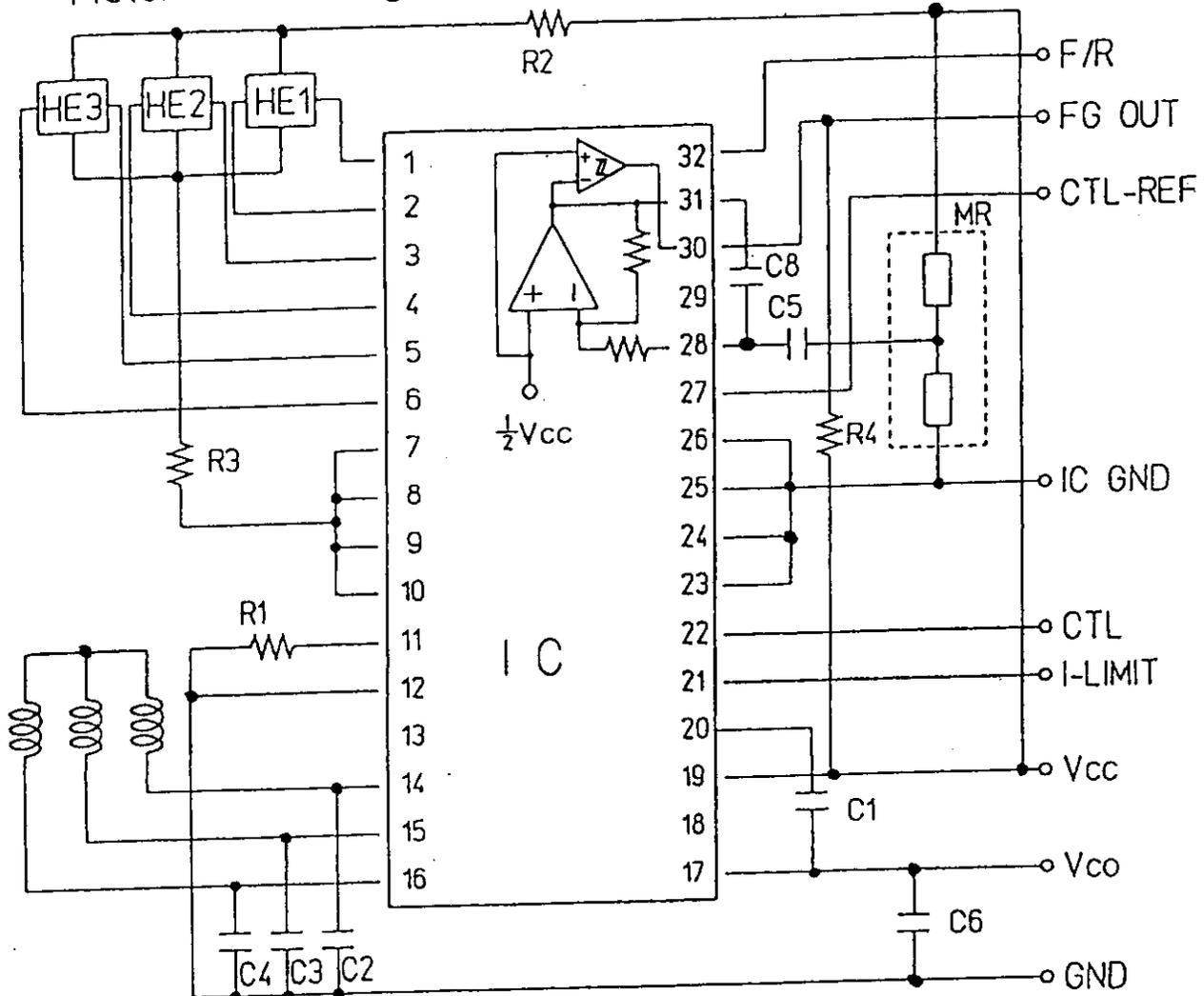


Motor circuit diagram



- Circuit constant -

- IC : M56746SP
- R 1 : 0.47Ω / 0.5W
- R 2 : 180Ω
- R 3 : 180Ω
- R 4 : 4.7kΩ
- C 1 : 0.047μF / 25V
- C 2 : 0.33μF / 25V
- C 3 : 0.33μF / 25V
- C 4 : 0.33μF / 25V
- C 5 : 1μF / 16V
- C 6 : 0.1μF / 25V
- C 8 : 220pF / 50V
- HE1 : HW101A
- HE2 : HW101A
- HE3 : HW101A

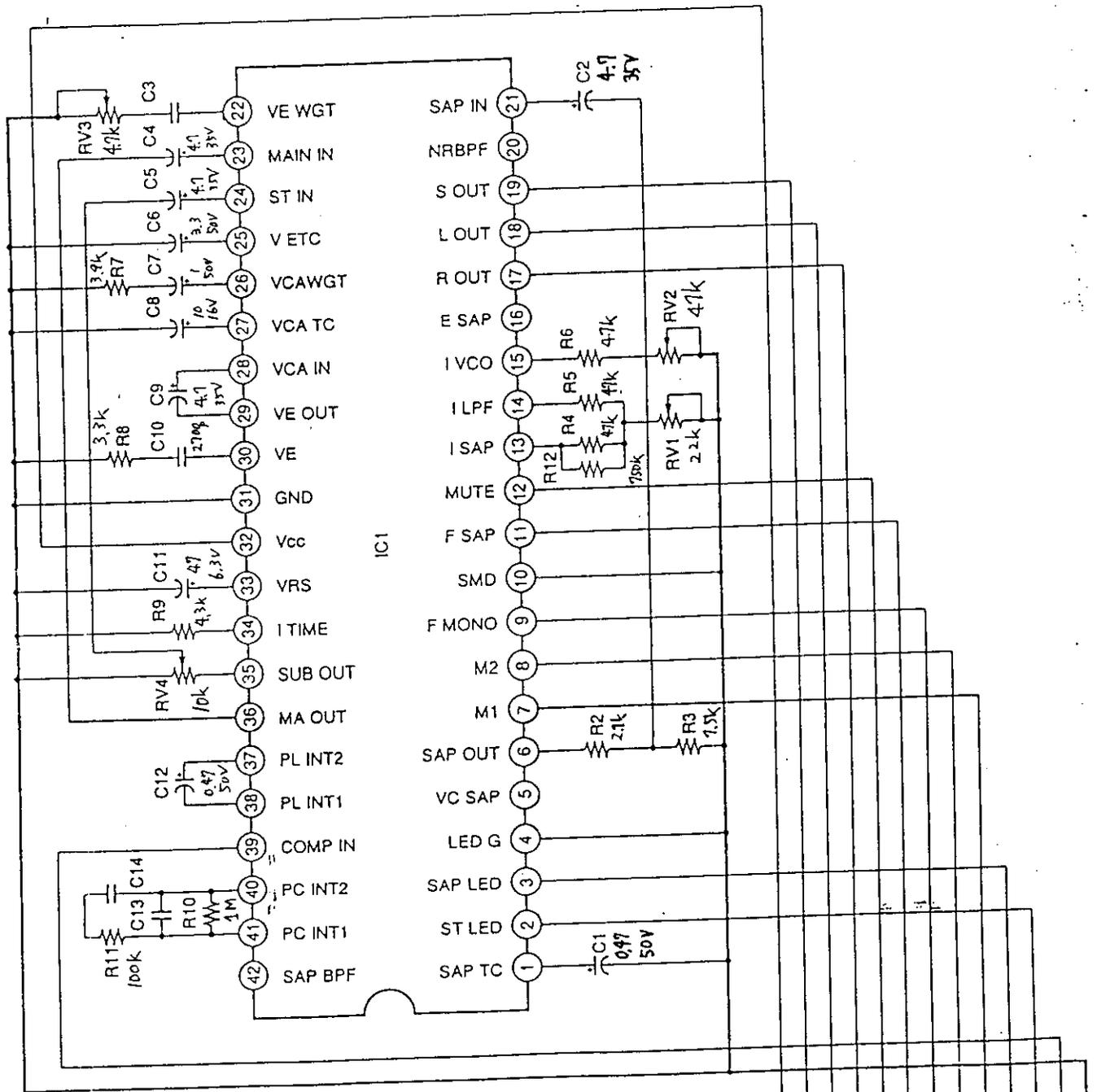
ALL resistors are in ohms, 1/10W  
Unless otherwise noted.

- Connector pin location -

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

ORIGINAL MODEL SLV-M10 HF

DESCRIPTION  
CAPSTAN MOTOR (F2QTB29)



ALL resistors are in ohms, 1/10w.  
unless otherwise noted.

ALL capacitors are in  $\mu$  F  
unless otherwise noted.

