

☐ Product System (PS)

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0. Introduction :

The subject model is designed for a value line 15" color monitor. It has the following figures :

-  0.28mm dot pitch CRT, 65MHz video bandwidth ,1024x768 max resolution.
-  Low radiation MPRII standard,
-  ISO 14000 certificate green design. (Refer Table 4)
-  Optional items : Audio

1. Electrical Characteristics

1.1 POWER SUPPLY	Condition	Spec	OK	N.A	Remark
Voltage	Universal input full range	90~264VAC /47~63Hz	√		
Input Current	90 ~ 264VAC	2.0 Arms	√		
Power consumption	On	≤ 75 W max(w/o Audio)	√		LED : Green
		≤ 90 W max(with Audio)			
Input Voltage Transients		280 volts for 10 seconds @40℃	√		
DPMS	Standby	≤ 60 W(w/o Audio)	√		LED : Green
	Suspend	≤ 5 W(w/o Audio)	√		LED : Amber Blink
	Off	≤ 5 W(w/o Audio)	√		LED : Amber Blink
Inrush Current	220 VAC/50Hz	40 Amp peak	√		cold-start
Leakage Current	264 VAC/50Hz	< 3.5mA	√		
Hi-Pot	1.1500VAC, 1 sec	w/o damage	√		(in-line test)
	2. Ground test : 30A, 1sec	< 0.1 ohm			(in-lab test)
Power cord	Length : 1800 mm	Color : Flint Gray	√		KC-003
1.2 SIGNAL INTERFACE	Condition	Spec	OK	N.A	Remark
Pin assignment		5V on Pin 9	√		
Video input	Level / Impedance	700mV / 75 Ohm	√		
Sync input	Level	TTL-Positive/Negative	√		
	Impedance	50 Ohm on H-sync cable	√		
Signal Cable	D-Sub	1800mm +/- 20mm	√		
	BNC			√	
	Color	Flint Gray	√		
1.3 SCAN RANGE		Spec	OK	N.A	Remark
Horizontal		30 ~ 54 KHz	√		
Vertical		50~ 120 Hz	√		

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1.4 VIDEO PERFORMANCE	Condition	Spec	OK	N.A	Remark
Dot Rate		65 MHz	√		
Max. Resolution		1024 x 768	√		
Rise time/Fall time		10 ns	√		
Video Ringing		15% max	√		
Sag		5% max	√		
DDC Version		DDC1/2B	√		
EDID		Ver 1 ,Rev 2	√		see Table 1
1.5 TIMINGS	Preset mode No. : 8	User mode No. : 12			
Preset	Resolution	Fh (KHz) / Fv (Hz)	OK	N.A	Remark
VGA400	640x400	31.47KHz/70Hz	√		Timing113
VGA480	640x480	31.47KHz/59.94Hz	√		Timing114
VESA480	640x480	37.86KHz/72.81Hz		√	
6448A	640X480	37.5KHz/75Hz	√		Timing303
6448B	640X480	43.269KHz/85Hz	√		Timing224
SVGA2	800x600	37.88KHz/60.32Hz	√		Timing118
SVGA3	800x600	48.09KHz/72.12Hz		√	
SVGA4	800x600	46.88KHz/75Hz	√		Timing305
SVGA5	800x600	53.67KHz/85Hz	√		Timing225
Apple 16"	832x624	49.71KHz/74.533Hz		√	
UVGA1	1024x768	48.36KHz/60Hz	√		Timing120
UVGA7	1024x768	60.023KHz/75.029Hz		√	
Super MAC 19	1024x768	60.24KHz/75Hz		√	
UVGA8	1024x768	68.68KHz/85Hz		√	
WS2	1280x1024	64.317KHz/60.392Hz		√	
WS8	1280x1024	91.15KHz/85Hz		√	
1.6 Audio Performance				√	option; see table 5

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2.Environment & Reliability

	Condition	Spec	O K	N.A	Remark
Operation Temp./Humidity		+5 ~ +40℃ / 10~80% R.H.	√		Non-condensing
Non- Operation Temp./Humi.	storage	0~ +60℃ / 5~90% R.H.	√		Non-condensing
	shipping	-40~ +60℃ / 5~95% R.H.			
Altitude	Operating condition	0~3048m (10,000ft)	√		Without packing
	Non-operating condition	0~12,192m (40,000ft)	√		With packing
Vibration 1)Sine Wave Vibration	Package, Non-Operating	5 ~ 26.6Hz /0.6g 26.6 ~ 50Hz /0.016” 50~500Hz/ 2.0g (104 Minutes/Axis for x, y, z)	√		
2)Random Vibration	Package, Non-Operating	5 ~ 100Hz, 0 dB/Oct. 0.015g ² /Hz 100 ~ 200Hz, -6 dB/Oct., ----- 200Hz, ----- , 0.0038g ² /Hz	√		
	Non-package, Non-Operating	20Hz~2000/ 0.0185g ² /Hz	√		
Drop (With packing)	Package, Non-Operating	14.5kg - 76cm Height 1 corner, 3 edges, 6 faces.	√		
Electrostatic Discharge	IEC801-2 standard	Contact:8KV, Air:15KV	√		0.5~8KV tip table no blanking
Acoustical Noise		≤ 40 dB/A	√		
Power Line Transient	IEC801-4,IEC1000-4-4	Coupling clamp 0 ~ 4KV	√		
	IEC1000-4-5 (Surge)	Common:2KV,Differential:1KV	√		
	IEC1000-4-12 (100KHz ringwave)	Common:3KV,Differential:1KV		√	
MTBF Demonstration	90% confidence level	≥ 60,000 Hrs	√		Excluding the CRT
MTBF Prediction	MIL-217F	≥ 80,000 Hrs	√		Excluding the CRT
CRT Life	78% degradation	> 10000 Hrs	√		

