI 0 SI 0
4 SCK 0 SCK 0
5 RESET RESET
B to B
1 SW-12V SW-12V
2 D_GND D_GND
3 D_GV D_GV
4 AN_GND AN_GND

LM-116
1 DBV DBV
2 27V 27V
3 SW BV SW BV
4 AV LINK VIDEO AV LINK VIDEO
5 AN_GND AN_GND
6 AV LINK L AV LINK L
7 AU_GND AU_GND
8 AV LINK R AV LINK R
9 AU_GND AU_GND
10 SYNC ON SYNC ON

CH461 31P
1 POWER-LED
2 ARC-LED
3 DMS1
4 DMS2
5 DMS3
6 DMS4
7 DMS5
8 DMS6
9 DMS7
10 DMS8
11 DMS9
12 DMS10
13 DMS11
14 DMS12
15 DMS13
16 DMS14
17 DMS15
18 DMS16
19 DMS17
20 DMS18
21 DMS19
22 DMS20
23 DMS21
24 DMS22
25 DMS23
26 DMS24
27 DMS25
28 DMS26
29 DMS27
30 DMS28
31 DMS29

CH462 15P
1 F-
2 REMOCON
3 REMOCON
4 REMOCON
5 REMOCON
6 REMOCON
7 REMOCON
8 REMOCON
9 REMOCON
10 REMOCON
11 REMOCON
12 REMOCON
13 REMOCON
14 REMOCON
15 REMOCON

CH603 15P
1 F-
2 REMOCON
3 REMOCON
4 REMOCON
5 REMOCON
6 REMOCON
7 REMOCON
8 REMOCON
9 REMOCON
10 REMOCON
11 REMOCON
12 REMOCON
13 REMOCON
14 REMOCON
15 REMOCON

CH461 31P
1 D_GND
2 AD1
3 DSV
4 AD0
5 N.C.
B to B
1 DMS 2
2 DMS 1
3 DMS 1
4 AD1
5 DSV
6 AD1/AD2
7 D_GV
8 D_GND

CH800 8P
1 PLAY
2 STOP
3 DMS
4 DMS 2
5 DMS 1
CH801 8P
1 DMS 1
2 DMS 2
3 DMS 3
4 DMS 4
5 DMS 5
6 DMS 6
7 DMS 7
8 DMS 8

CH102 3P
1 SW BV
2 CAP RVB
3 CAP FG
4 CTL-REF
5 CAP VS
6 LIMITER
7 NTR 12V
8 NTR GND
9 AN_GND

CH103 3P
1 CAM(-)
2 CAM(+)
3 CAM(+)

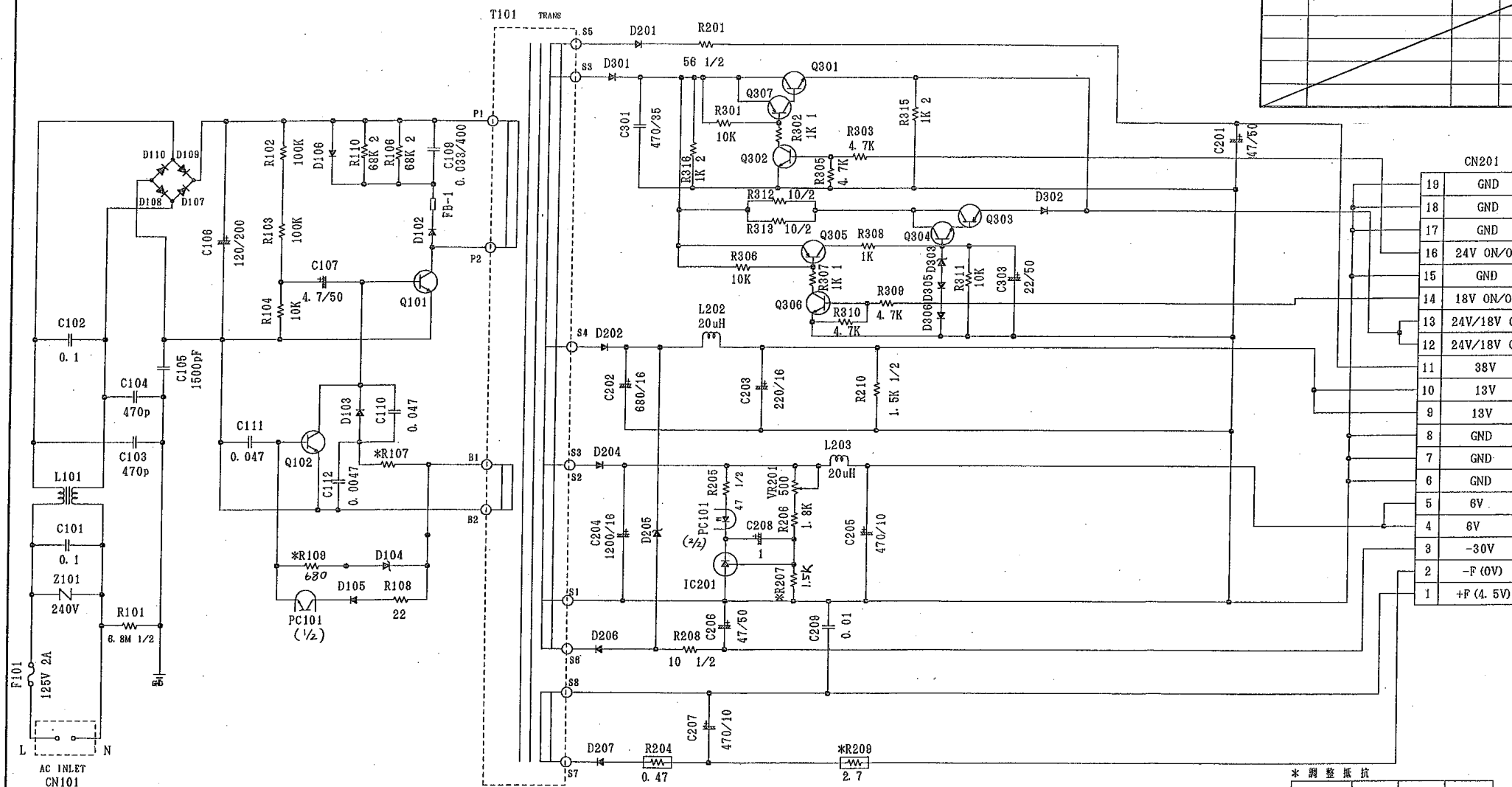
CH104 5P
1 NTR 12V
2 D VS
3 D PS
4 D PS
5 NTR GND

CH501 18P
1 D_GND
2 D_GND
3 D_GND
4 D_GND
5 D_GND
6 D_GND
7 D_GND
8 D_GND
9 D_GND
10 D_GND
11 D_GND
12 D_GND
13 D_GND
14 D_GND
15 D_GND
16 D_GND
17 D_GND
18 D_GND

CH502 8P
1 UNSH 2V
2 ST 0
3 ST 0
4 ST 0
5 ST 0
6 ST 0
7 ST 0
8 ST 0

CH503 8P
1 CTL (X)
2 CTL (Y)
3 CTL (Z)
4 CTL (W)
5 CTL (V)
6 CTL (U)
7 CTL (T)
8 CTL (S)

CH504 13P
1 EP CH2 F
2 EP CH2 F
3 EP CH2 F
4 EP CH2 F
5 EP CH2 F
6 EP CH2 F
7 EP CH2 F
8 EP CH2 F
9 EP CH2 F
10 EP CH2 F
11 EP CH2 F
12 EP CH2 F
13 EP CH2 F

[illegible]

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D102      PR1005 or AG01A
D103      ERA15-02 or 11ES2
D104      MTZJ3.0 or MA4030 or RD3.0ES
D105      1S8119 or MA165
D106      IN4005
D107, D108 IN4005
D109, D110 IN4005
Q101      2SC4054 or 2SC4130
Q102      2SC4040
PC101     ON3131 or PS2501

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D201          PR1003 or ERA18-02
D202, D301    UF3DL or RL4Z or S3L20U
D204          SB340L or RK44 or D3S4M
D205          BZX85C51 or MA2510 or RD51F
D206, 207     PR1003 or ERA18-02
IC201         AN1431T or HA17431P