1	Vcc
2	L+R OUT
3	L OUT
4	R OUT
5	MUTE
6	F SAP
7	FORCED
8	MS0
9	MS1
10	SAP IND
11	ST IND
12	MPX IN
13	GND

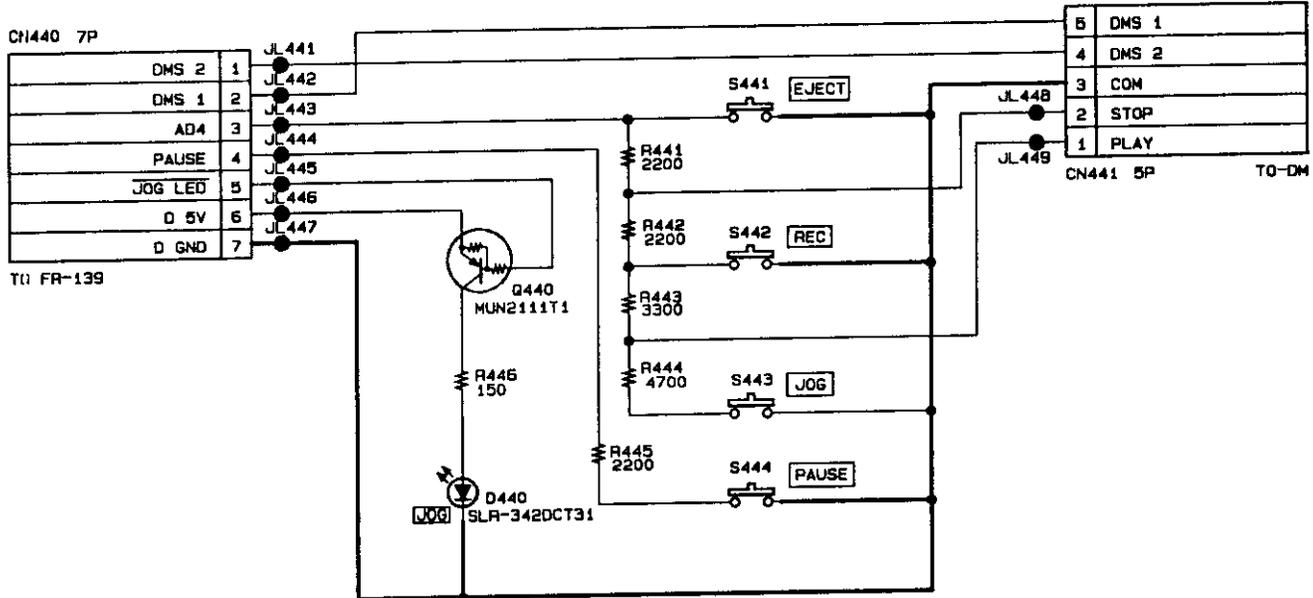
ORIGINAL MODEL

SLV-M10 HF

DESCRIPTION

MPX UNIT (SBX 1837)

PART No.



TU FR-139

XX means no component mounted.

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

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

ORIGINAL MODEL SLV-M10HF

DESCRIPTION DM-81

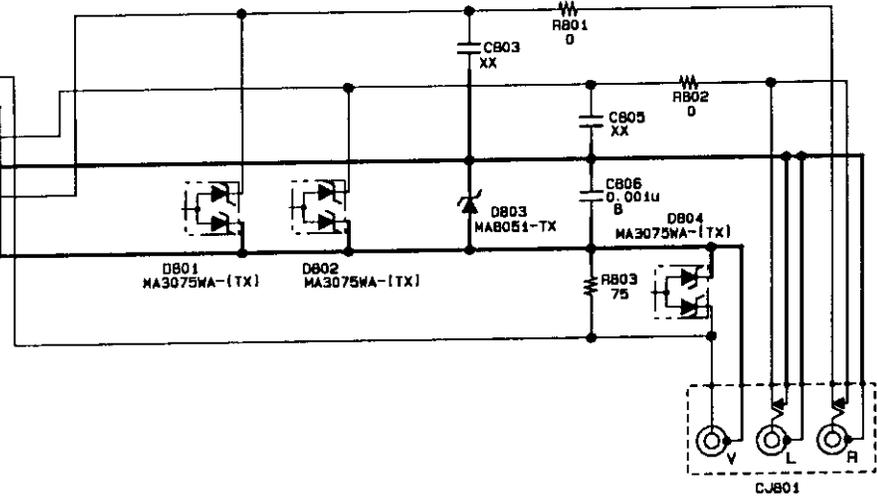
PART NO.

SHEET

CNB01 5P

L2-VIDEO	1	JL801
AN_GND	2	JL802
L2(L)	3	JL803
AU_GND	4	JL804
L2(R)	5	JL805

TO MA

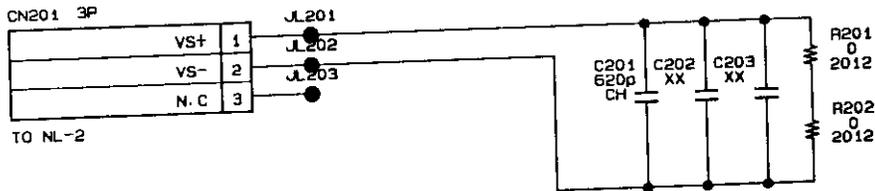


XX means no component mounted.

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

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

ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	AJ-2
PART NO.	
SHEET	



XX means no component mounted.

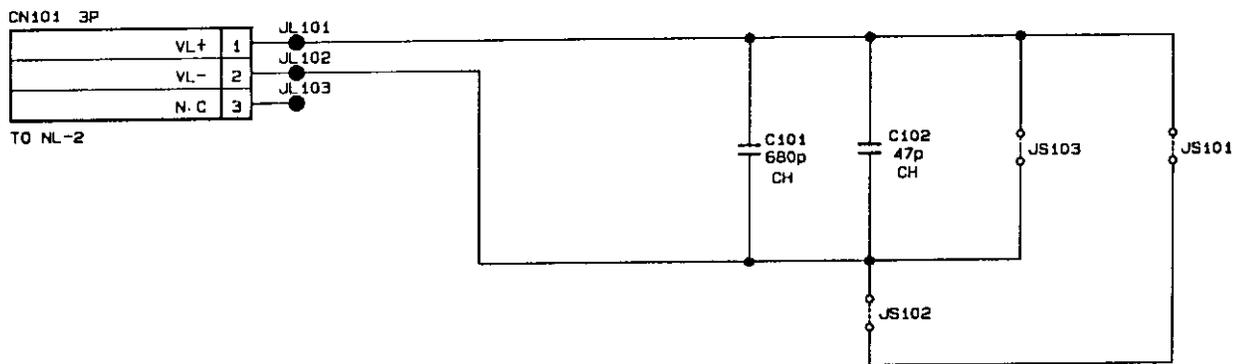
ALL resistors are in ohms. 1/10W unless otherwise noted.

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

ORIGINAL MODEL SLV-M10HF

DESCRIPTION AN-16

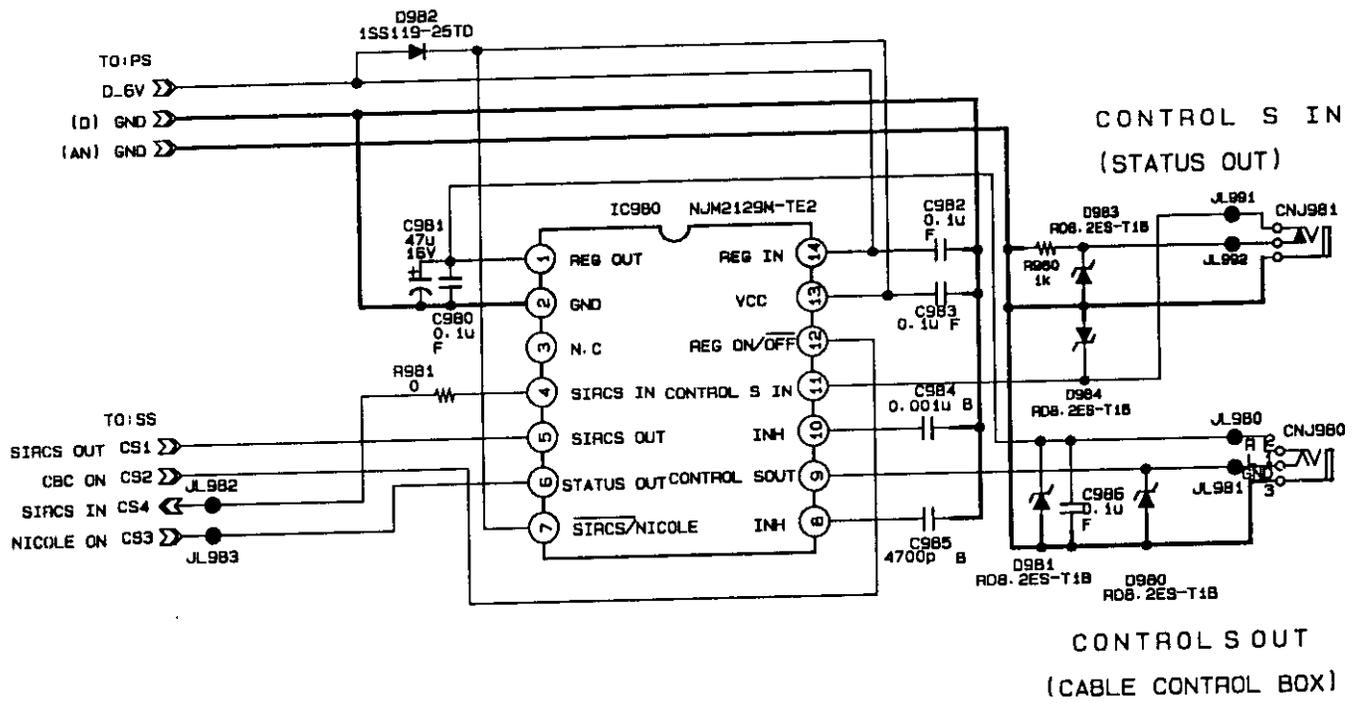
SHEET



XX means no component mounted.  
 ALL resistors are in ohms. 1/10W  
 unless otherwise noted.

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

ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	AN-17



XX means no component mounted.