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3.CRT Characteristics

		Spec	OK	N.A	Remark
CRT Vender		PHILIPS	√		
Technology		FST	√		
Coating		ASAG	√		
Dot pitch		0.28mm	√		
Phosphor		P22	√		
Light transmittance		57%	√		
Viewable size		13.86"	√		
Deflection angle		90 deg	√		
Blemishes and scratches		1 trio missing ,as approval sheet	√		see table 2

4.Front of Screen

4.1 GEOMETRY	Condition	Spec	OK	N.A	Remark
Magnetic Environment	Northern Hemisphere	$H = 0 \pm 0.05$ $V = +0.45 \pm 0.05$	√		
	Southern Hemisphere	$H = 0 \pm 0.05$ $V = -0.45 \pm 0.05$	√		
	Equatorial	$H = 0 \pm 0.05$ $V = 0 \pm 0.05$	√		
Size	Hor.	$270 \pm 4 \text{ mm}$	√		
	Ver.	$202 \pm 4 \text{ mm}$	√		
Centering	Hor. & Ver.	$ A-B , C-D < 4 \text{ mm}$	√		See table 3
Geometric Distortion	Line straightness to bezel	$\leq 2.0 \text{ mm}$ to the bezel all sides	√		See table 4 for TCO99
	Short segments < 100mm	$\leq 1 \text{ mm}$	√		“
	Long segment 100-200mm	1% of Line segment length	√		
	Hor./Ver. Trapezoid	$\leq 2 \text{ mm}$	√		
	Tilt	$\leq 0.5 \text{ degree}$	√		
	Orthogonal	$< 1.5 \text{ mm}$	√		
Linearity	Hor. & Ver.	$\leq 10 \%$	√		$(X_{\max} - X_{\min}) / X_{\text{mean}} * 100$ $X_{\text{mean}} = (X_{\max} + X_{\min}) / 2$

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4.2SHARPNESS CRISPNESS	Condition	Spec	OK	N.A	Remark
Focus	Reverse character(white background and black characters)	“e, m” at cut-off and 800 x 600 resolution	√		The distance of watch is 30cm from eyes to screen
Mis-convergence		$A \leq 0.3\text{mm}$, $B \leq 0.35\text{mm}$	√		
Moire	Over 18Ft-L	no visible moire	√		
Swing		not permitted	√		”
Jitter	DIN 66234 T2	$\leq 0.1\text{mm}$	√		”
4.3 LIGHT QUALITY	Condition	Spec	OK	N.A	Remark
White Balance	Full white center (Brit. cut-off & Cont. max.)	$x = 0.281 \pm 0.015$ $y = 0.311 \pm 0.015$	√		@ VGA480 640x480 31KHz/60Hz
Purity W,R,G,B	X max-X min & Y max-Y min	< 0.015	√		”
Color Tracking	Brightness cut off	$x, y \text{ (nominal)} \pm 0.025$	√		”
Min Luminance, Full scan	Full white pattern	$> 29\text{Ft-L min.}$	√		”
Min Luminance, 20% till	3” Block	$> 40\text{Ft-L min.}$	√		”
Brightness Uniformity	Full white pattern	$\geq 75\%$ (center to any point)	√		”
Raster light O/P	Bright./Cont. Max.	$0.5 \sim 1.5\text{Ft-L}$	√		”
Contrast ratio	Max/Min	5:1	√		”
4.4 IMAGE STABILITY	Condition	Spec	OK	N.A	Remark
H/V regulation	Short Term	$< 0.5\text{mm}$	√		
	Long Term	$< 2\text{mm} $	√		
Flicker		No flicker	√		
Ringing		No visible DY Hor. Video ringing	√		

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5. User Controls

5.1 BASIC	Function	Spec	OK	N.A	Remark
	Power Switch		√		
	Contrast		√		
	Brightness		√		
	H Size		√		
	H Position		√		
	V Size		√		
	V Position		√		
	Barrel/Pincushion		√		
	Parallelogram			√	
	Trapezoid		√		
	I-Key			√	
5.2 ADVANCED	Function	Spec	OK	N.A	Remark
	OSD position			√	
	Color Gain			√	
	Corner			√	
	Pin-balance			√	
	Tilt		√		
	Color Temp. C1~C5	9300K,6500K,5500K,7100K,11500K		√	
	Manual Degauss			√	
	Recall		√		press "SELECT +" & "ADJUST-"
	Languages	5 languages		√	
	Mis-Convergence adj.			√	
	Moire adj.			√	
	D-sub/BNC switch			√	