D302          D2S4M
D303          MTZJ18 or MA4180
D305, D306    1SS119 or MA165
Q301, Q303    2SD2394
Q302, Q306    2SC1740
Q304          2SC2785
Q305          2SB1240
Q307          2SA1015

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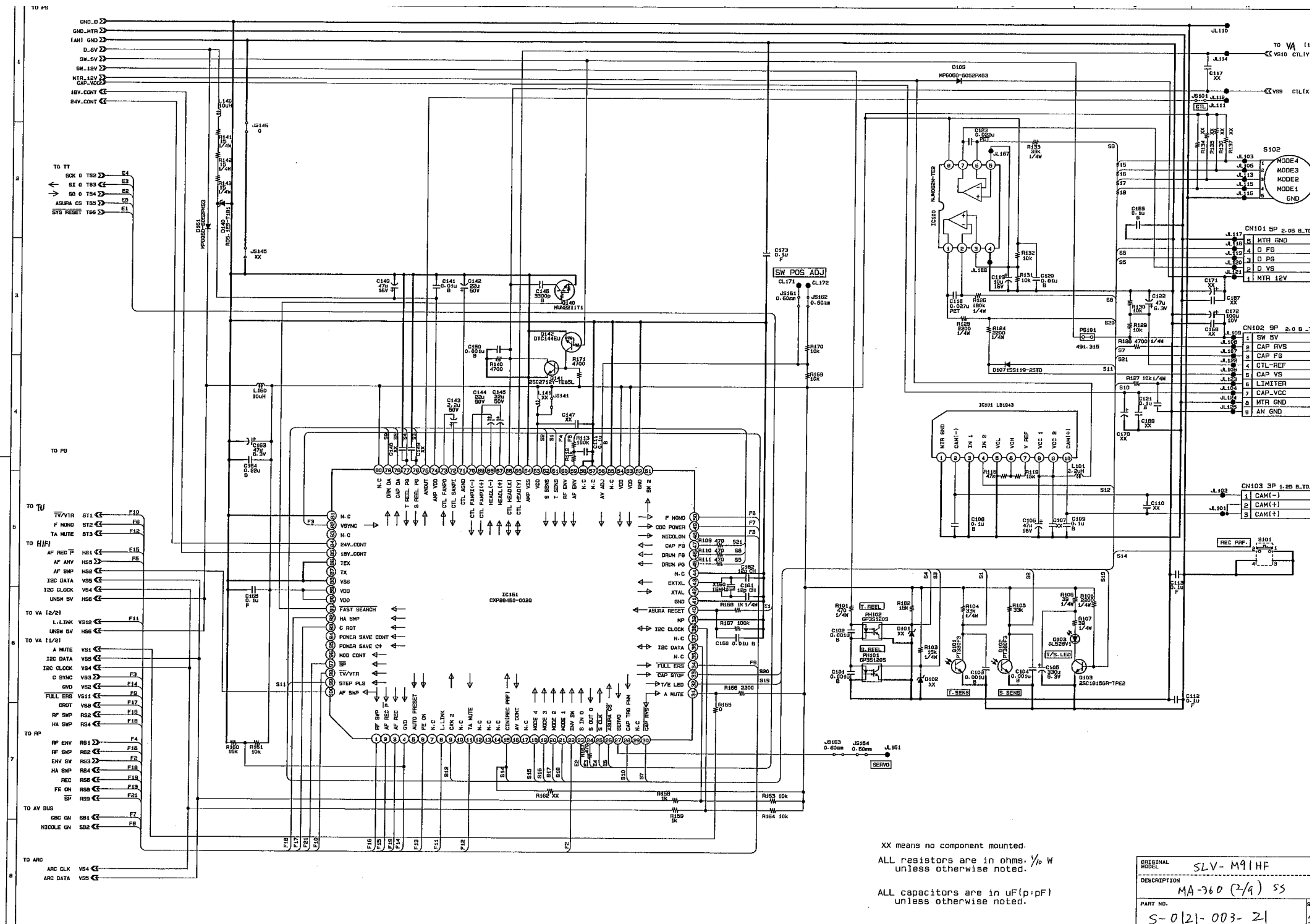
symbol	min	typ	max
*R107	100/1	120/1	120/
*R109	560	680	680
*R207	1. 2K	1. 5K	2. 2K
*R209		2. 7	

単 位	抵 抗	Ω/W (指示なきWは $1/4W$)
	コンデンサ	$\mu F/V$ (指示なきVは $50V$)

SRV886UC

DWG. No.

S-0121-002-11

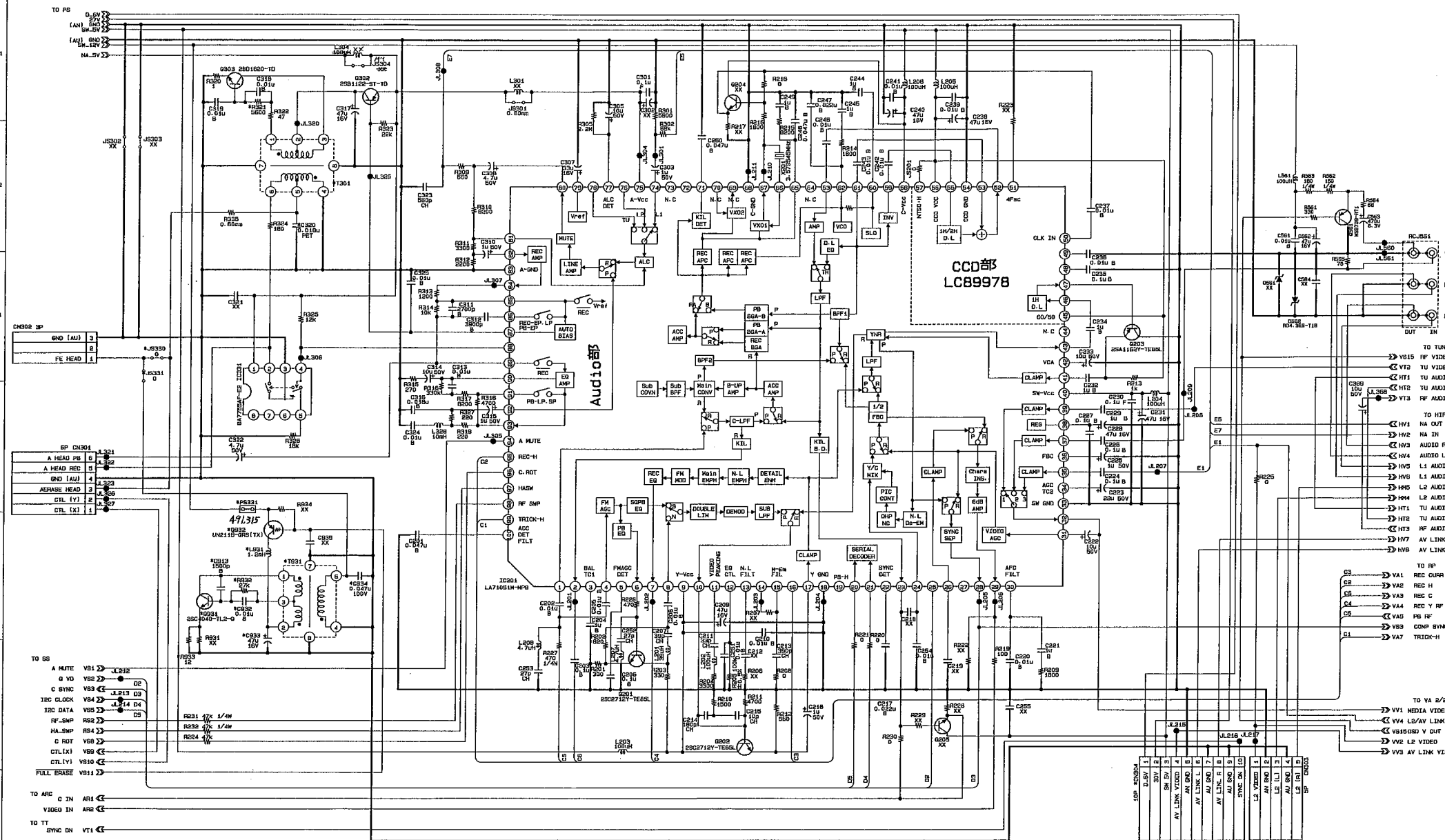


XX means no component mounted.

