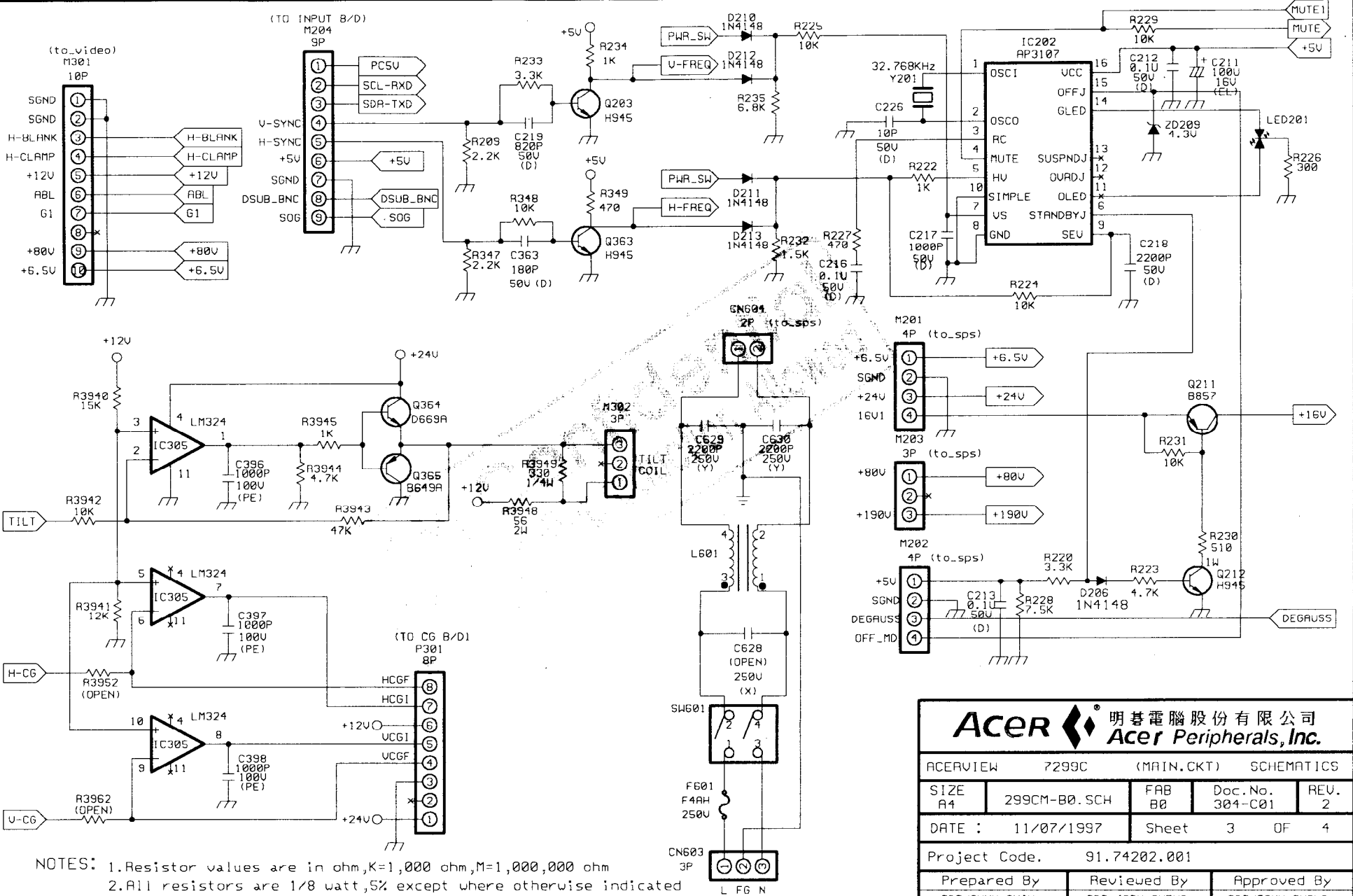


- NOTES:
1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
 2. All resistors are 1/8 watt, 5% except where otherwise indicated
 3. --- ∇ --- Represents PCB common ground.