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6. Mechanical Characteristics

6.1 DIMENSION		Spec	OK	N.A	Remark
Bezel opening		283 x 211.5 mm	√		
Monitor w/o Stand	L x W x H mm	396 x 367 x 328 mm	√		
Monitor w Stand	L x W x H mm	396 x 367 x 386 mm	√		
Carton Box (outside)	L x W x H mm	492 x 458 x 460 mm	√		
Tilt and Swivel range		Tilt : -4.8/+12.5 degree Swivel:- 45/ +45 degrees	√		
6.2 WEIGHT		Spec	OK	N.A	Remark
Monitor (Net)		12.5 kg	√		
Monitor w packaging(Gross)		14.5 kg	√		
6.3 PLASTIC		Spec	OK	N.A	Remark
Flammability		UL 94-V0	√		
Heat deflection To	ABS	65 °C	√		
UV stability	ABS	Delta E< 1.4 after 300Hr Xted test	√		MRR2 Model
Resin		MPR2 : ABS	√		
Texture		RE-6625	√		
Color		Light Gray	√		
6.4 CARTON		Spec	OK	N.A	Remark
Color		Kraft	√		
Material		A B Flute	√		
Compression strength		530 KGF	√		
Burst Strength		19.4 KGF/cm2	√		
Stacked quantity		4 Layers	√		

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7. Pallet & Shipment

7.1 Dimension

Transport Type		Pallet A	Pallet B	Pallet C
Shipping Pallet Dimension(mm)	Length	1374	916	X
	Width	984	984	X
	Height	130	130	X
Air Transport Pallet Dimension(mm)	Length	1150	1713	X
	Width	990	990	X
	Height	130	130	X

7.2 Shipping Container

Stowing Type		Quantity of products (sets) (Every container)	Quantity of Products (sets) (Every Pallet)	Quantity of pallet (sets) (Every Container)
With pallet	20'	220	Pallet A: 24	Pallet A: 12
			Pallet B: 16	Pallet B: 12
	40'	480	Pallet A: 24	Pallet A: 5
			Pallet B: 16	Pallet B: 5
Without pallet	20'		X	X
			X	X
	40'		X	X
			X	X

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7.3 Air Transport Container

Container Type	Quantity of products (sets) (Every container)	Quantity of Products (sets) (Every Pallet)	Quantity of pallet (sets) (Every Container)
Container 3048 * 2286 * 2438	150	Pallet A: 30	Pallet A: 3
		Pallet B: 20	Pallet B: 3

8. Certification

	Condition	Spec	OK	N.A	Remark
Environment	Green design	API Doc. 715-C49	√		ISO14000 Requirement
	Blue Angel	German Standard		√	
	E-2000	Switzerland		√	
	NUTEK	Swedish Standard		√	
	EPA	USA Standard	√		
	EN61000-3-2 Harmonics			√	
	TCO92/95			√	
	TCO99			√	
PC-Monitor	Microsoft Windows	PC98/99	√		
	DPMS	VESA	√		
	DDC 1/2B	Version 2.0	√		
	USB	External		√	option
Safety	UL (USA)	UL 1950 3 rd edition	√		
	CSA (Canada)	C22.2 No. 950-M89	√		
	DNSF	EN60950	√		
	IEC950	+A1+A2+A3+A4	√		
	EN60950	+A1+A2+A3+A4	√		
	73/23/EEC		√		

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	CB (Nordics)		√		
	TUV/GS	EN60950	√		
	CCIB (China)			√	
	EIAJ/JEIDA (Japan)			√	
	NOM (Mexico)		√		
	IAA (Korea)			√	
EMC	CE Mark	89/336/EEC	√		
	FCC (USA)	Class B	√		
	EN55022	Class B	√		
	CISPR 22	Class B	√		
	VCCI (Japan)	Class B	√		
	BCIQ (Taiwan)		√		
	C-Tick (Australia)	AS3548	√		
	RRL (Korean)			√	
X- Ray Requirement	DHHS (21 CFR)	USA X- Ray Standard	√		
	DNHW			√	
	PTB	German X- Ray standard	√		
	MPRII		√		
	MPRIII			√	
Ergonomics	ZH1/618	German ergonomic	√		
	ISO9241-3 -7 & 8		√		