ALL resistors are in ohms. $\frac{1}{10}$ W unless otherwise noted.

ALL capacitors are in uF(p:pF) unless otherwise noted.

ORIGINAL MODEL	SLV-M91HF
DESCRIPTION	MA-360 (2/4) SS
PART NO.	S-0121-003-21



1998-10-14 18-02 SLV-999HF SLV-M11HF SLV-M91HF

COMPONENT	VALUE	A	B	C
C300	0.010u 100V	0.010u 100V	0.047u 50V	0.010u 100V
C313	1000p 50V	1000p 50V	XX	1000p 50V
C322	0.01u 50V	0.01u 50V	XX	0.01u 50V
C333	47u 50V	47u 50V	XX	47u 50V
C334	0.047u 100V	0.047u 100V	XX	0.047u 100V
CN304	10P 125078711	XX	XX	10P 125078711
J3302	121625071	XX	121625071	XX
J3301	121625071	121625071	XX	121625071

1998-10-14 18-02 SLV-999HF SLV-M11HF SLV-M91HF

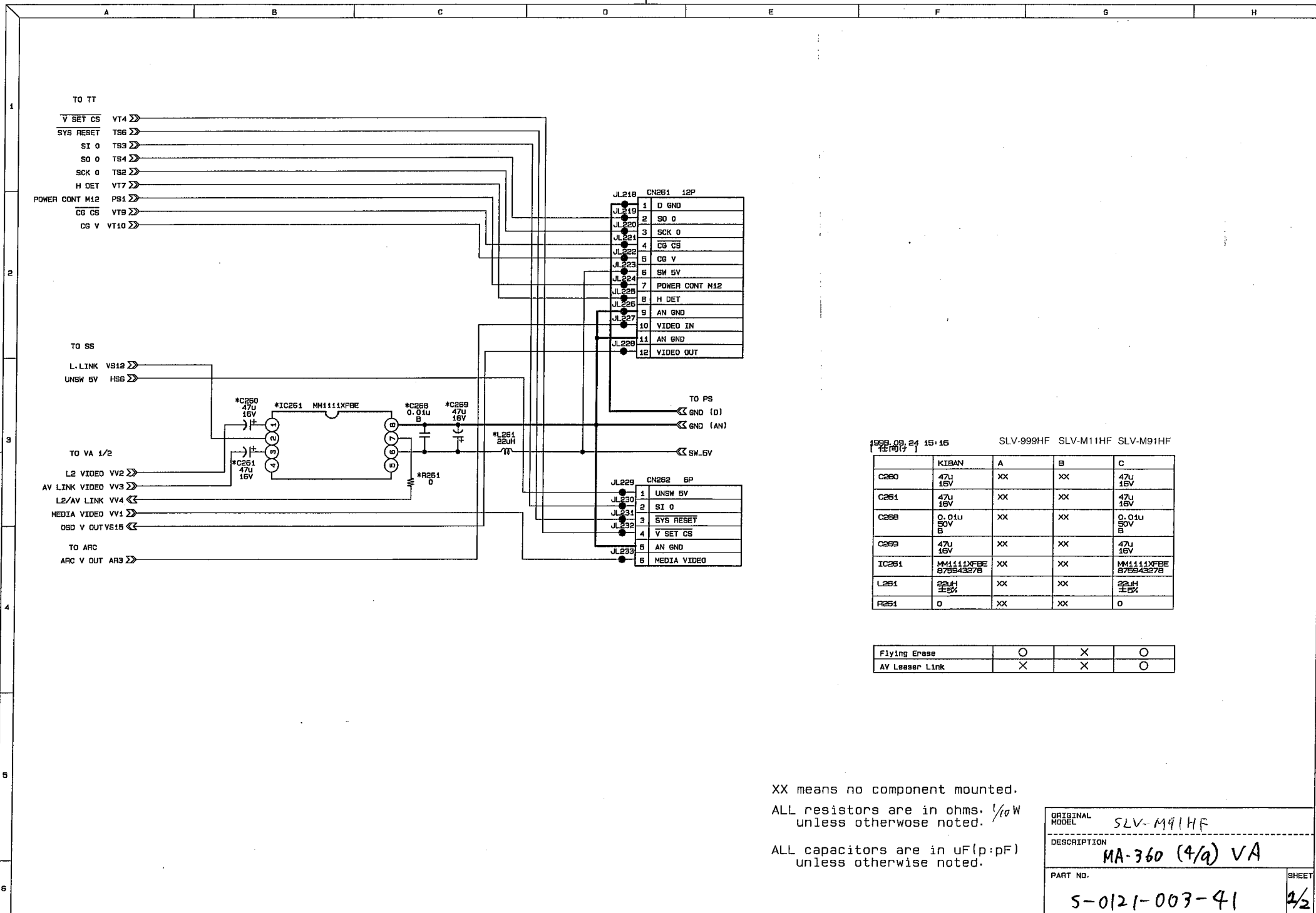
COMPONENT	VALUE	A	B	C
L331	1.0mH 3A 10A	1.0mH 3A 10A	XX	1.0mH 3A 10A
R3301	491.315	XX	XX	491.315
Q301	2SC4040-TL 875301531	XX	XX	2SC4040-TL 875301531
Q302	1N4148-CP3 875342140	XX	XX	1N4148-CP3 875342140
R225	0	0	XX	0
R221	5600	5600	3500	5600
R222	27k	27k	XX	27k
R223	12	12	XX	12
T301	143363811	143363811	143347911	143363811
T301	143363711	143363711	XX	143363711

XX means no component mounted.

ALL resistors are in ohms, $\frac{1}{10}$ W unless otherwise noted.

ALL capacitors are in uF(p:F) unless otherwise noted.

ORIGINAL MODEL SLV-M91HF
DESCRIPTION MA-360 (9/9) VA
PART NO. S-0121-003-41



1998-09-24 15:15
[1:1017]

SLV-999HF SLV-M11HF SLV-M91HF

	KIBAN	A	B	C
C260	47u 16V	XX	XX	47u 16V
C261	47u 16V	XX	XX	47u 16V
C268	0.01u 50V B	XX	XX	0.01u 50V B
C269	47u 16V	XX	XX	47u 16V
IC261	MM1111XFBE 875843278	XX	XX	MM1111XFBE 875843278
L261	22uH ±5%	XX	XX	22uH ±5%
R261	0	XX	XX	0