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

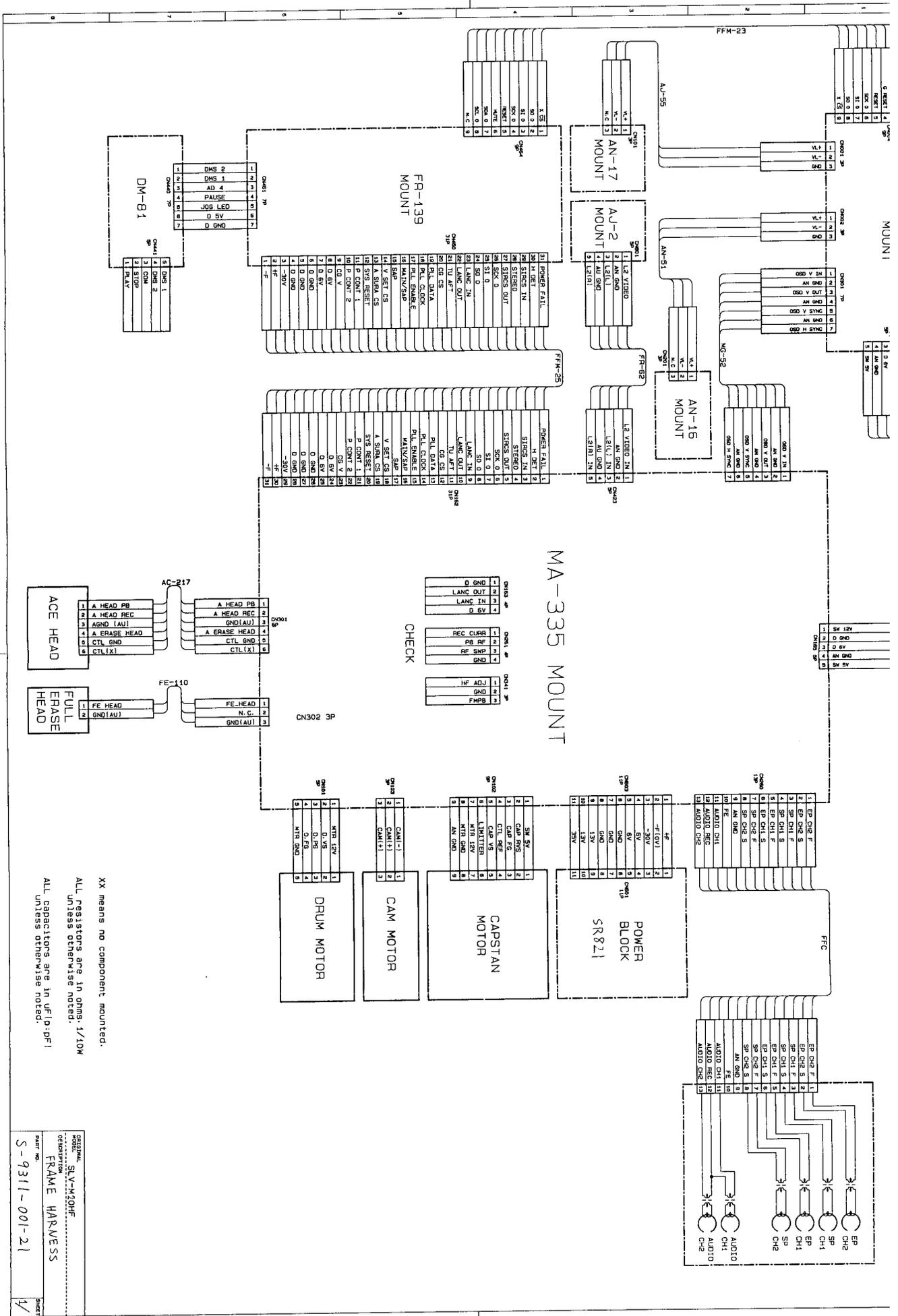
ALL capacitors are in uF(p:pF) unless otherwise noted.

ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	MA-335 (9/10) AV-BUS
PART NO.	
SHEET	

SCHMATIC DIAGRAM INDEX FOR MODEL: **SLV-M20HF**

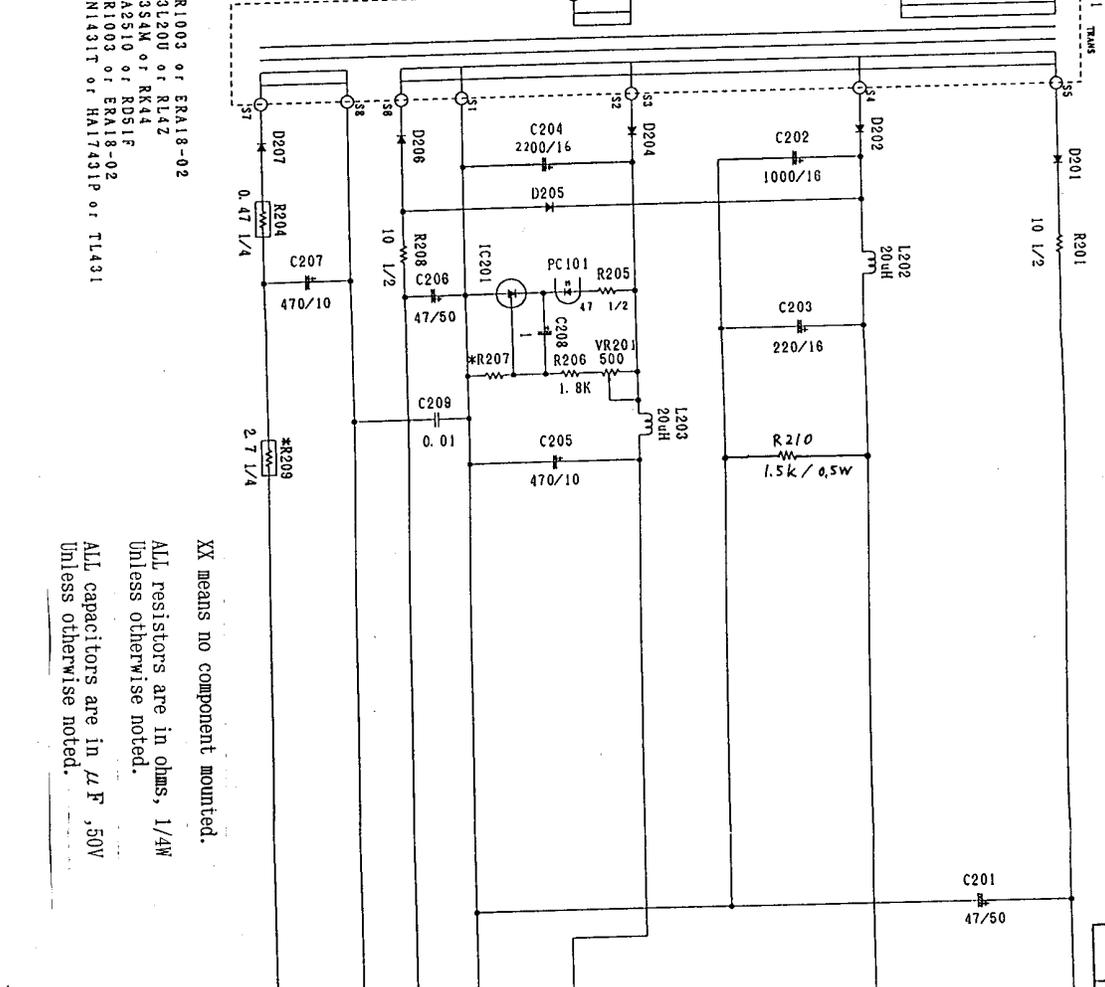
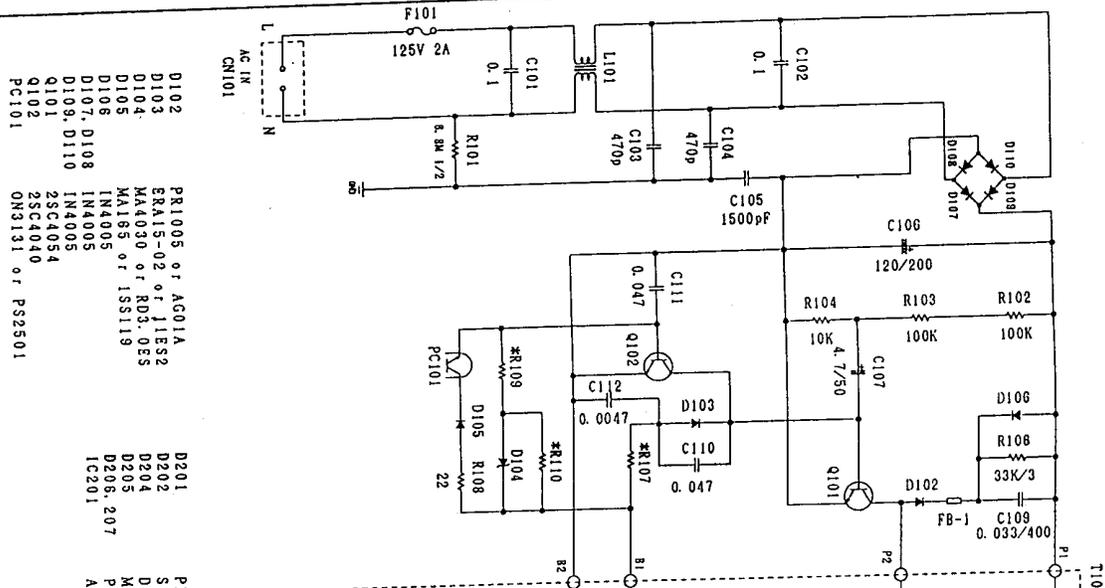
(回路図リスト)

NO.	SCHEMATIC DIAGRAM (S NO)	NAME OF PWB				
1	S-9311-001-21	FRAME HARNESS				
2	S-9301-001-51	SR821 (POWER BLOCK)				
3	S-9301-002-11	MA-335 (1/10) PS				
4	S-9301-002-21	MA-335 (2/10) SS				
5	S-9301-002-31	MA-335 (3/10) VA				
6	S-9301-002-41	MA-335 (4/10) AU				
7	S-9301-002-51	MA-335 (5/10) TU				
8	S-9301-002-61	MA-335 (6/10) RP				
9	S-9301-002-71	MA-335 (7/10) OSD				
10	S-9301-002-81	MA-335 (8/10) V-SET				
11	S-9301-002-91	MA-335 (9/10) AV-BUS				
12	S-9301-002-101	MA-335 (10/10) DSF				
13	S-9401-004-11	DRUM MOTOR				
14	S-9401-005-11	CAPSTAN MOTOR				
15	S-9401-006-11	TUNER (BTF-MA401)				
16	S-9401-008-11	MPX UNIT (SBX1837)				
17	S-9301-009-11	FR-139				
18	S-9301-010-11	DM-81				
19	S-9301-011-11	AJ-2				
20	S-9301-012-11	AN-16				
21	S-9301-013-11	AN-17				
22	S-9311-015-11	MG-21 (1/3)				
23	S-9311-015-21	MG-21 (2/3)				
24	S-9311-015-31	MG-21 (3/3)				



XX means no component mounted.  
 ALL resistors are 1/10W unless otherwise noted.  
 ALL capacitors are in uF(µF) unless otherwise noted.