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ACERVIEW 7299C (INPUT.CKT) SCHEMATIC			
SIZE A4	299CI-B0.SCH	FAB B0	Doc.No. 304-C03
DATE : 11/07/1997	Sheet 1 OF 1	REV. 2	
Project Code.		91.74202.001	
Prepared By PDR/ANNY CHIU 11/7/1997	Reviewed By PDR/JOEY CHENG 11/7/1997	Approved By PDR/TONY CHANG 11/7/1997	

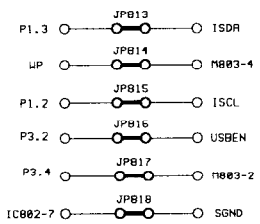
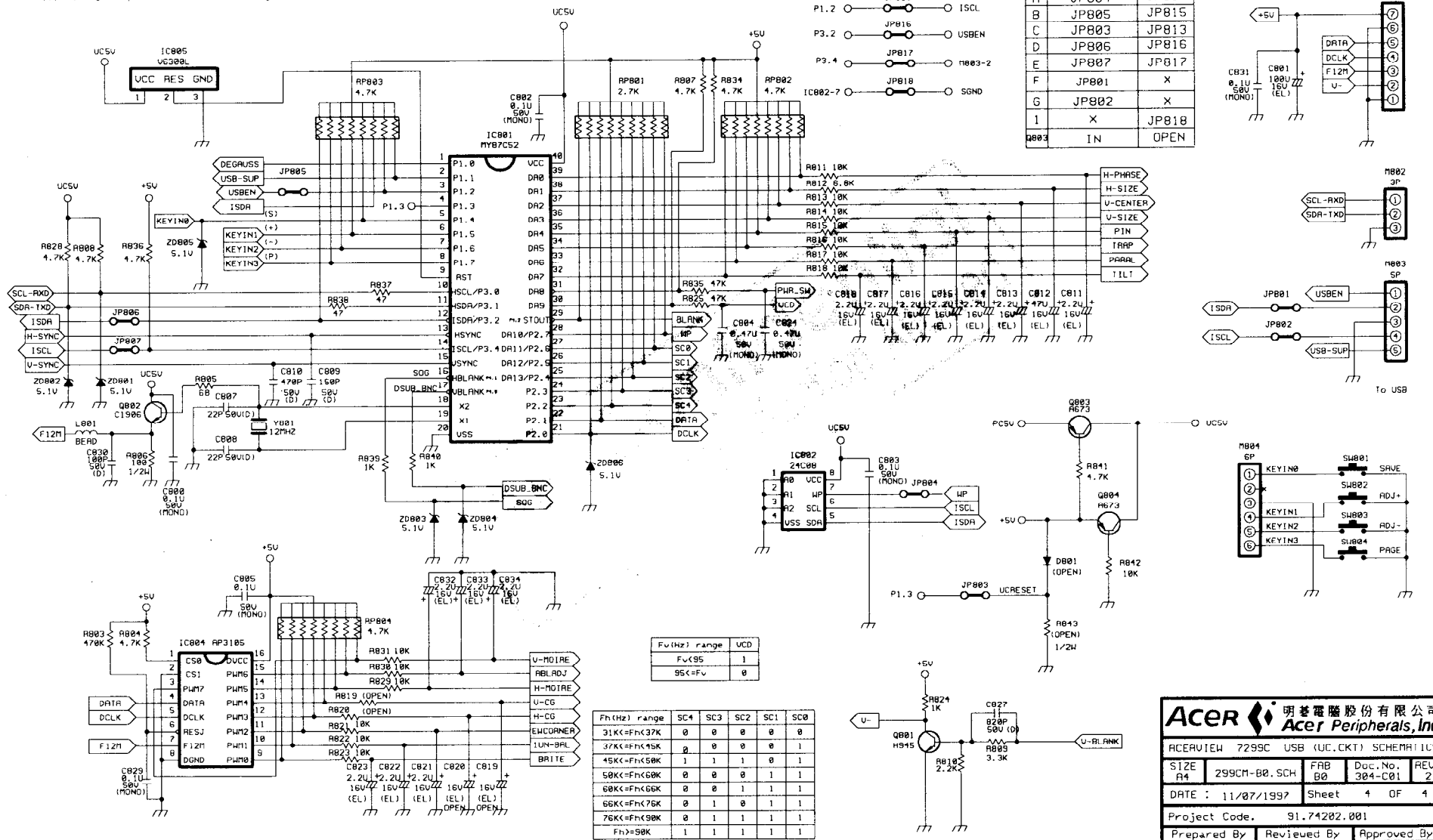


NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
 2. All resistors are 1/8 watt, 5% except where otherwise indicated
 3. \perp ∇ \equiv Represents PCB common ground.

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Acer Peripherals, Inc.