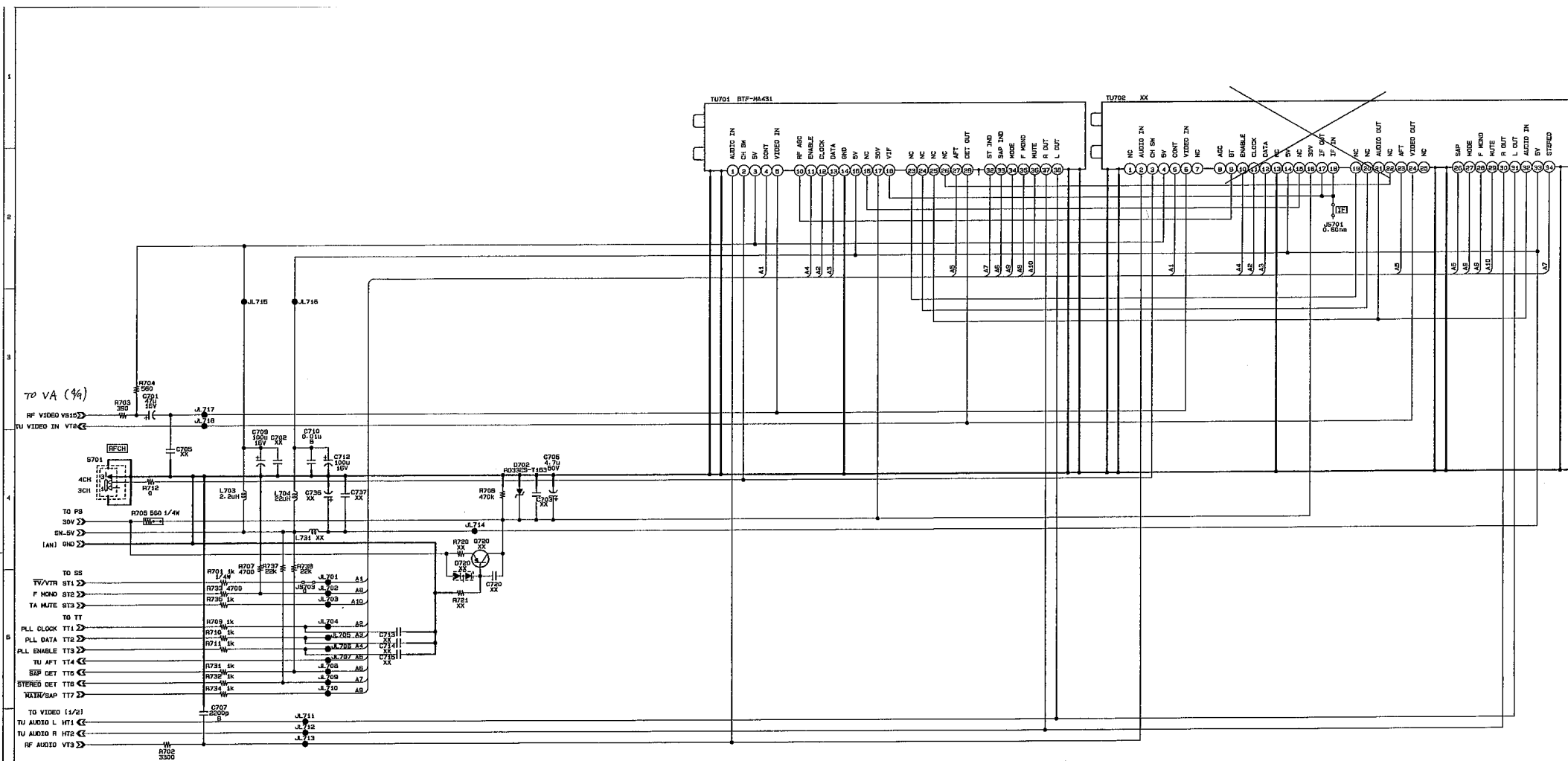
Flying Erase	○	×	○
AV Lesser Link	×	×	○

XX means no component mounted.

ALL resistors are in ohms. $\frac{1}{10}W$
unless otherwise noted.

ALL capacitors are in uF(p:pF)
unless otherwise noted.

ORIGINAL MODEL	SLV-M91HF
DESCRIPTION	MA-360 (4/a) VA
PART NO.	S-0121-003-41
SHEET	2/2



XX means no component mounted.

ALL resistors are in ohms. $\frac{1}{10}W$ unless otherwise noted.

ALL capacitors are in uF(p:pF) unless otherwise noted.

ORIGINAL MODEL	SLV-M91HF
DESCRIPTION	MA-360 (6/9) TU
PART NO.	S-0121-003-61

SLV-M91HF
SLV-M91HF
SLV-999HF

1998-06-02 11:47
[仕向]

A10

AB FE
A11 FE

	KIBAN	A	B
C262	18p 50V CH	XX	18p 50V CH
C263	18p 50V CH	XX	18p 50V CH
C830	0.01u 50V B	XX	0.01u 50V B
C831	100p 50V CH	XX	XX
C832	100p 50V CH	XX	100p 50V CH
C833	150p 50V CH	XX	150p 50V CH
C834	55p 50V CH	XX	55p 50V CH
C835	0.1u 25V F	XX	0.1u 25V F
C836	47u 16V	XX	47u 16V
C837	0.1u 25V F	XX	0.1u 25V F
L260	10uH ±5%	XX	10uH ±5%
L264	10uH ±5%	XX	10uH ±5%
L830	6.8uH ±5%	XX	6.8uH ±5%
L831	100uH ±5%	XX	100uH ±5%
Q830	2SA812-T1M 872910271	XX	2SA812-T1M 872910271
Q831	2SA812-T1M 872910271	XX	2SA812-T1M 872910271
Q832	MJN2213T1 872902489	XX	MJN2213T1 872902489
Q833	2SB1122-ST 872962209	XX	2SB1122-ST 872962209
Q834	MJN2213T1 872902489	XX	MJN2213T1 872902489
R830	27	XX	27
R831	470	XX	470
R832	1500	XX	1500
R833	82k	XX	82k
R834	47k	XX	47k
R835	39k	XX	39k
R836	3300	XX	3300
R837	10k	XX	10k

XX means no component mounted.

ALL resistors are in ohms, $\frac{1}{10}$ W
unless otherwise noted.

ALL capacitors are in uF(p:pF)
unless otherwise noted.

ORIGINAL
MODEL

SLV-M91HF

DESCRIPTION

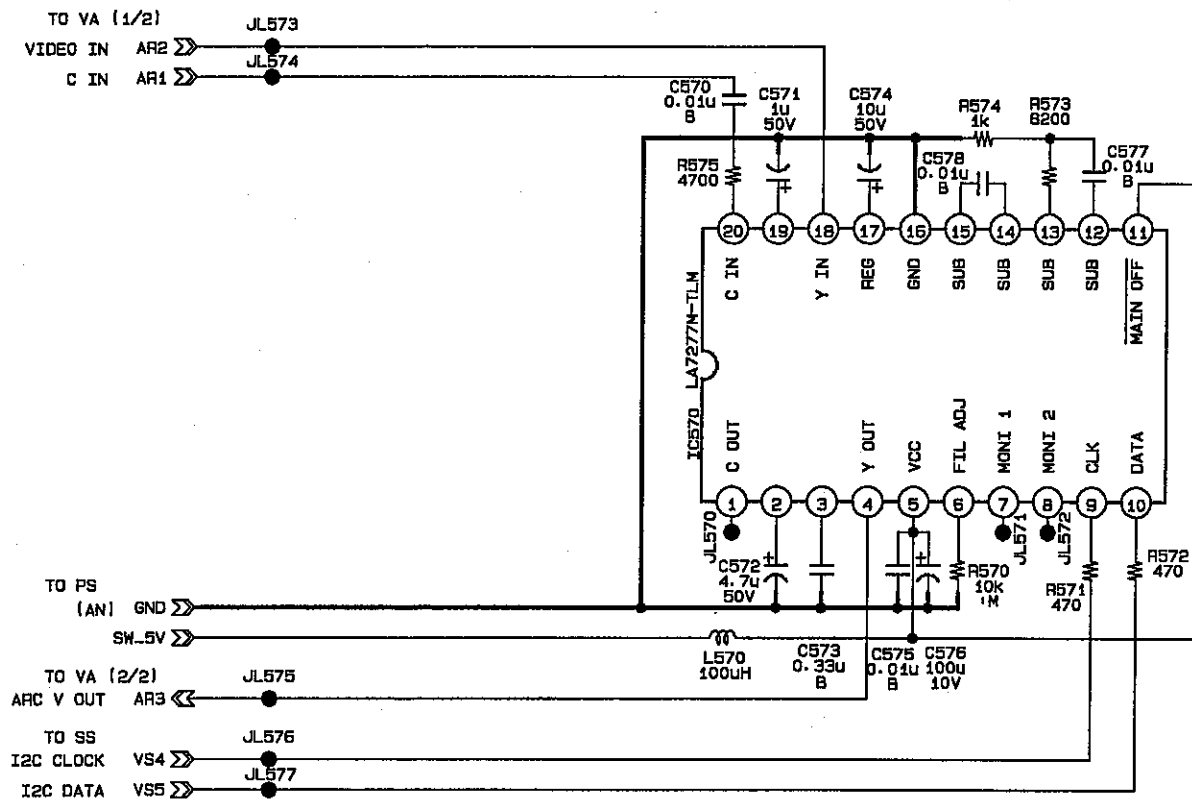
MA-360 (2/9) RP

PART NO.