ORIGINAL: SLY-M10HF  
 MODEL: FRAME HARVESS  
 PART NO: S-9311-001-21  
 SHEET: 1/1



Symbol Legend

Symbol	min	typ	max
*R107	100/1	120/1	120/1
*R109	560	620	680
*R110	—	—	—
*R207	1.2K	1.5K	2.2K
*R209	—	2.7	—

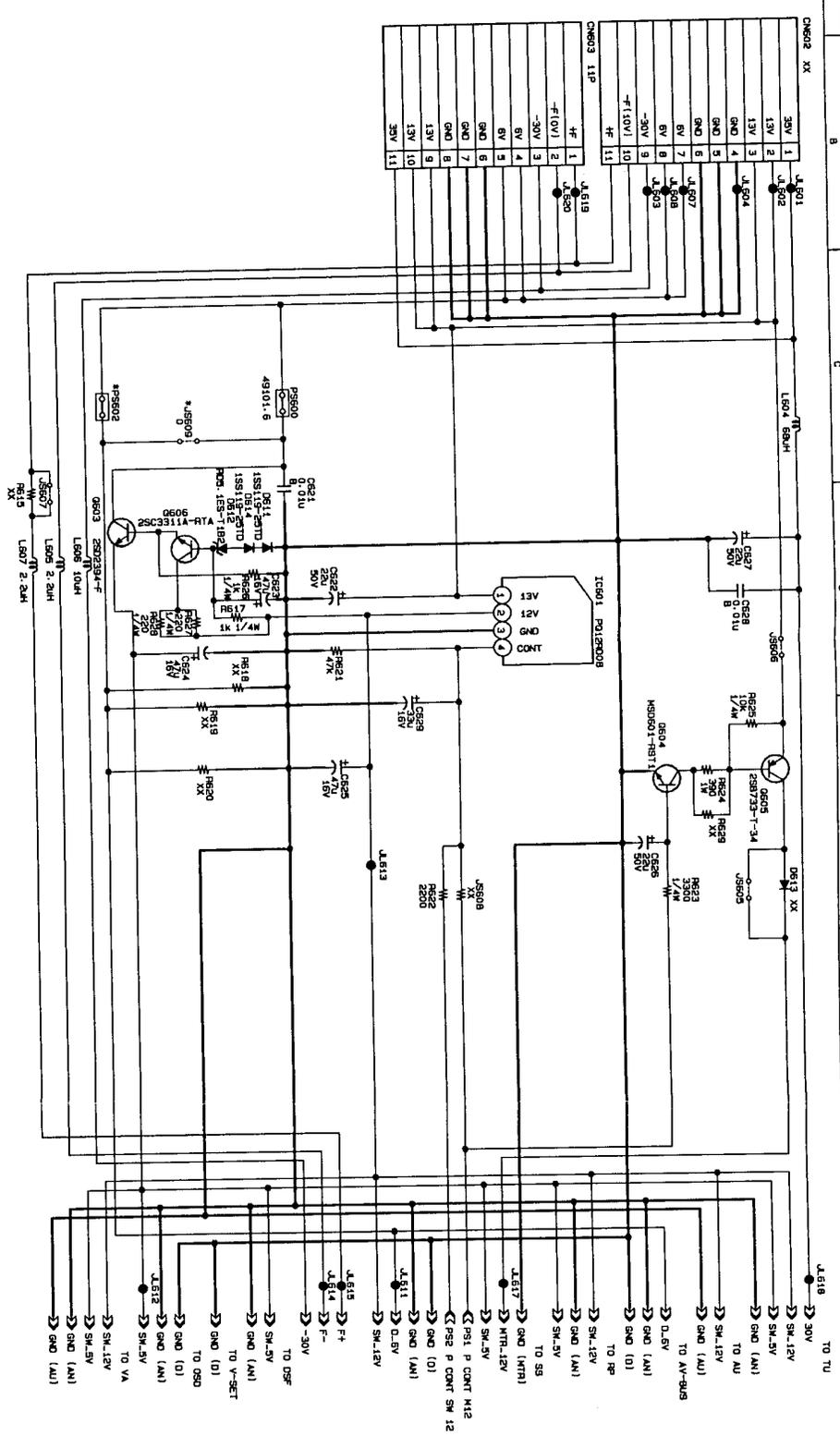
SLV - MIDHF  
SR821 (POWER BLOCK)  
S-9301-001-51

XX means no component mounted.  
All resistors are in ohms, 1/4W  
Unless otherwise noted.  
All capacitors are in  $\mu$ F, 50V  
Unless otherwise noted.

- D102 PRL005 or AG01A
- D103 ERA15-02 or J1E52
- D104 MA4030 or RD3 0E5
- D105 MA185 or 1SS119
- D106 1N4005
- D107 1N4005
- D108 1N4005
- D109, D110 2SC4054
- Q101 2SC4040
- Q102 2SC4040
- PC101 ON3131 or PS2501

- D201 PRL003 or ERA18-02
- D202 3AL20V or RL42
- D204 D354W or RK44
- D205 MA2510 or RD51F
- D206, 207 PRL003 or ERA18-02
- IC201 AN1431T or HA17431P or TL431

Pin	Voltage
11	38V
10	13V
9	13V
8	GND
7	GND
6	GND
5	6V
4	6V
3	-30V
2	-F (0V)
1	+F (4.5V)



REV. 01, 29 09:21 SLV-M10HF SLV-M20HF

DESIGN	KIBAN	A	0.0	48101.6
PS003	12162871	XX	12162871	48101.6
PS002	12335221	XX	12335221	48101.6

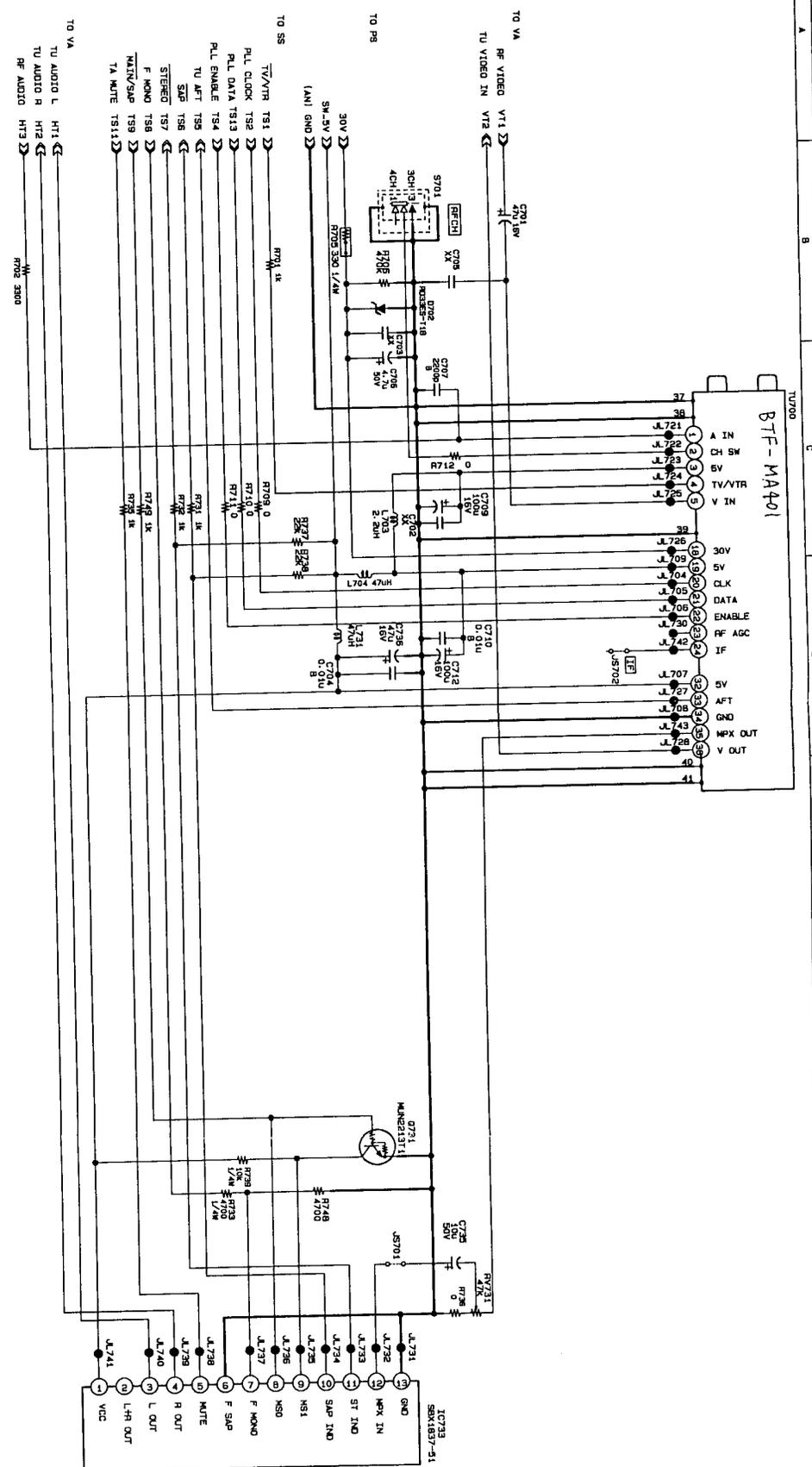
XX means no component mounted.  
 ALL resistors are in Ohms. 1/10W  
 unless otherwise noted.  
 ALL capacitors are in uF(p.p.F)  
 unless otherwise noted.