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9. Appendix Table

Table 1 - DDC Table

Address	Data	Description
00	00	Header
01	FF	
02	FF	
03	FF	
04	FF	
05	FF	
06	FF	
07	00	
08	10	ID Manufacturer Name = DEL
09	AC	(EISA 3 character ID)
0A	F1	ID Product Code = A2F1
0B	A2	(Vender Assigned code)
0C	*	ID Serial Number (varies)
0D	*	Incrementing Base 36 (Dell's format)
0E	*	ASCII format, LSB first
0F	*	
10	*	Actual week of manufacture (0-53)
11	*	Actual year of manufacture (year - 1990)
12	01	EDID version = 1
13	02	Revision = 2
14	08	Video Input Define
15	1B	Max. H. Image Size (270 mm)
16	14	Max. V. Image Size (202 mm)
17	*	(gamma*100) - 100 (see Note)
18	EA	DPMS
19	*	Red Green Bits Rx1Rx0Ry1Ry0Gx1Gx0Gy1Gy0
1A	*	Blue White Bits Bx1Bx0By1By0Wx1Wx0Wy1Wy0
1B	*	Red x bit9-2
1C	*	Red y bit9-2
1D	*	Green x bit9-2 (see Note)
1E	*	Green y bits9-2
1F	*	Blue x bit9-2
20	*	Blue y bit9-2
21	*	White x bit9-2 (White x=0.281)
22	*	White y bit9-2 (White y=0.311)

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Address	Data	Description
23	A5	Established Timing I
24	48	Established Timing II (preset modes)
25	00	Established Timing III
26	01	#1 Standard Timing Identification
27	01	
28	45	#2
29	59	800*600 @ 85Hz
2A	01	#3
2B	01	
2C	31	#4
2D	59	640*480 @ 85Hz
2E	01	#5
2F	01	
30	01	#6
31	01	
32	01	#7
33	01	
34	01	#8
35	01	
36	F9	Detailed Timing Description # 1
37	15	pixel clock = 56.25 MHz
38	20	H active = 800
39	F8	H blanking = 248
3A	30	H front porch = 32
3B	58	H back porch = 152
3C	1F	H sync pulse = 64
3D	20	H border = 0
3E	20	H size = 270 mm
3F	40	V active = 600
40	13	V blanking = 31
41	00	V front porch = 1
42	0E	V back porch = 27
43	CA	V sync pulse = 3
44	10	V border = 0
45	00	V size = 202 mm
46	00	
47	1E	H/V = +/-

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Address	Data	Description
48	00	Detailed Timing Description # 2
49	00	Monitor serial number
4A	00	
4B	FF	
4C	00	
4D	*	DELL monitor serial number format
4E	*	As it appears on the back of the unit
4F	*	
50	*	
51	*	
52	*	
53	*	
54	*	
55	*	
56	*	
57	*	
58	*	
59	0A	
5A	00	Detailed Timing Description # 3
5B	00	Monitor's name = DELL E550
5C	00	
5D	FC	
5E	00	
5F	44	D
60	45	E
61	4C	L
62	4C	L
63	20	
64	45	E
65	35	5
66	35	5
67	30	0
68	0A	
69	20	
6A	20	
6B	20	

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Address	Data	Description
6C	00	Detailed Timing Description #4
6D	00	Monitor range limit
6E	00	
6F	FD	
70	00	
71	32	Vs min = 50 Hz
72	78	Vs max = 120 Hz
73	1E	Hs min = 30 kHz
74	36	Hs max = 54 kHz
75	FF	
76	00	
77	0A	
78	20	
79	20	
7A	20	
7B	20	
7C	20	
7D	20	
7E	00	Extension Flag
7F	*	Check sum

Note

CRT Vender	Philips
17h	BB

CRT Vender	Philips
19h	A2
1Ah	AE
1Bh	9E
1Ch	59
1Dh	4E
1Eh	99
1Fh	27
20h	10
21h	47
22h	4F

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Table 2 - CRT Blemish & Scratch Spec

The following criteria is applied to blemishes.

Blemishes		Allowable No. of Blemishes			Allowable Minimum Separation	
		Zone A	Zone B	Total (Zones A & B)		
					Zone A	Zone B
A	1 trio	1	1	1	---	---
B	(1)	0	0	0	---	---
C	(2)	0	2	2	---	50
	(3)	1	2	2	---	20
D	1 dot	Green	3	8	50	20
		Red	4			
		Blue	4			