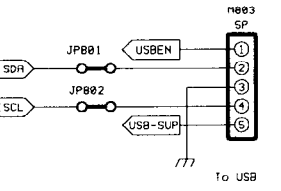
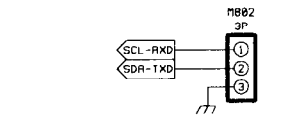
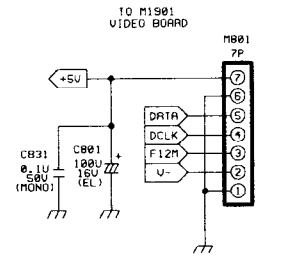
ACERVIEW	7299C	(MAIN.CKT)	SCHEMATICS	
SIZE	A4	FAB	Doc. No.	REV.
	299CM-B0.SCH	B0	304-C01	2
DATE :	11/07/1997	Sheet	3	OF 4
Project Code.	91.74202.001			
Prepared By	Reviewed By	Approved By		
PDR/ANNY CHIU	PDR/JOEY CHENG	PDR/TONY CHANG		
11/7/1997	11/7/1997	11/7/1997		

NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
 2. (N) resistors are 1/8 watt, 5% except where otherwise indicated
 3. ∇ ∇ ∇ Represents PCB common ground.



Jump selection

	RS232/DDC	RS232
A	JP804	JP814
B	JP805	JP815
C	JP803	JP813
D	JP806	JP816
E	JP807	JP817
F	JP801	X
G	JP802	X
I	X	JP818
0803	IN	OPEN



Fh(Hz) range	UCD
Fh<95	1
95<=Fh	0

Fh(Hz) range	SC4	SC3	SC2	SC1	SC0
31K<=Fh<37K	0	0	0	0	0
37K<=Fh<45K	0	0	0	0	1
45K<=Fh<50K	1	1	1	0	1
50K<=Fh<60K	0	0	0	1	1
60K<=Fh<66K	0	0	1	1	1
66K<=Fh<76K	0	1	0	1	1
76K<=Fh<90K	0	1	1	1	1
Fh>90K	1	1	1	1	1

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ACERVIEW 7299C USB (UC.CKT) SCHEMATIC US