PART NO.	S-9301-002-11
ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	NA-335 (V/10) PS
SHEET	4



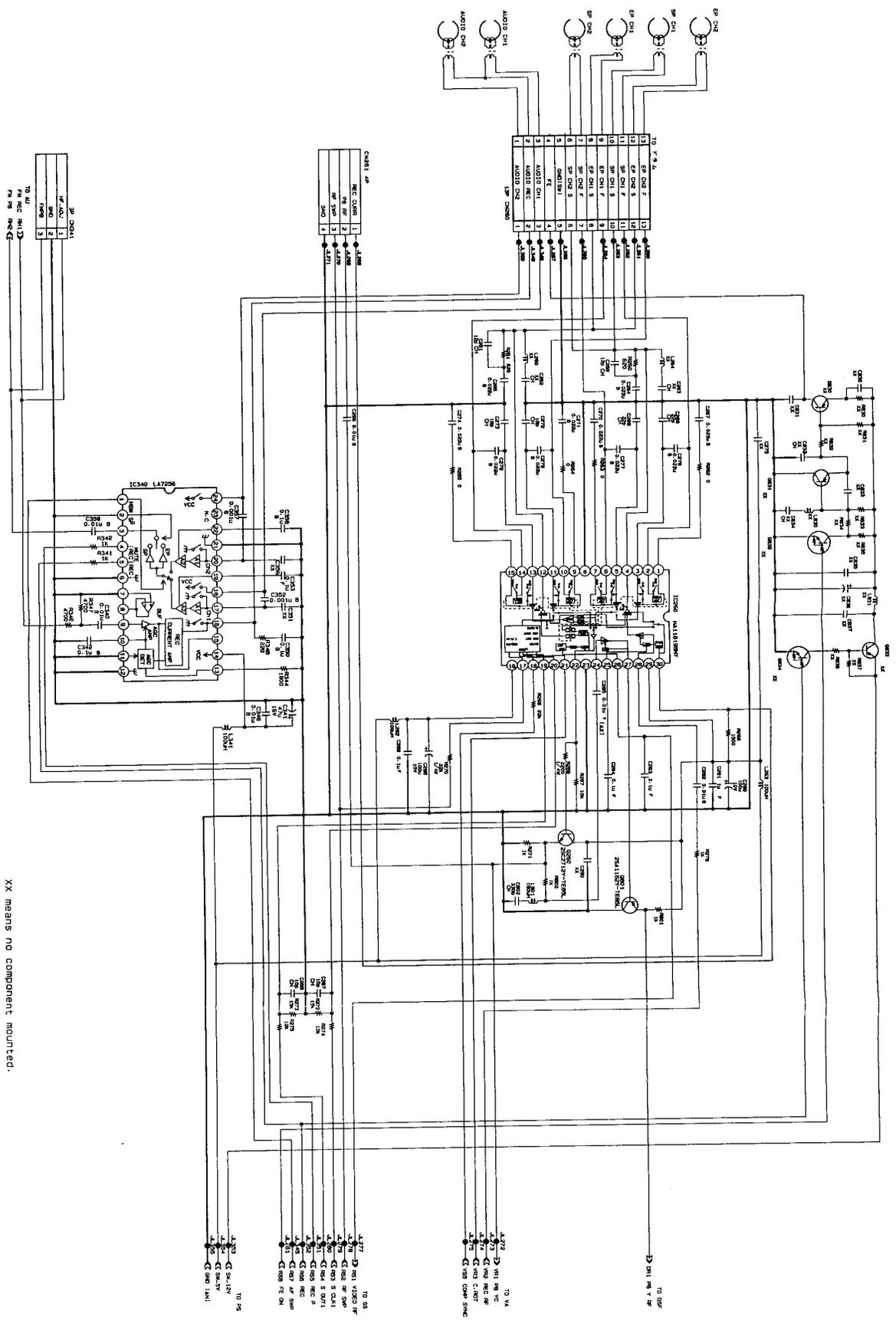






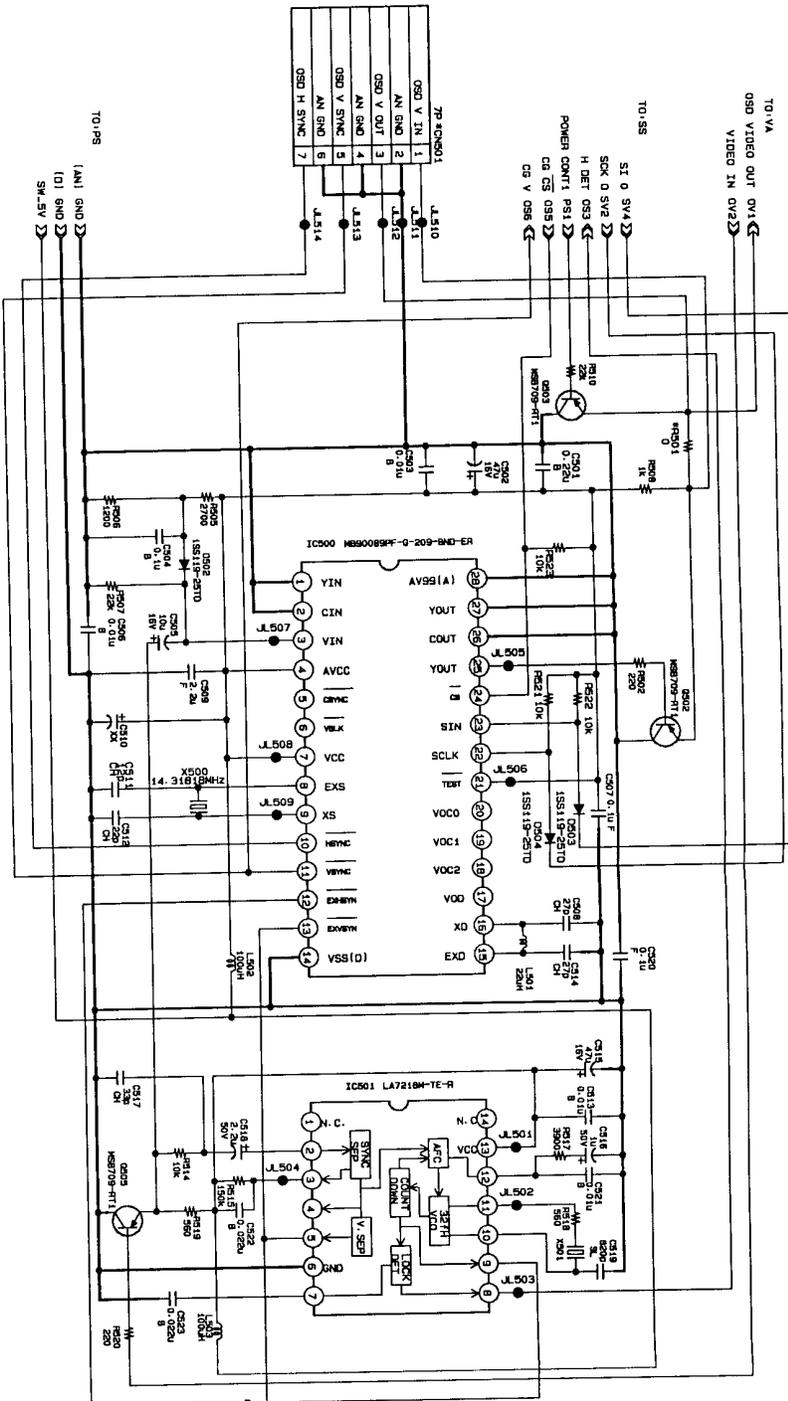
XX means no component mounted.  
 ALL resistors are in ohms. 1/10W  
 unless otherwise noted.  
 ALL capacitors are in uF(p.p.F)  
 unless otherwise noted.

ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	MA-335(5/10) TV
PART NO.	S-9301-002-51
SHEET	1/



XX means no component mounted.  
 ALL resistors are in OHMS. 1/10W  
 unless otherwise noted.  
 ALL capacitors are in uF(p.p.F)  
 unless otherwise noted.