S-0121-003-71

SHEET

2/2

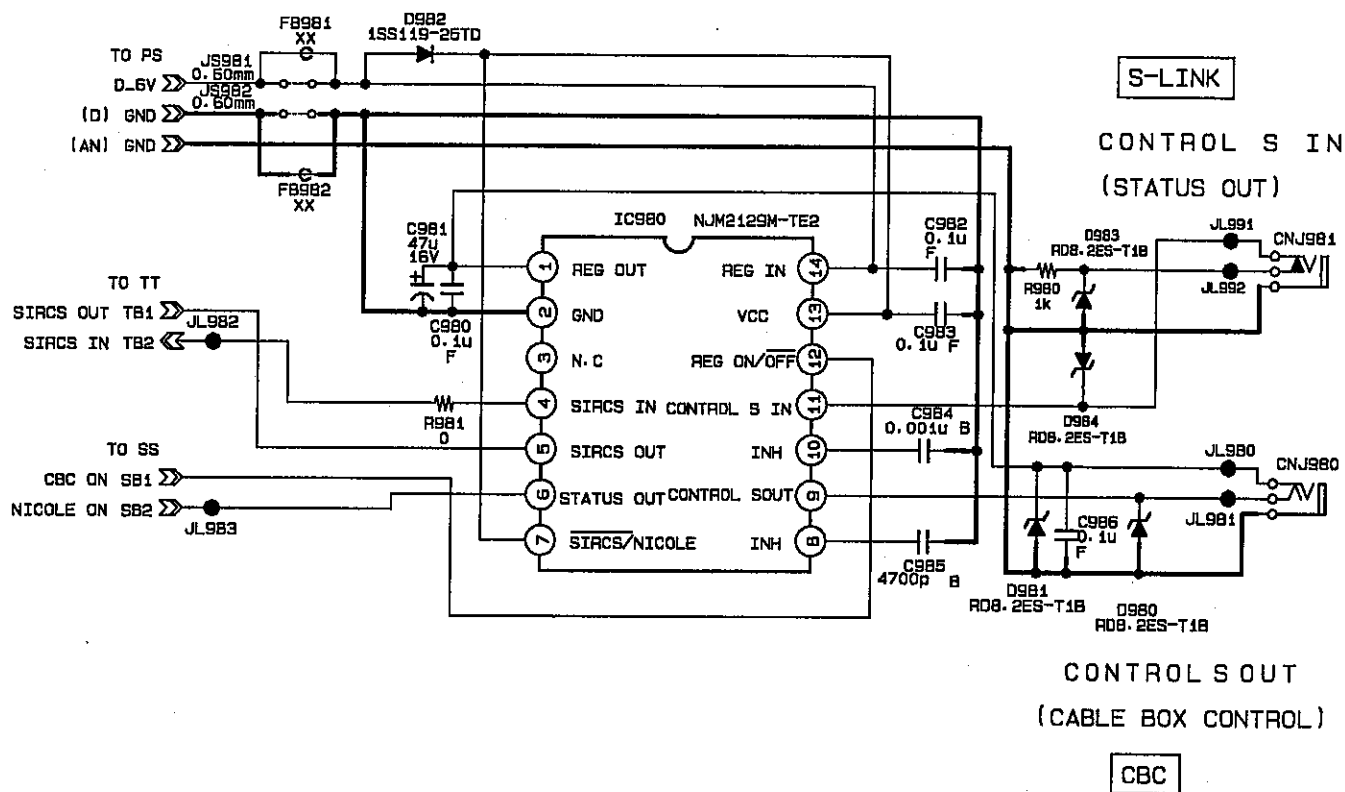


XX means no component mounted.

ALL resistors are in ohms, $\frac{1}{10}$ W unless otherwise noted.

ALL capacitors are in uF(p:pF) unless otherwise noted.

ORIGINAL MODEL	SLV-M9(HF)
DESCRIPTION	MA-360 (8/9) ARC
PART NO.	S-0121-003-81
SHEET	1/

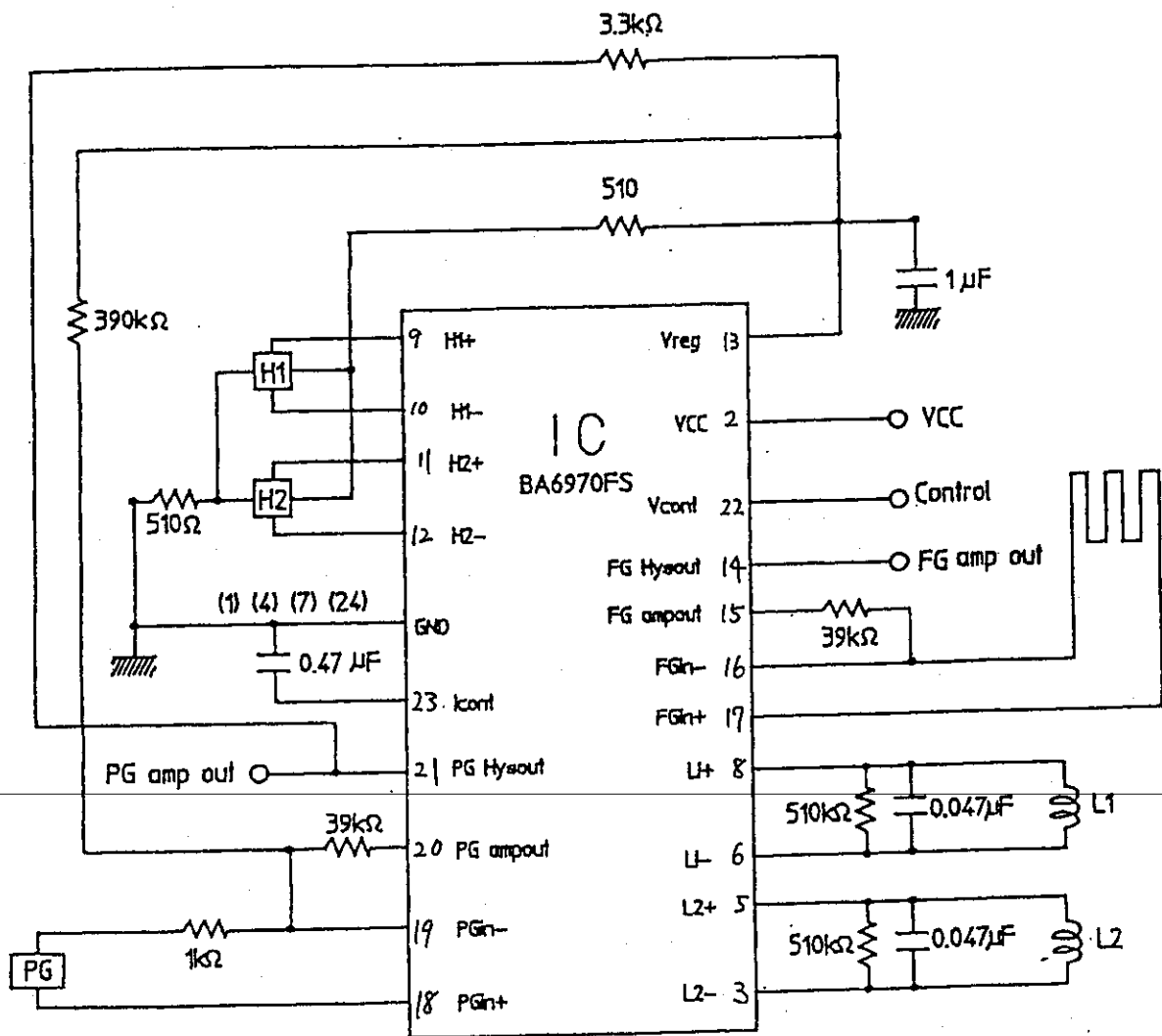


XX means no component mounted.

ALL resistors are in ohms, $\frac{1}{10}$ W unless otherwise noted.

ALL capacitors are in uF(p:pF) unless otherwise noted.