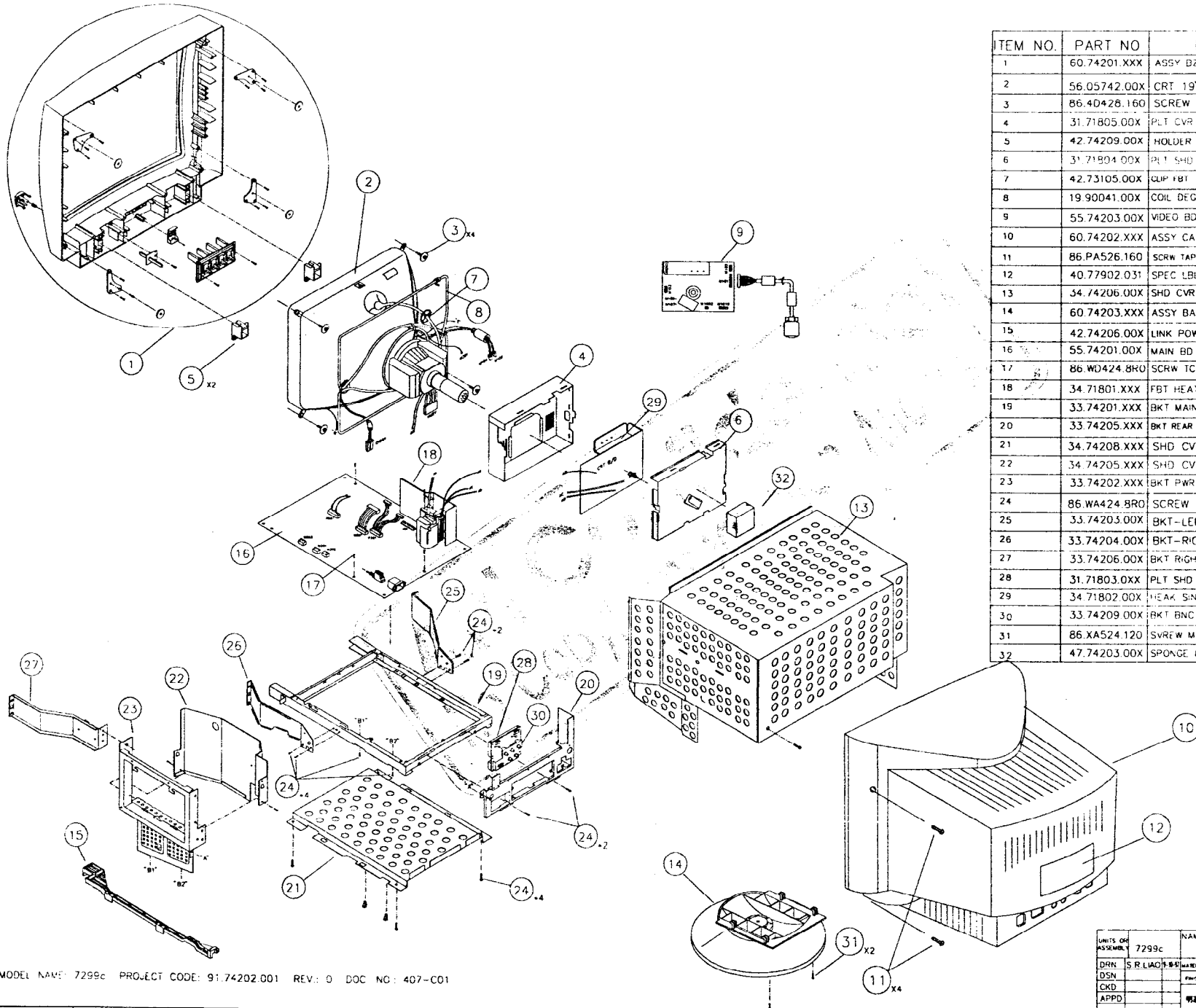
SIZE	FAB	Doc.No.	REV.
A4	B0	304-C01	2

DATE : 11/07/1997 Sheet 4 OF 4

Project Code. 91.74202.001

Prepared By	Reviewed By	Approved By
PDR/ANNY CHIU	PDR/JOEY CHENG	PDR/TONY CHANG

11/7/1997 11/7/1997 11/7/1997



ITEM NO.	PART NO	DESCRIPTION	QTY
1	60.74201.XXX	ASSY BZL	1
2	56.05742.00X	CRT 19"	1
3	86.40428.160	SCREW MACH M5*16L	4
4	31.71805.00X	PLT CVR - CRT BD	1
5	42.74209.00X	HOLDER DEGAUSS	2
6	31.71804.00X	PLT SHD CRT BD	1
7	42.73105.00X	CUP FBT	1
8	19.90041.00X	COIL DEGAUSSING 7276E	1
9	55.74203.00X	VIDEO BD	1
10	60.74202.XXX	ASSY CASE U	1
11	86.PA526.160	SCRW TAP PAN M4*16L U/CASE TO BZ	4
12	40.77902.031	SPEC LBL	1
13	34.74206.00X	SHD CVR TOP	1
14	60.74203.XXX	ASSY BASE ABS	1
15	42.74206.00X	LINK POWER	1
16	55.74201.00X	MAIN BD 7276j	1
17	86.WD424.8R0	SCRW TC CAP EXT/TOOTH M3*8L CZ	8
18	34.71801.XXX	FBT HEAT SINK	1
19	33.74201.XXX	BKT MAIN BD	1
20	33.74205.XXX	BKT REAR	1
21	34.74208.XXX	SHD CVR BTM	1
22	34.74205.XXX	SHD CVR PWR BD	1
23	33.74202.XXX	BKT PWR BD	1
24	86.WA424.8R0	SCREW TAP M3*8L	14
25	33.74203.00X	BKT-LEFT	1
26	33.74204.00X	BKT-RIGHT	1
27	33.74206.00X	BKT RIGHT TOP	1
28	31.71803.00X	PLT SHD BNC BD	1
29	34.71802.00X	HEAT SINK CRT BD	1
30	33.74209.00X	BKT BNC & D-SUB	1
31	86.XA524.120	SCREW M3*12L	2
32	47.74203.00X	SPONGE 80*80*20	1

MODEL NAME: 7299c PROJECT CODE: 91.74202.001 REV.: 0 DOC NO: 407-C01

UNITS OR ASSEMBLY	7299c	NAME	ASSY DRAWING	SCALE	DATE	BY	CHKD	APPD
DRN	S.R. LAO	DATE		1:1				
DSN		REV		1:1				
CKD				1:1				
APPD				1:1				