MODEL	SLV-M10HF
DESCRIPTION	MA-335(6/0) RP
PART NO.	S-9301-002-61
SHEET	1/



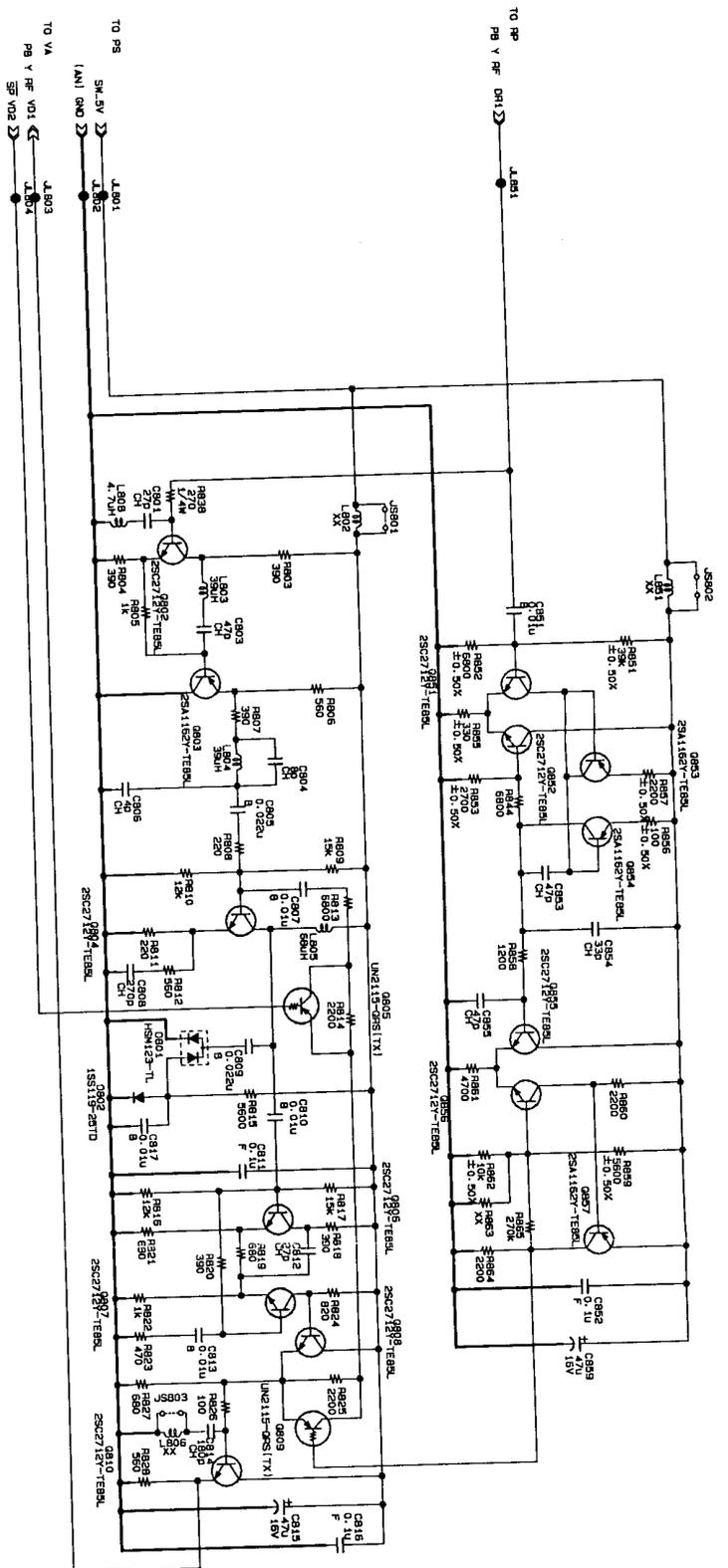
SLV-M20HF SLV-M10HF

OSD V IN	OSD V OUT	OSD V SYNC	OSD H SYNC
TO-18	TO-18	TO-18	TO-18
XX	XX	XX	XX

XX means no component mounted.  
 ALL resistors are in Ohms, 1/10W unless otherwise noted.  
 ALL capacitors are in uF(p.p.F) unless otherwise noted.

ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	MA-335(7/10) OSD
PART NO.	S-9301-002-71

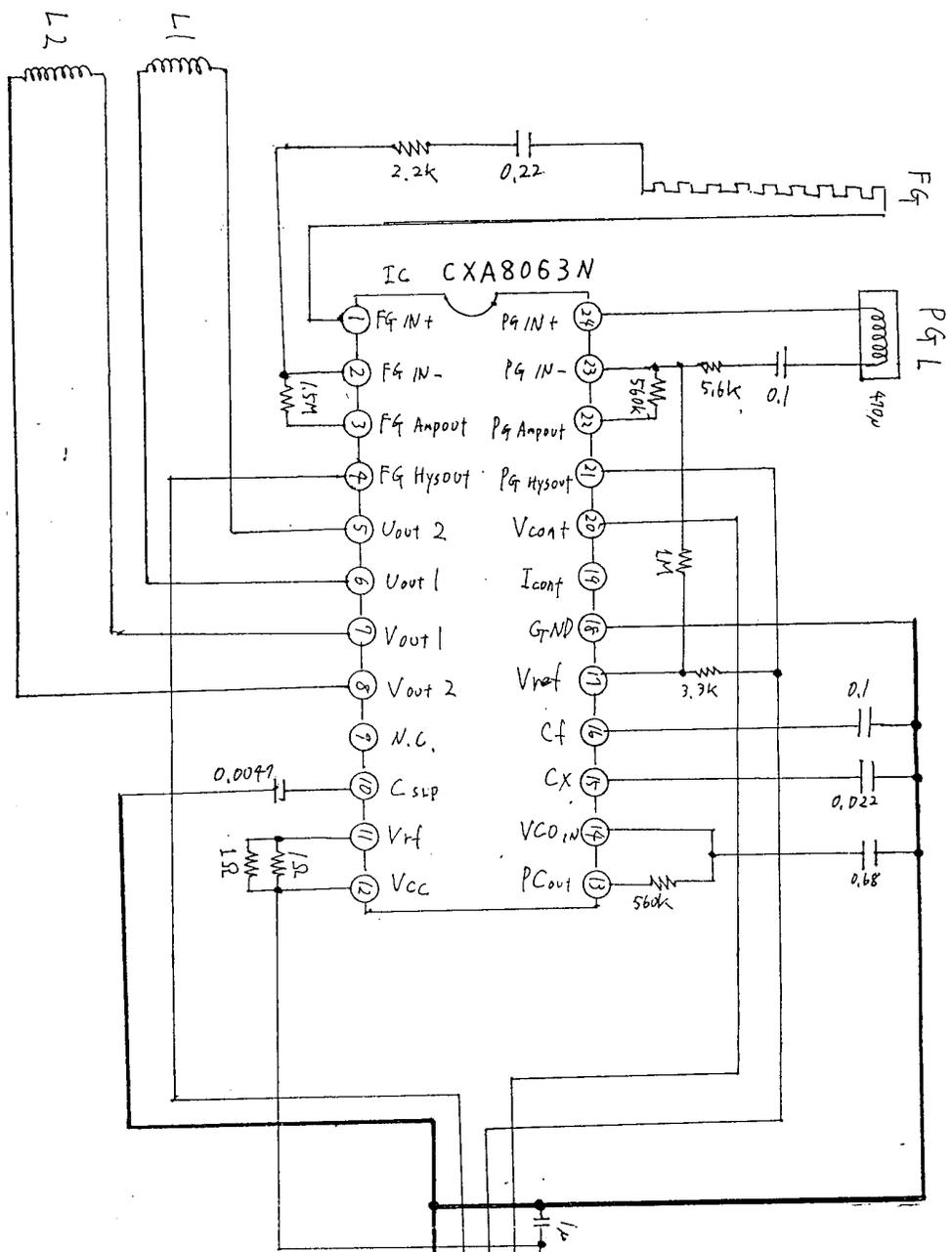




XX means no component mounted.  
 ALL resistors are in Ohms. 1/10W  
 unless otherwise noted.  
 ALL capacitors are in uF(p.p.F)  
 unless otherwise noted.

ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	MA-335 (10/10) DSF
PART NO.	S-9301-002-101
SHEET	4