ORIGINAL MODEL	SLV-M91HF
DESCRIPTION	MA-360 (9/a) AV-BUS
PART NO.	S-0121-003-91
SHEET	1/



XX means no component mounted.

ALL resistors are in ohms, 1/10W
Unless otherwise noted.

ALL capacitors are in μF
Unless otherwise noted.

ORIGINAL MODEL	SLV-M914F
DESCRIPTION	DRUM MOTOR (DMVDMT04F)
PART NO.	S-0121-004-21

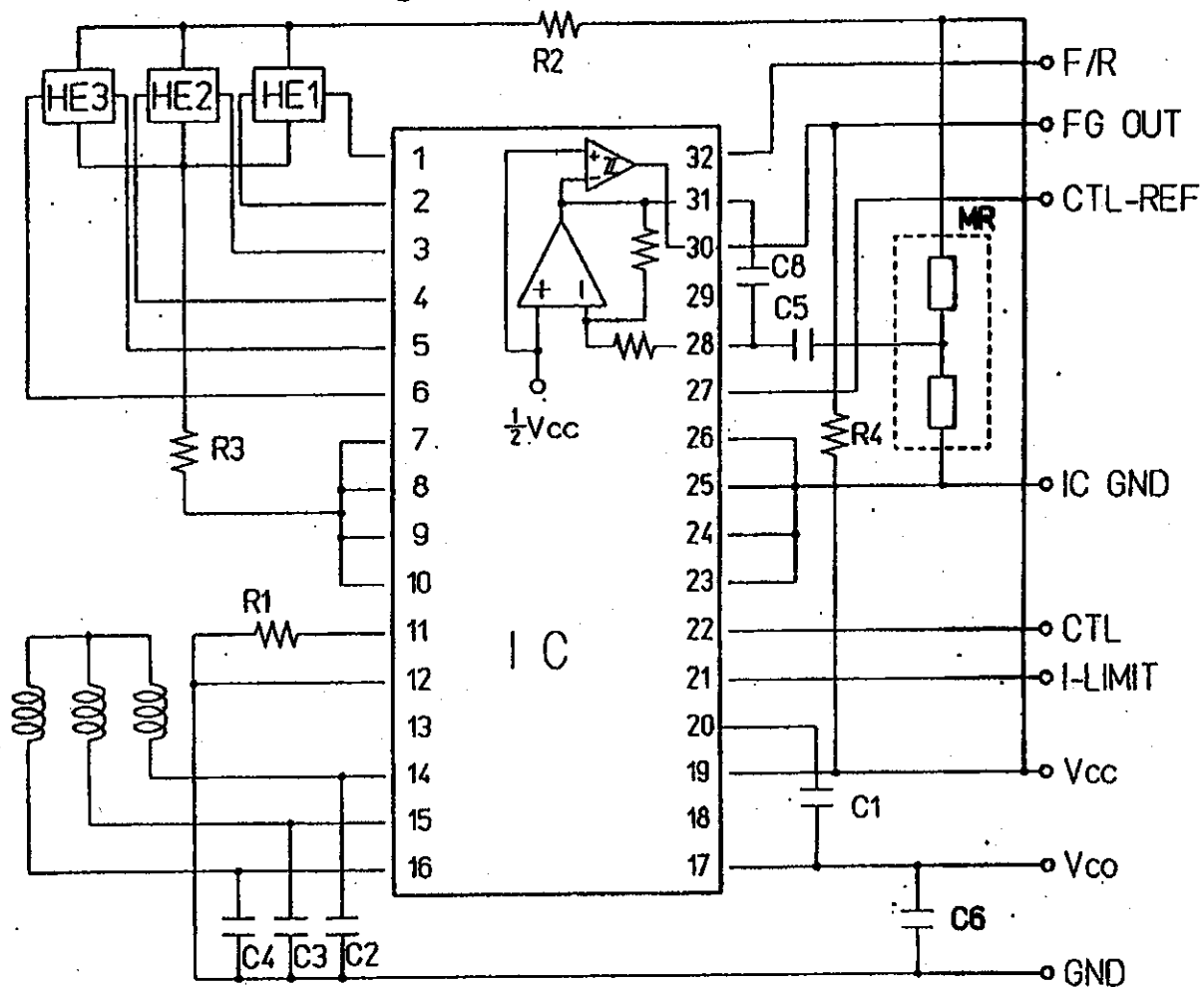
Attached sheet ③

Motor circuit diagram

50
SCALE FOR MICROFILM
0

DRAWING

SONY STANDARD



-Circuit constant-

- I C : M56746SP
- R 1 : 0.47Ω / 0.5W
- R 2 : 180Ω
- R 3 : 180Ω
- R 4 : $4.7k\Omega$
- C 1 : $0.047\mu F$ / 25V
- C 2 : $0.33\mu F$ / 25V
- C 3 : $0.33\mu F$ / 25V
- C 4 : $0.33\mu F$ / 25V
- C 5 : $1\mu F$ / 16V
- C 6 : $0.1\mu F$ / 25V
- C 8 : $220pF$ / 50V
- HE1 : HW101A
- HE2 : HW101A
- HE3 : HW101A

-Connector pin location-

No.	FUNCTION
1	V _{CC} (5V)
2	F/R
3	FG-OUT
4	CTL-REF
5	CTL
6	I-LIMIT
7	V _{CO} (12V)
8	GND
9	IC GND
10	N.C.

TITLE/DESCRIPTION

D. C. MOTOR

(E)

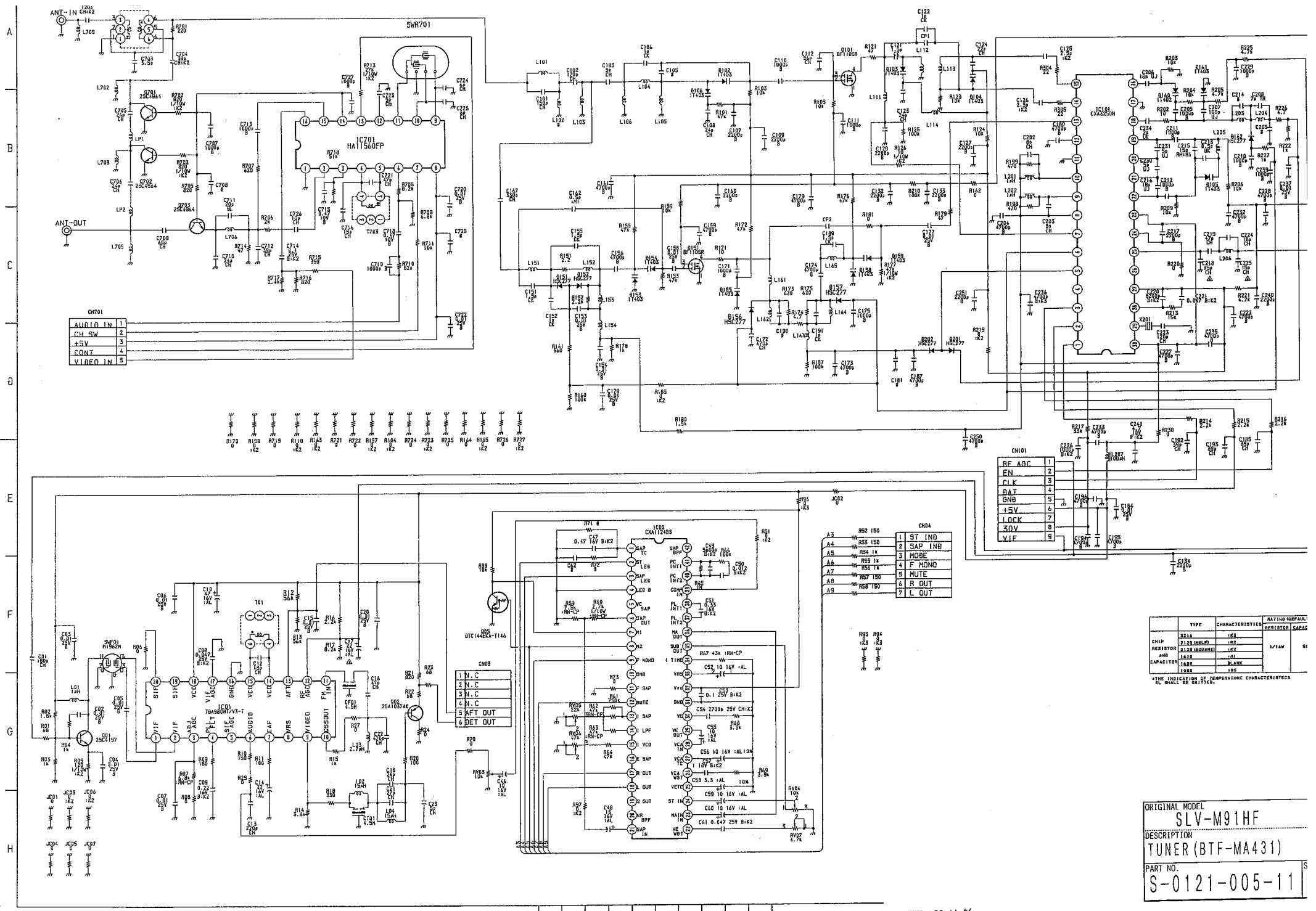
(J)