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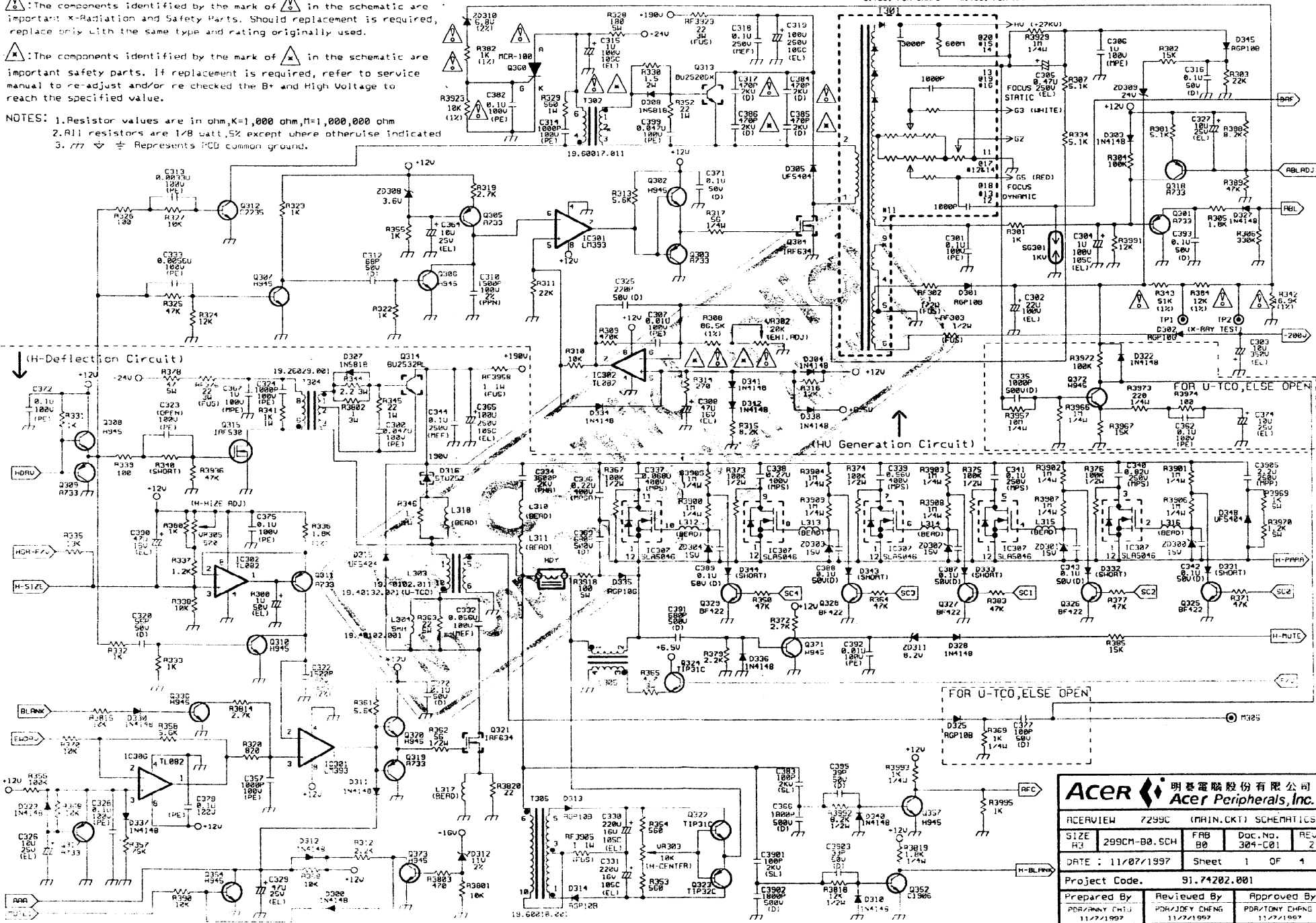
DRAWING NO: 57.74202.XXX

⚠: The components identified by the mark of ⚠ in the schematic are important X-Radiation and Safety Parts. Should replacement is required, replace only with the same type and rating originally used.

⚡: The components identified by the mark of ⚡ in the schematic are important safety parts. If replacement is required, refer to service manual to re-adjust and/or re-checked the B+ and High Voltage to reach the specified value.

- NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
 2. All resistors are 1/8 watt, 5% except where otherwise indicated
 3. $\text{---} \nabla \text{---}$ Represents PCB common ground.

E: T381 FOR SAMP0 #1: T381 FOR AFP



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Acer Peripherals, Inc.