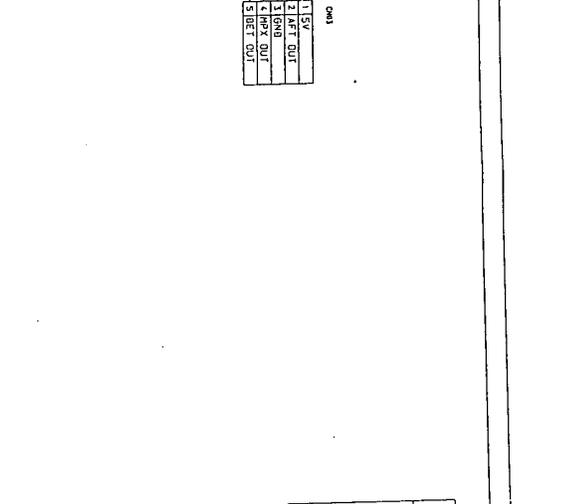
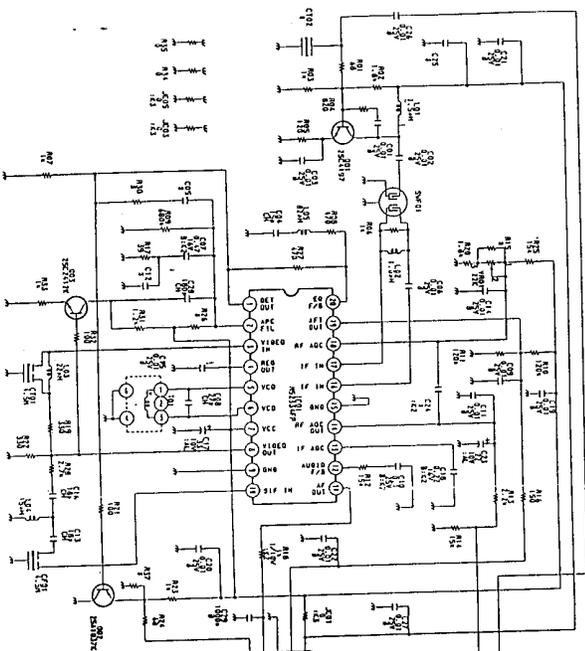
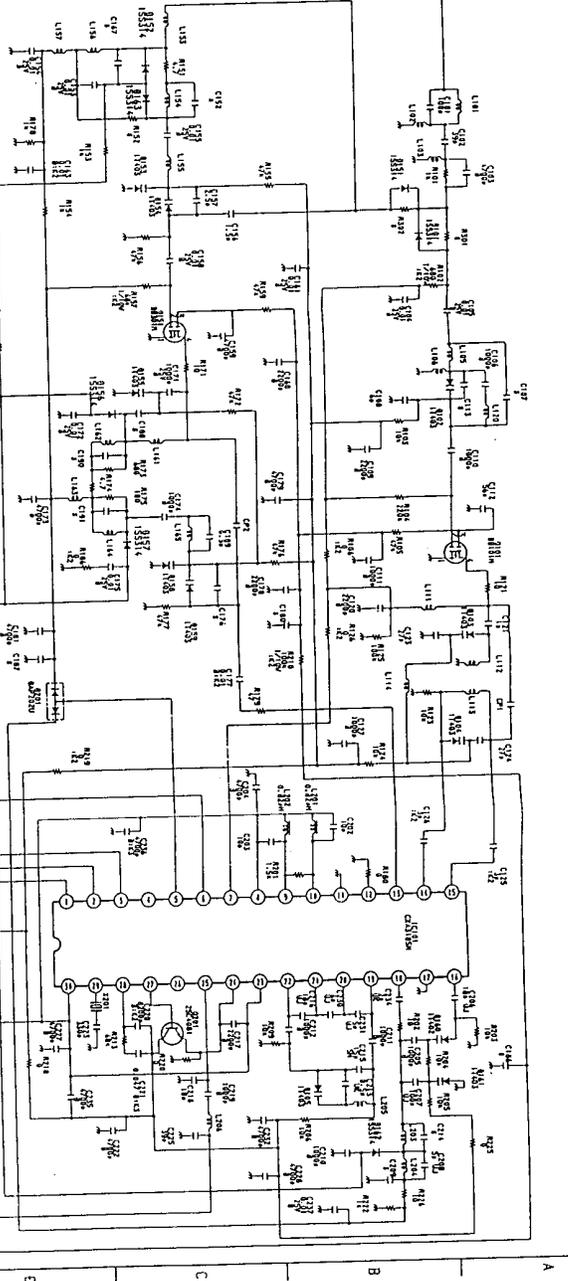
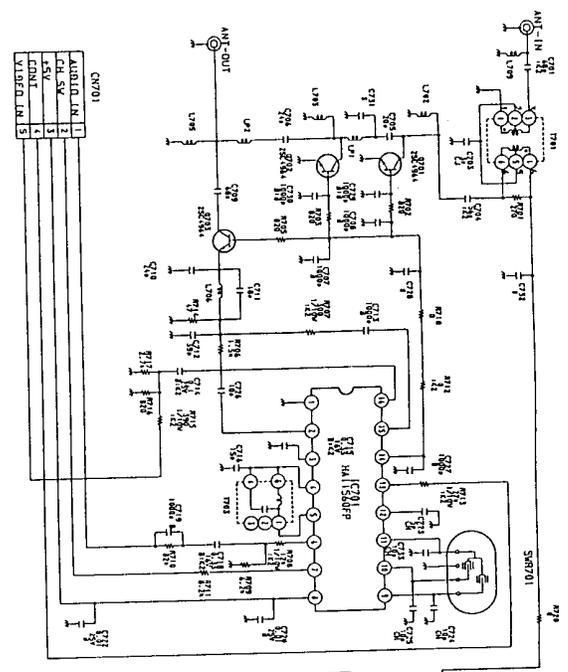
DRIVE COIL



1	Vcc
2	V <sub>cont</sub>
3	PG
4	FG
5	GND

ALL resistors are in ohms, 1/10w. unless otherwise noted.  
 ALL capacitors are in  $\mu$ F unless otherwise noted.

ORIGINAL MODEL	SLV-M10HF
DESCRIPTION	DRUM MOTOR (50V-118)
PART NO.	S-9401-004-11
SHEET	1

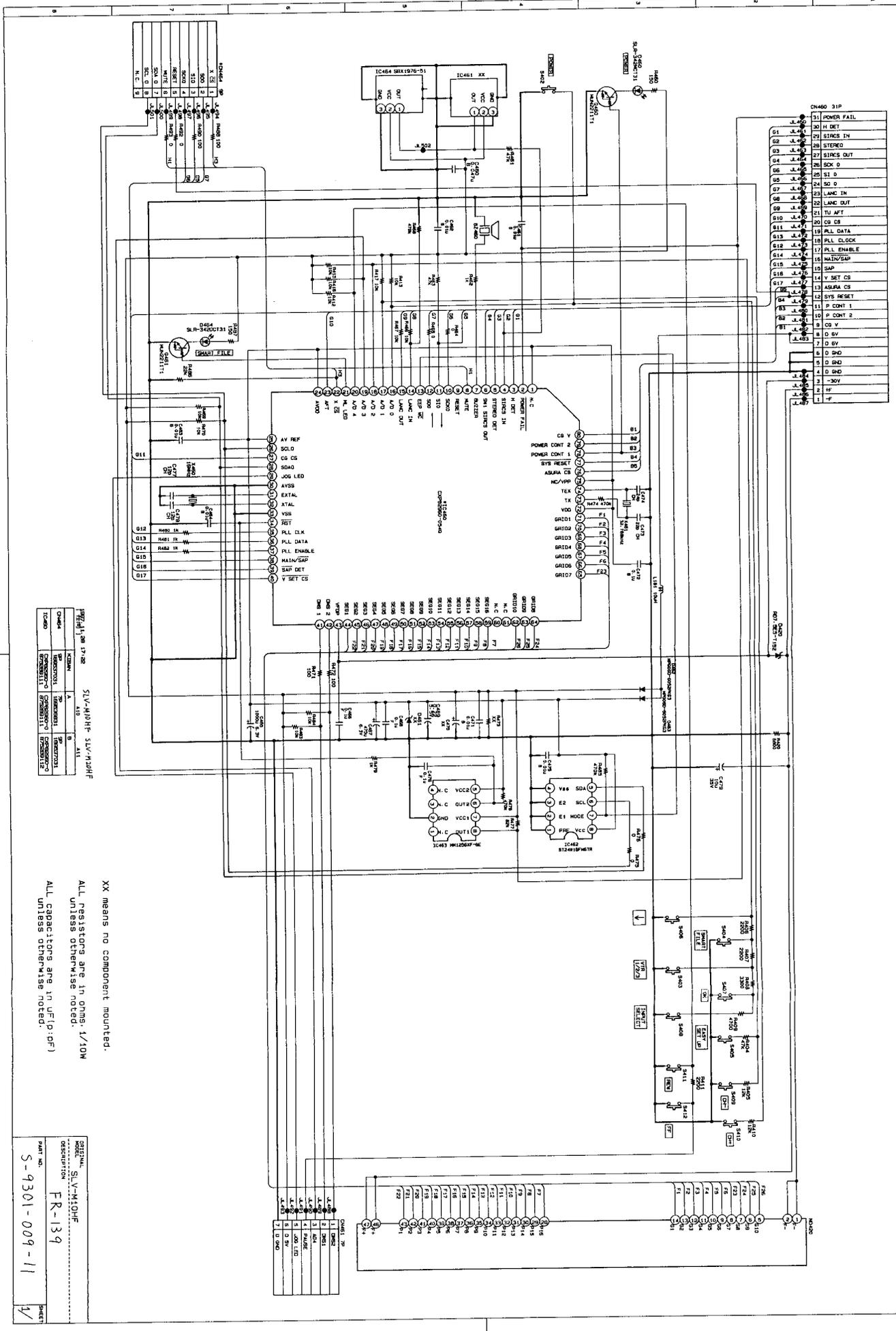


TYPE	CHARACTERISTICS	RATING (DEFAULT)
CHIP	.K3	
RESISTOR	1K2	1/16W
AND	.H1	50V
CAPACITOR	1005	
	1.05	

\*THE INDICATION OF TEMPERATURE CHARACTERISTICS  
SL SHALL BE OMITTED.