DCモータ (F2QTB29)

S-0121-004-31

BRUNNEN
STANDARD
TYPE 10

A2



CN701	
AUDIO IN	1
CH SW	2
+5V	3
CONT	4
VIDEO IN	5

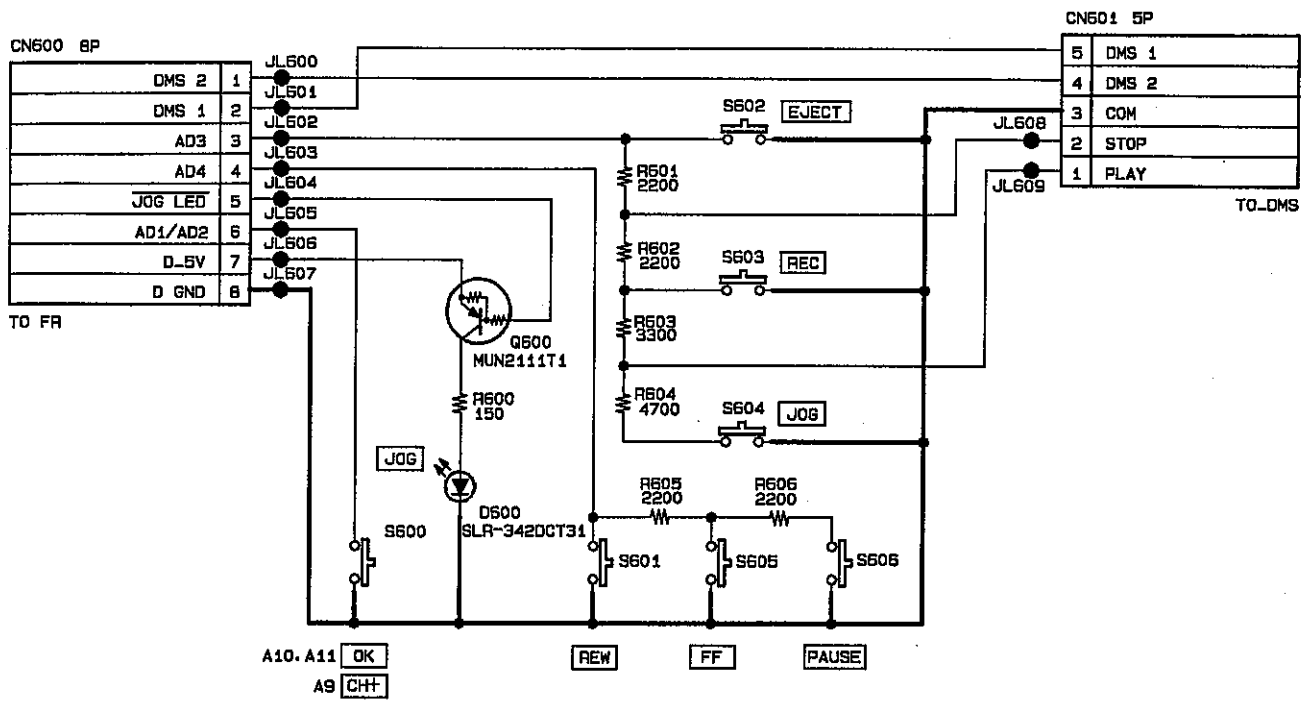
CN101	
RE AGC	1
EN	2
CLK	3
BAT	4
GND	5
+5V	6
LOCK	7
30V	8
VIF	9

CN84	
A3	R52 150
A4	R53 150
A5	R54 1k
A6	R55 1k
A7	R56 1k
A8	R57 150
A9	R58 150

CN03	
1	N.C
2	N.C
3	N.C
4	N.C
5	AFT OUT
6	BET OUT

TYPE	CHARACTERISTICS	RATING (DEFAULT)
CHIP	2216	1ES
RESISTOR	2216 (SMD)	1ES
AND	1618 (SMD)	1ES
CAPACITOR	1618	BLANK
	1618	BLANK

ORIGINAL
SLV-M91HF
DESCRIPTION
TUNER (BTF-MA431)
PART NO.
S-0121-005-11

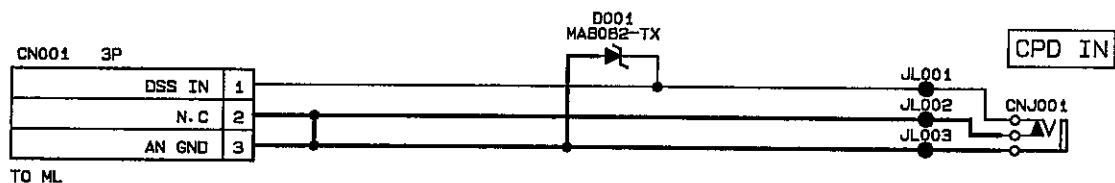


XX means no component mounted.

ALL resistors are in ohms, $\frac{1}{10}$ W
unless otherwise noted.

ALL capacitors are in uF(p:pF)
unless otherwise noted.

ORIGINAL MODEL	SLV-M91HF	
DESCRIPTION	DM-87	
PART NO.	5-0121-007-11	SHEET 1/



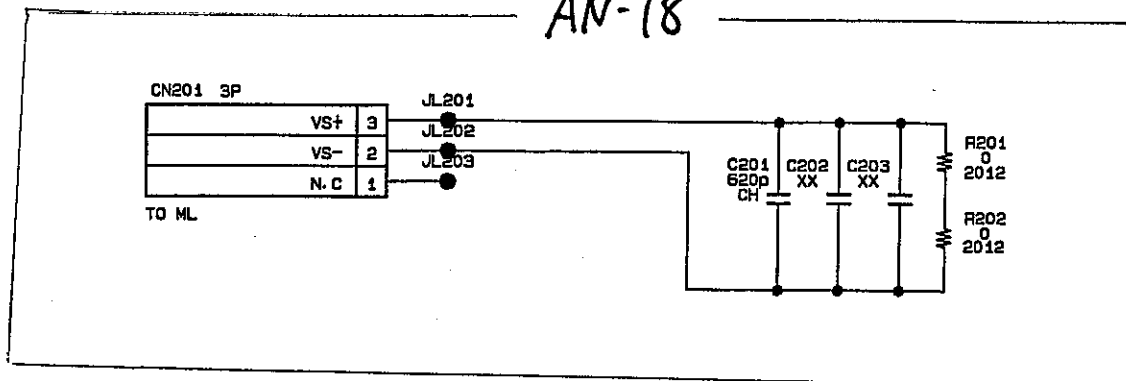
XX means no component mounted.

ALL resistors are in ohms, $\frac{1}{10}$ W
unless otherwise noted.