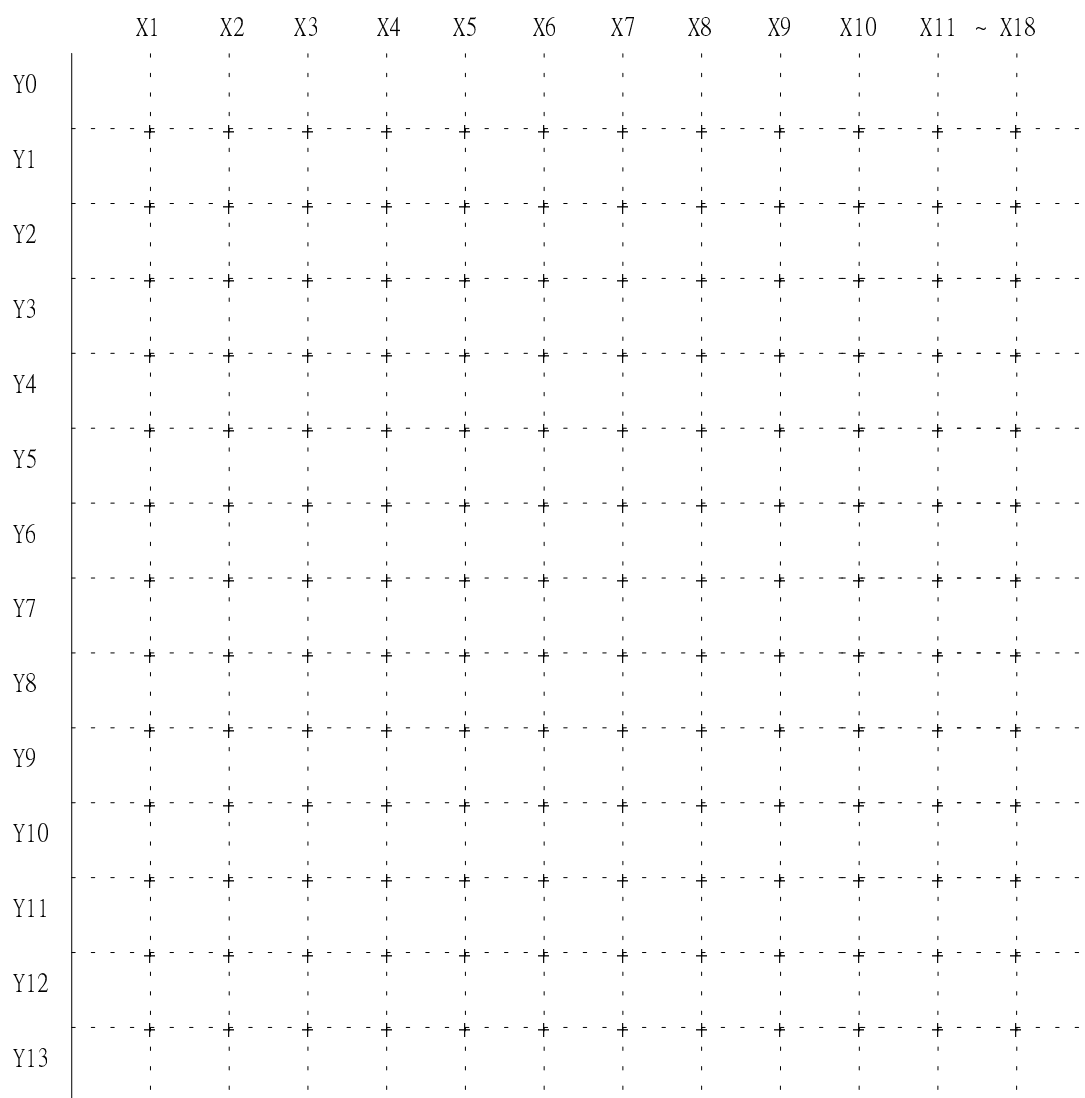
- (1) 3 or more consecutive same color phosphor dots.
- (2) 2 consecutive same color phosphor dots.
- (3) 2 consecutive different color phosphor dots.

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Subject:	Engineering Specification	Part No.:	91.71602.132	Rev.:	0
		Doc. No.	201-C06		
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Model Name:	7254E (DELL E550mmw)				

Table 3 - Geometry Fig.

Fig.1 Linearity Measurements



Xmax - Xmin

Xmean

X 100% < 10%

Xmax + Xmin

Xmean = -----

2

Ymax - Ymin

Ymean

X 100% < 10%

Ymax + Ymin

Ymean = -----

2

☐ Product System (PS)