TYPE	CHARACTERISTICS	RATING (DEFAULT)
CHIP	.K3	
RESISTOR	1K2	1/16W
AND	.H1	50V
CAPACITOR	1005	
	1.05	

SLV-MID HF  
TUNER (BTF-KA401)  
S-9401-006-11

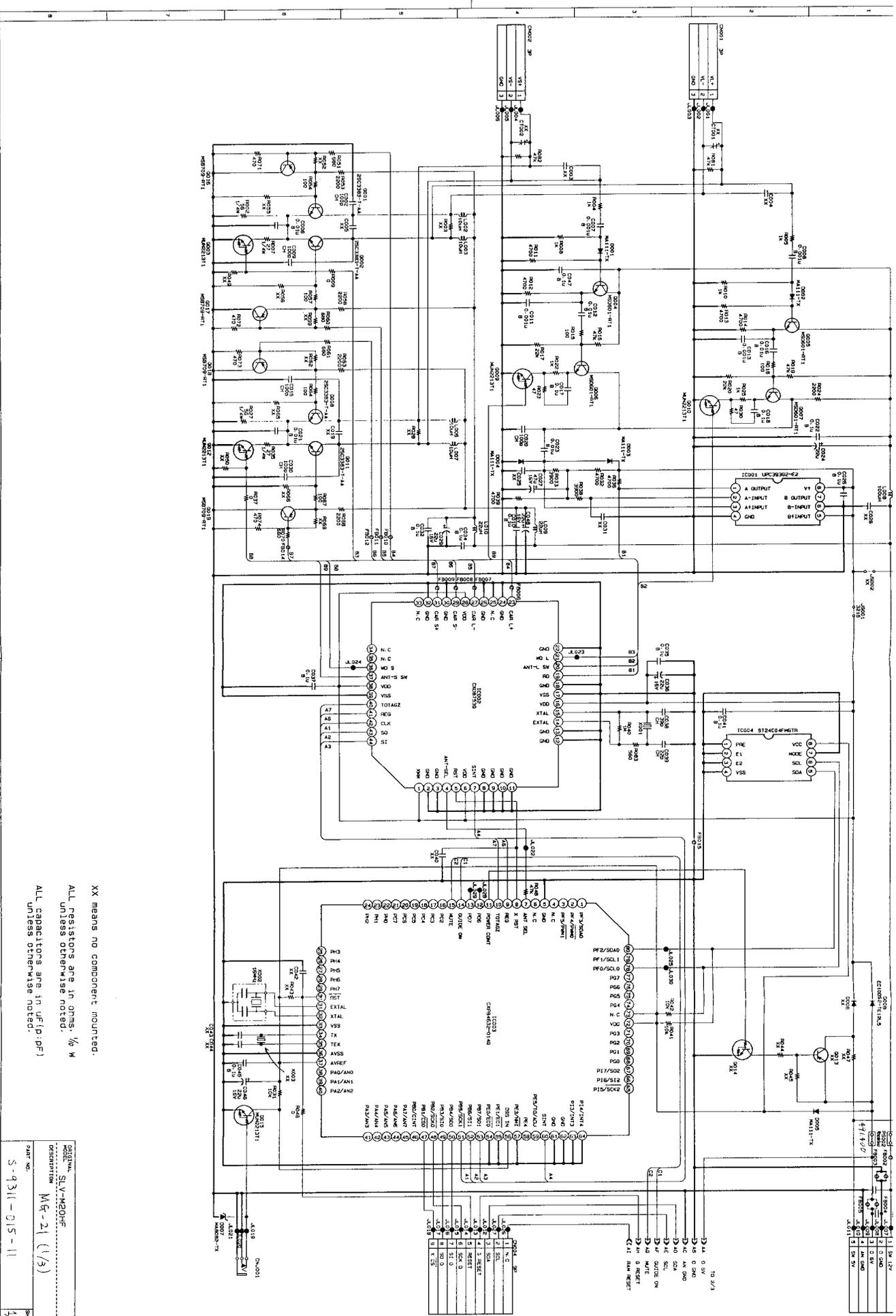


FR-139 SLV-M10HF SLV-M20HF

COND	COND	COND	COND	COND	COND
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	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	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100		

XX means no component mounted.  
 ALL resistors are in ohms 1/10W unless otherwise noted.  
 ALL capacitors are in uF(p:pf) unless otherwise noted.

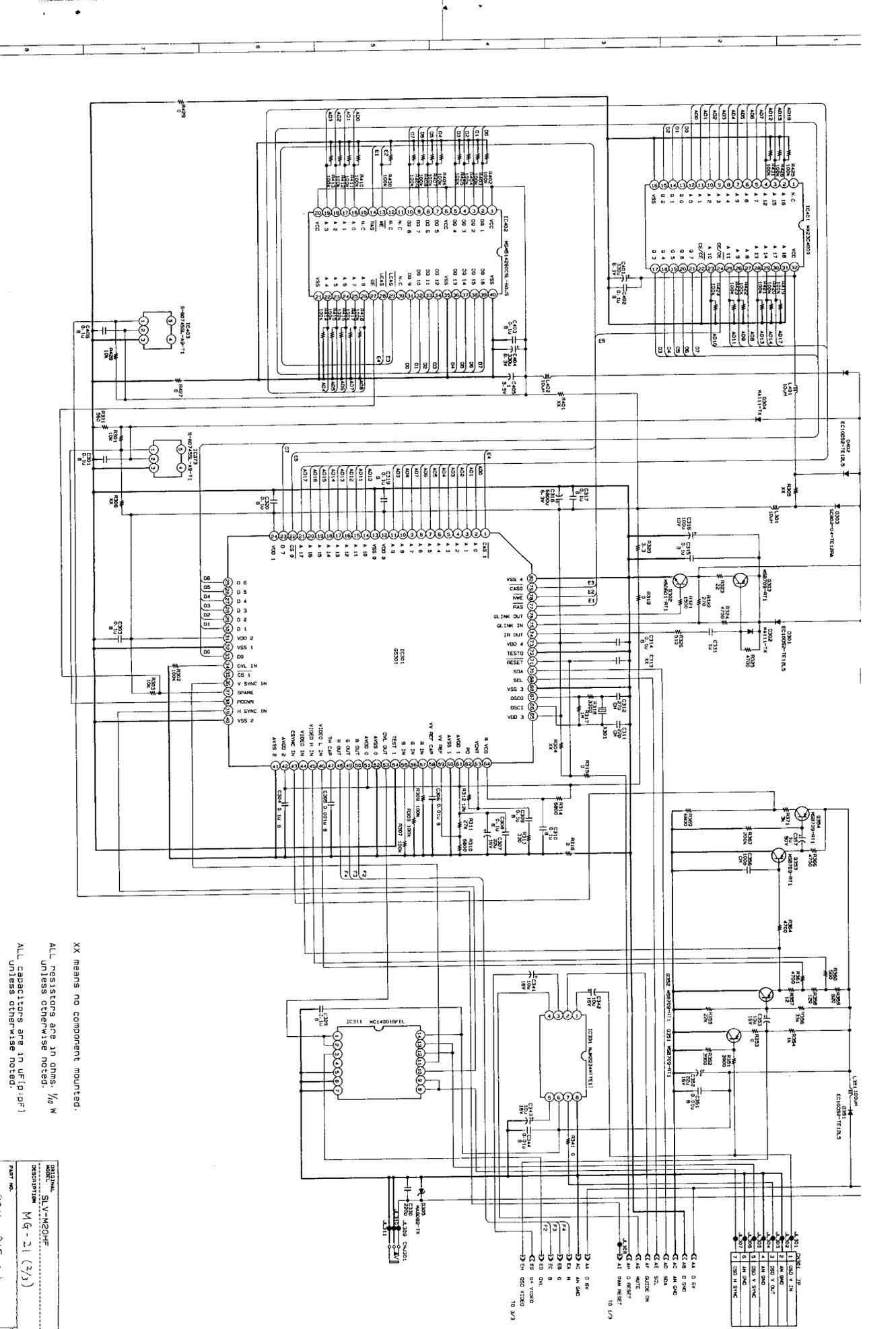
ORIGINAL: SLV-M10HF  
 DESCRIPTION: FR-139  
 PART NO.: S-9301-009-11  
 SHEET: 1/1



XX means no component mounted.  
 ALL resistors are in ohms. 1/2 W  
 UNLESS OTHERWISE NOTED.  
 ALL capacitors are in uF(p.p.F)  
 UNLESS OTHERWISE NOTED.

DESIGN	S.V. MEDONE
DESCRIPTION	MG-21 (1/3)
PART NO.	S-9311-015-11
SHEET	4

1	1.5A 12V
2	0.0A
3	0.0A
4	0.0A
5	0.0A
6	0.0A
7	0.0A
8	0.0A
9	0.0A
10	0.0A
11	0.0A
12	0.0A
13	0.0A
14	0.0A
15	0.0A
16	0.0A
17	0.0A
18	0.0A
19	0.0A
20	0.0A
21	0.0A
22	0.0A
23	0.0A
24	0.0A
25	0.0A
26	0.0A
27	0.0A
28	0.0A
29	0.0A
30	0.0A
31	0.0A
32	0.0A
33	0.0A
34	0.0A
35	0.0A
36	0.0A
37	0.0A
38	0.0A
39	0.0A
40	0.0A
41	0.0A
42	0.0A
43	0.0A
44	0.0A
45	0.0A
46	0.0A
47	0.0A
48	0.0A
49	0.0A
50	0.0A
51	0.0A
52	0.0A
53	0.0A
54	0.0A
55	0.0A
56	0.0A
57	0.0A
58	0.0A
59	0.0A
60	0.0A
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67	0.0A
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69	0.0A
70	0.0A
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75	0.0A
76	0.0A
77	0.0A
78	0.0A
79	0.0A
80	0.0A
81	0.0A
82	0.0A
83	0.0A
84	0.0A
85	0.0A
86	0.0A
87	0.0A
88	0.0A
89	0.0A
90	0.0A
91	0.0A
92	0.0A
93	0.0A
94	0.0A
95	0.0A
96	0.0A
97	0.0A
98	0.0A
99	0.0A
100	0.0A



XX means no component mounted.  
 ALL resistors are in Ohms. 1/10 W  
 unless otherwise noted.  
 ALL capacitors are in uF.(p:F)  
 unless otherwise noted.

ORIGINAL	SLV-M20HF
MODEL	M6-21 (2/3)
DESCRIPTION	
PART NO.	S-9311-015-2-1
SHEET	4