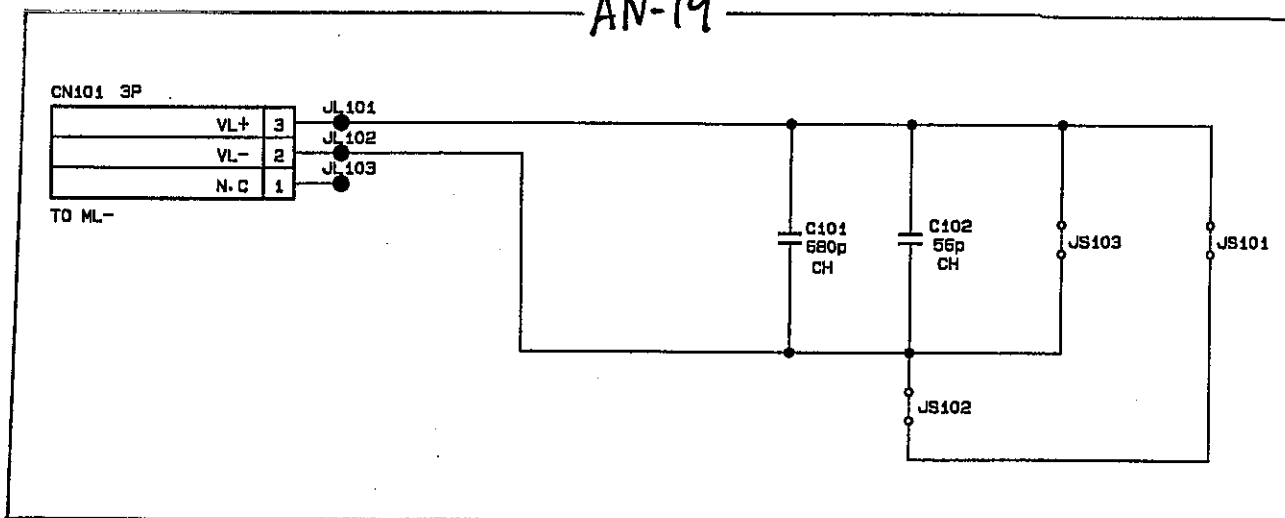
ALL capacitors are in uF(p:pF)
unless otherwise noted.

ORIGINAL MODEL	SLV-M11 HF	
DESCRIPTION	RJ-83	
PART NO.	5-0121-010-11	SHEET 1/

AN-18



AN-19

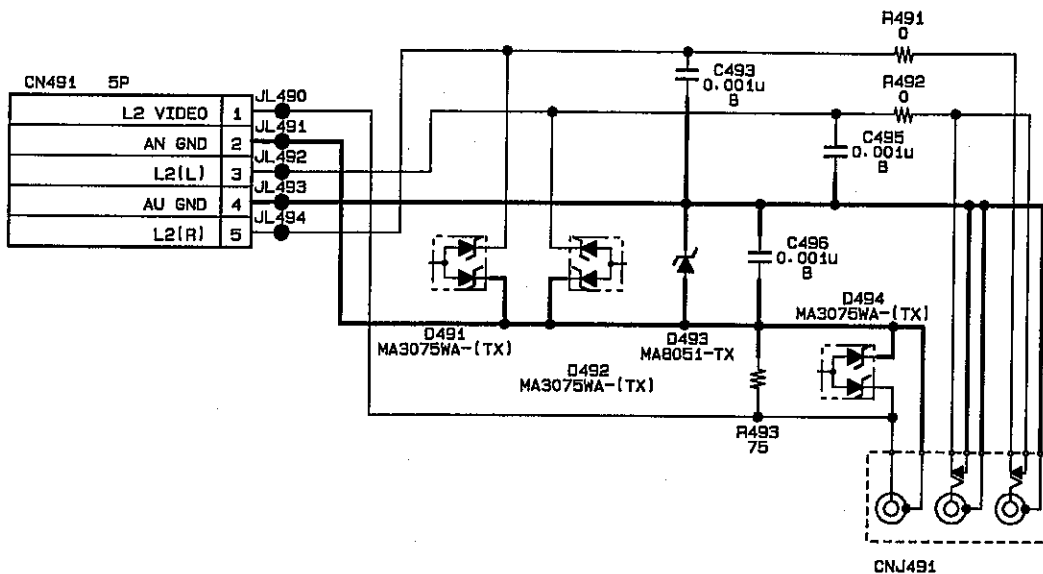


XX means no component mounted.

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ALL capacitors are in uF(p:pF) unless otherwise noted.

ORIGINAL MODEL	SLV-M91HF
DESCRIPTION	AN-18, AN-19
PART NO.	S-0121-012-11
SHEET	1/

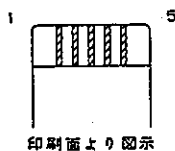


XX means no component mounted.

ALL resistors are in ohms, $\frac{1}{10}W$ unless otherwise noted.

ALL capacitors are in uF(p:pF) unless otherwise noted.

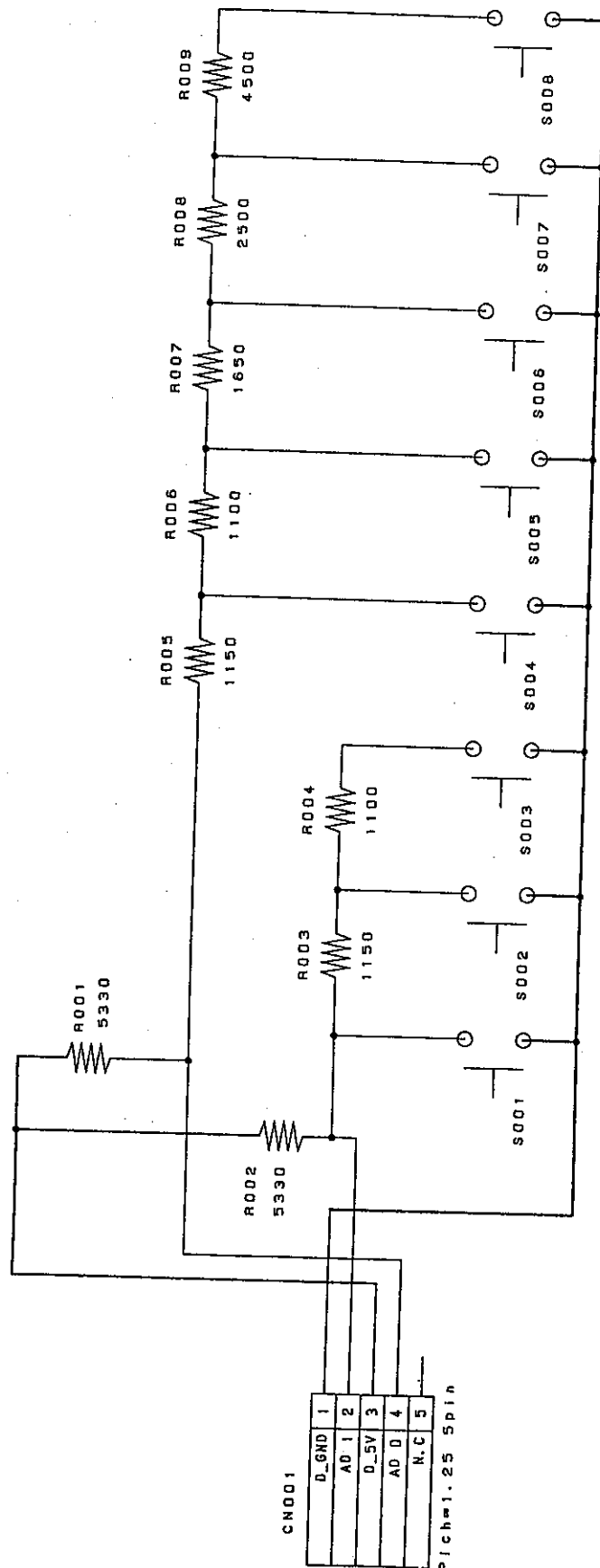
ORIGINAL MODEL	SLV-M91HF
DESCRIPTION	JK-172
PART NO.	S-0121-015-11
SHEET	1/



XX means no component mounted.

ALL resistors are in ohms. $\frac{1}{10}$ W
unless otherwise noted.

ALL capacitors are in uF(p:pF)
unless otherwise noted.



ORIGINAL MODEL	SLV-M91HF
DESCRIPTION	Control Switch BLOCK
PART NO.	S-0121-016-11
SHEET	1/