Subject: Engineering Specification

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Rev.: 0

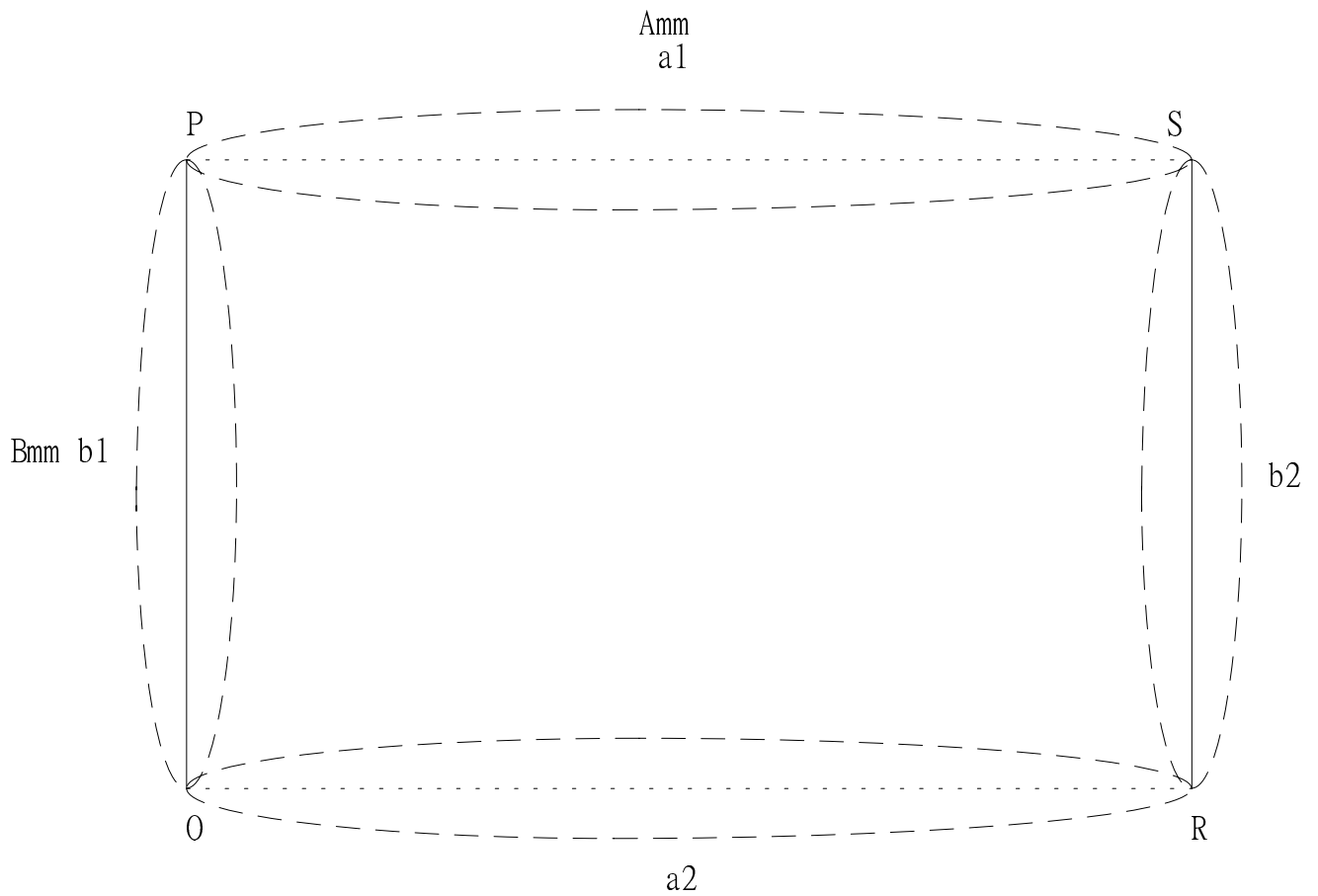
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Model Name: 7254E (DELL E550mmw)

Fig.2 General Pincushion Measurements



A, B represented as display area width and height

Top/Bottom Pincushion = (a1 or a2)

Side Pincushion = (b1 or b2)

Substituted A by $(PS + QR)/2$

B by $(PQ + RS)/2$

☐ Product System (PS)