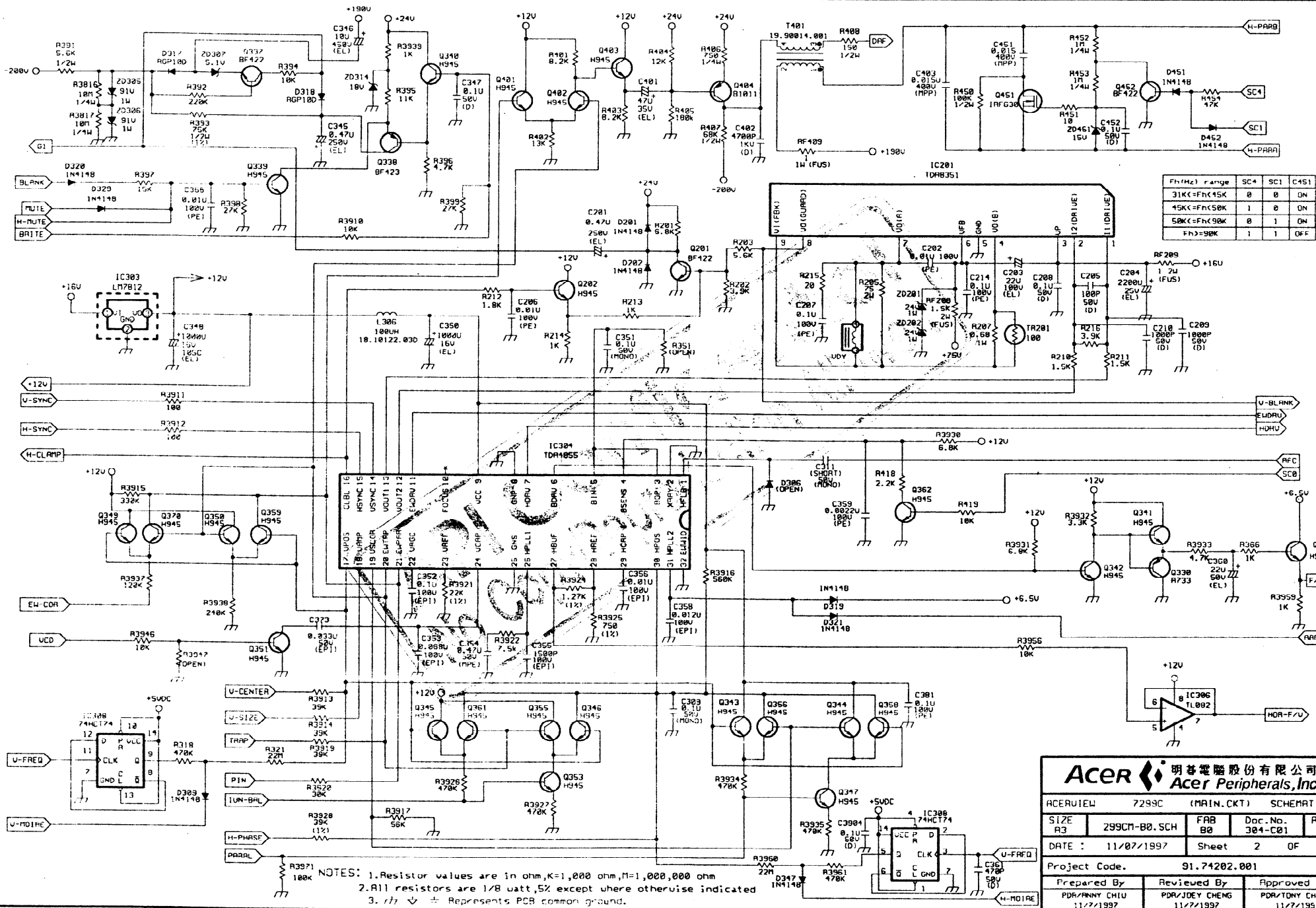
ACERVIEW 7299C (MAIN.CKT) SCHEMATICS

SIZE A3 299CM-B0.SCH FAB B0 Doc.No. REV. 2

DATE : 11/07/1997 Sheet 1 OF 4

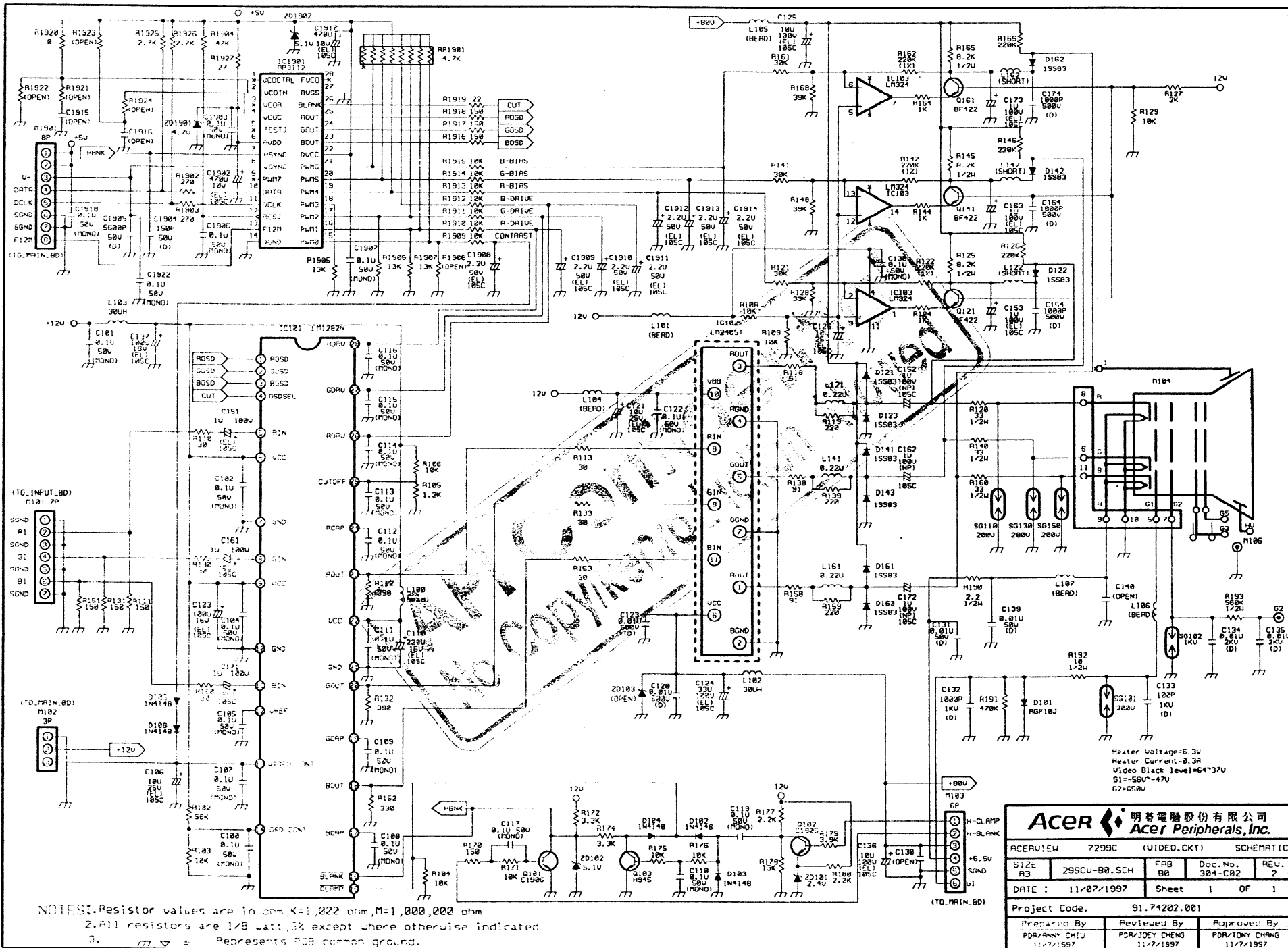
Project Code. 91.74202.001

Prepared By: PDR/JDY CHU 11/27/1997
 Reviewed By: PDR/JDY CHU 11/27/1997
 Approved By: PDR/TYONG CHANG 11/27/1997



NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
 2. All resistors are 1/8 watt, 5% except where otherwise indicated
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Acer 明基電腦股份有限公司 Acer Peripherals Inc.			
ACERU1EW	7299C	(MAIN.CKT)	SCHEMATIC
SIZE	A3	299CN-B0.SCH	FAB B0
Doc. No.	304-C01	RE	
DATE :	11/07/1997	Sheet	2 OF
Project Code.	91.74202.001		
Prepared By	Reviewed By	Approved By	
PDR/ANNY CHIU	PDR/JOEY CHENG	PDR/TONY CHR	
11/27/1997	11/27/1997	11/27/1997	