Subject: Engineering Specification

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Rev.: 0

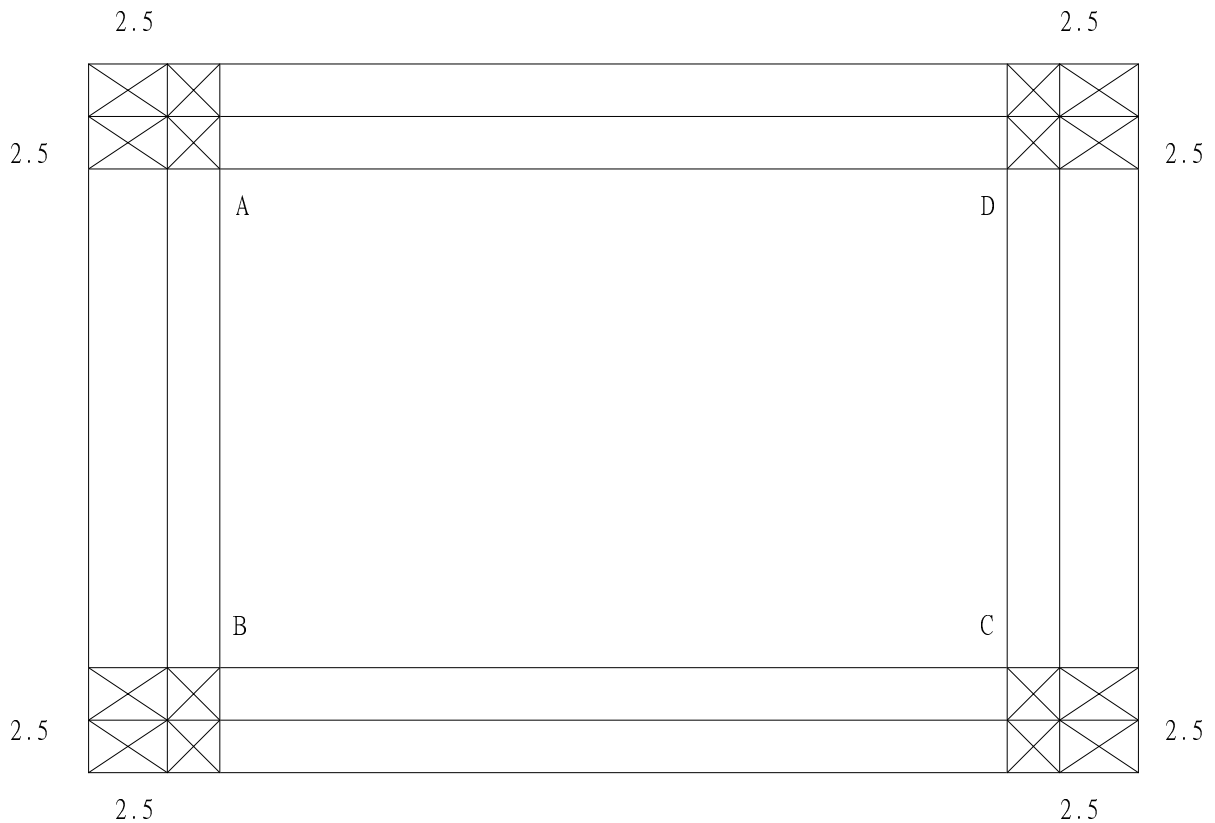
Doc. No. 201-C06

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Model Name: 7254E (DELL E550mmw)

Fig.3 Trapezoid Measurements



* Each of the 4 corners of picture shall fall within the relevant area (F) illustrated up (hatched)

* ABCD is the picture outlines.

□ Product System (PS)

Subject: Engineering Specification

Part No.: 91.71602.132

Rev.: 0

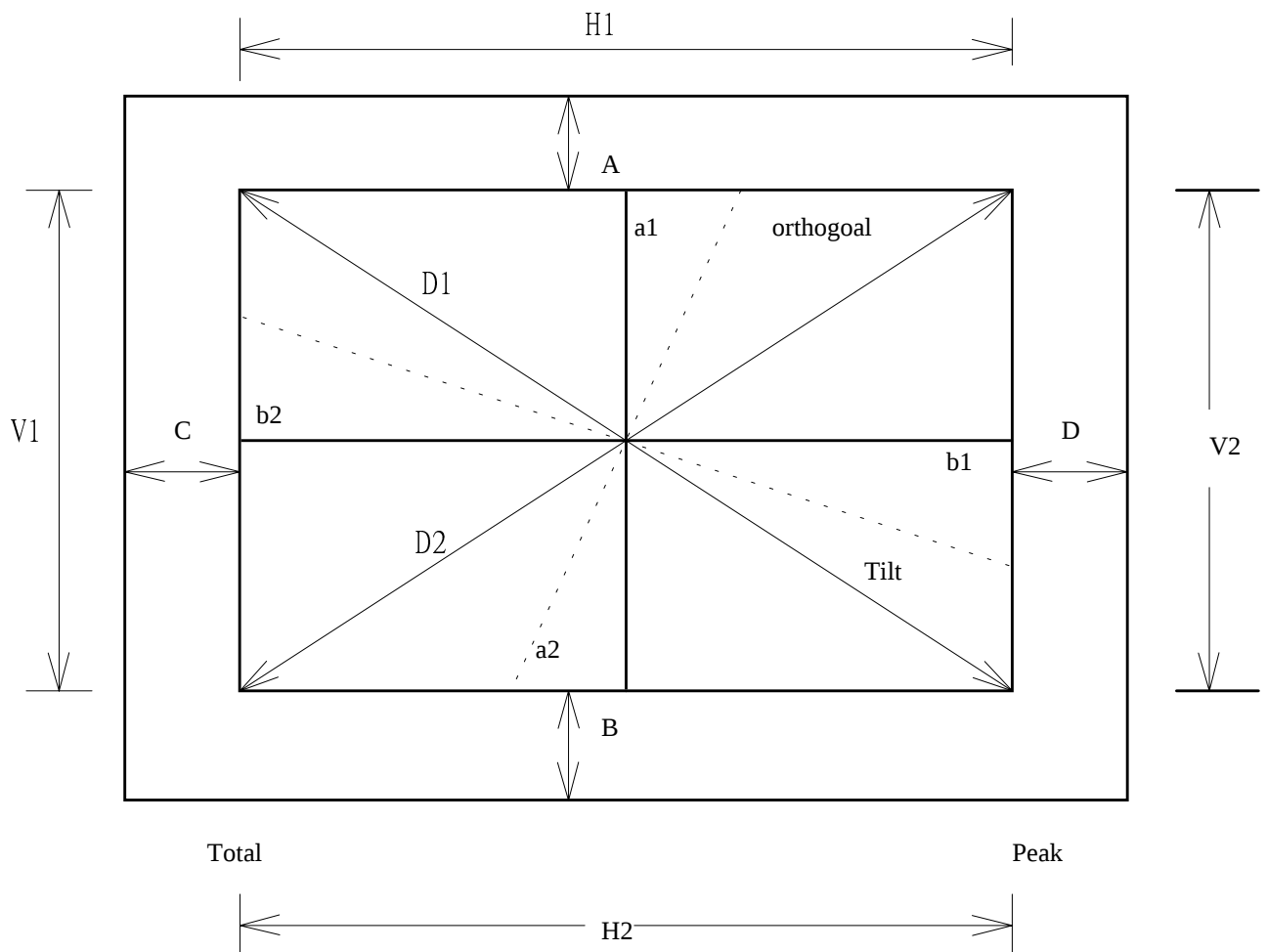
Doc. No. 201-C06

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Model Name: 7254E (DELL E550mmw)