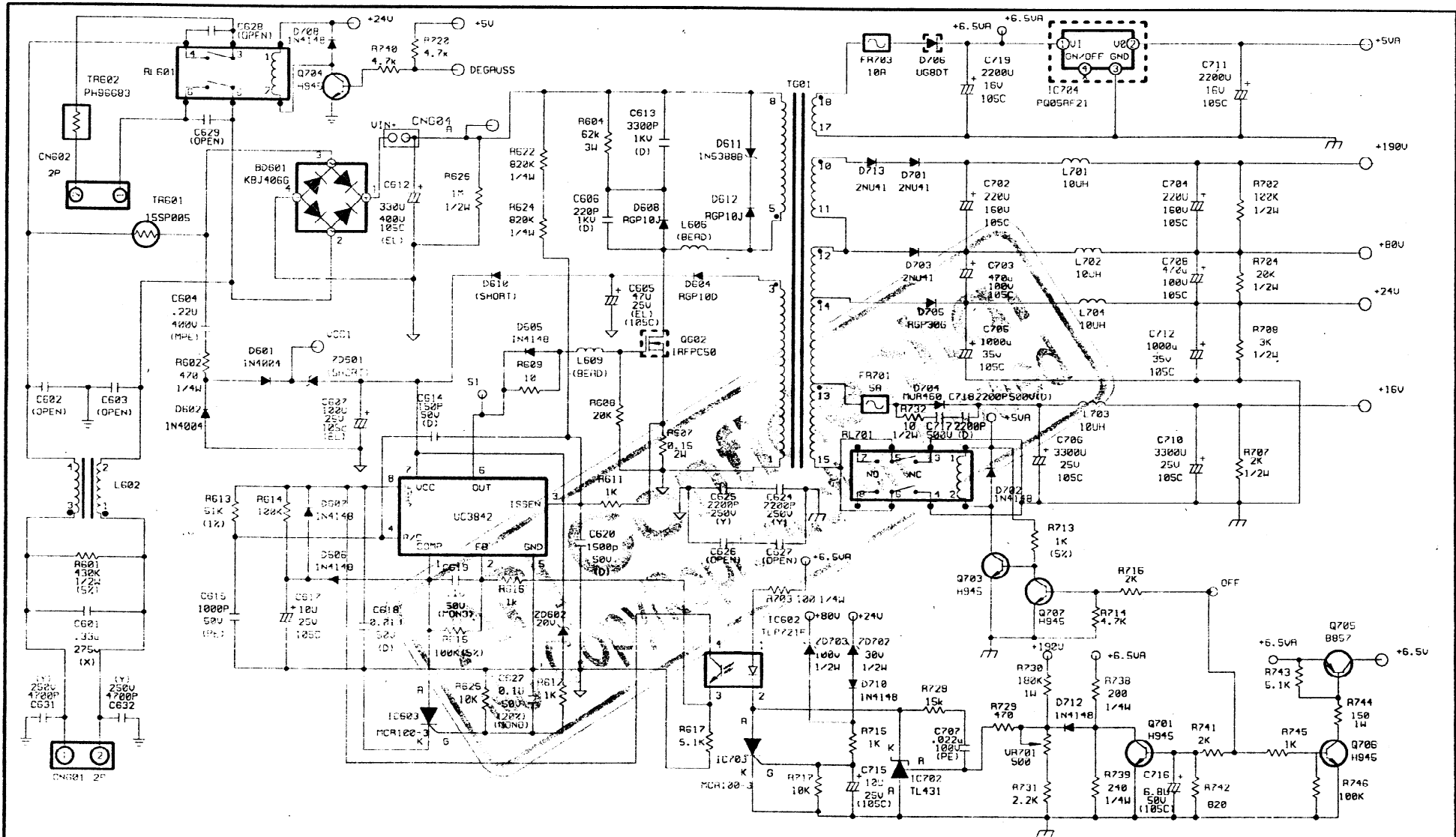
Heater Voltage=6.3V
 Heater Current=0.3A
 Video Black Level=64*37V
 G1=-56V-47V
 G2=650V

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Acer Peripherals, Inc.

ACER/VIEW	7299C	(VIDEO_CKT)	SCHEMATIC
SIZE	299CU-80.SCH	FAB	Doc.No. 304-C02
DATE	11/07/1997	Sheet	1 OF 1

Project Code.	91.74202.001
Prepared By	Reviewed By
PO/ANNY CHIU	PO/JOEY CHENG
11/27/1997	11/27/1997

NOTES: 1. Resistor values are in ohm, K=1,000, M=1,000,000 ohm
 2. All resistors are 1/8 Watt, 5% except where otherwise indicated
 3. --- Represents PCB common ground.



NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
 2. All resistors are 1/8 watt except where otherwise indicated
 3. ∇ ∇ ∇ Represents PCB common ground.

- CN702
- ① +180V
 - ②
 - ③ +75V
 - ④ +24V
 - ⑤ GND
 - ⑥ +16V
 - ⑦ +6.5V
- CN701
- ① +5V
 - ② GND
 - ③ DEGAUSS
 - ④ OFF

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 Acer Peripherals, Inc.

RCERVIEW 7299C (SPS.CKT)		SCHEMATICS	
SIZE A3	299CP-00.SCH	FAB 00	Doc.No. 304-C04
DATE: 11/07/1997	Sheet 1	OF 1	
Project Code. 91.74202.001			
Prepared By PDR/ANNY CHIU 11/27/1997	Reviewed By PDR/JACK CHEN 11/27/1997	Approved By PDR/TONY CHANG 11/27/1997	