Fig.4 Picture Distortion & Phase Measurements



$$\frac{|H1 - H2|}{0.5(H1 + H2)} \leq 0.02$$

$$\frac{|V1 - V2|}{0.5(V1 + V2)} \leq 0.02$$

$$\frac{|D1 - D2|}{0.5(D1 + D2)} \leq 0.03$$

□ Product System (PS)

Subject: Engineering Specification

Part No.: 91.71602.132

Rev.: 0

Doc. No. 201-C06

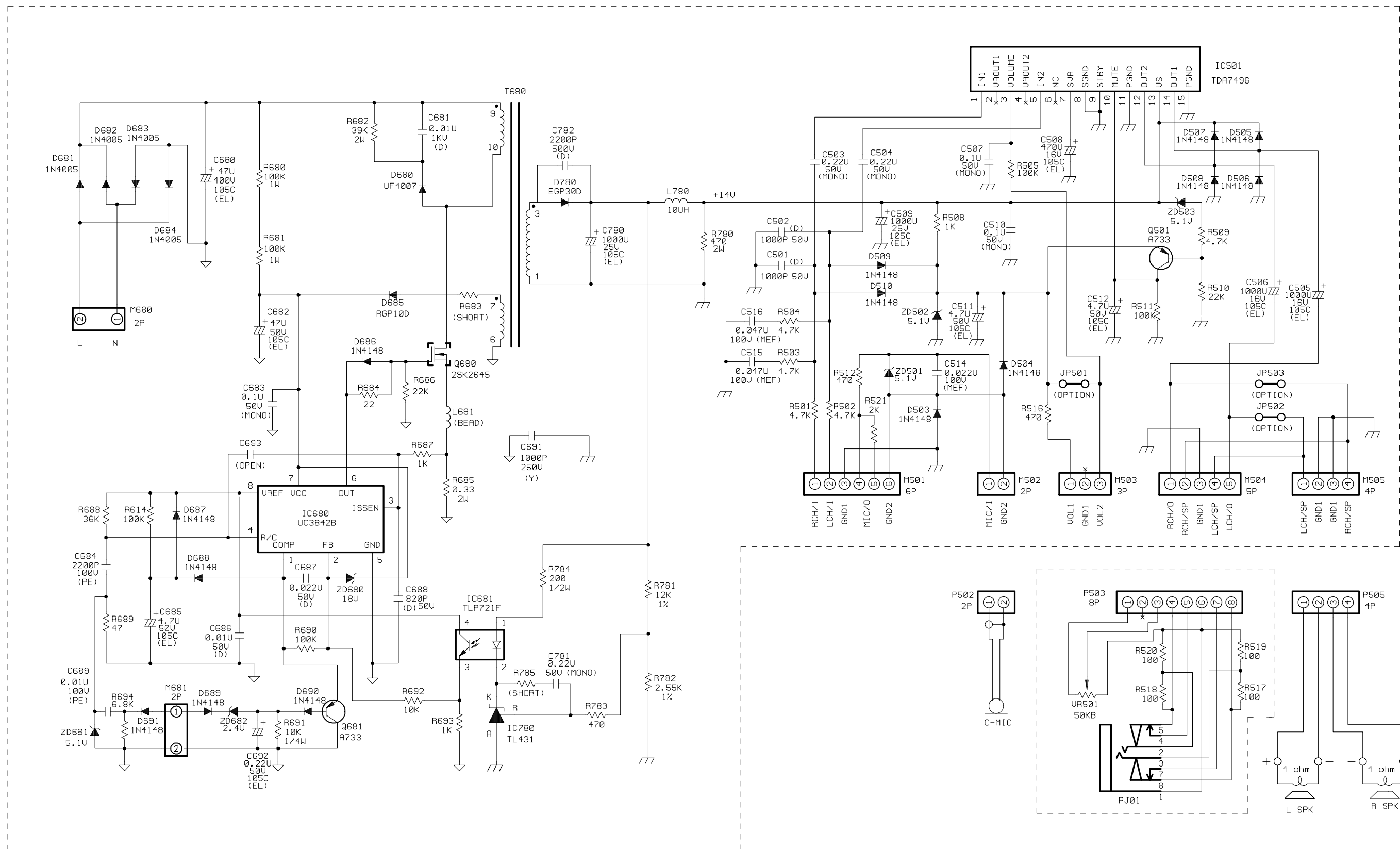
Project Code: 91.71602.001

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Model Name: 7254E (DELL E550mmw)

Table 4 : Audio Performance

A. Audio Amplifier	Condition	Spec	OK	N.A	Remark
Input Signal Voltage	Max.	2Vpp	√		
Sensitivity	Volume Max.	200mVrms +/- 40%	√		
Max. output power	1KHz, 10% THD	2Wrms/ch	√		
Input Impedance		>4.7KΩ	√		
Channel Separation		>40dB	√		
THD	1W O/P	<1%	√		
S/N Ratio		>40dB	√		
R/L Channel Balance		<3dB	√		
B. Speaker Driver	Condition	Spec	OK	N.A	Remark
Nominal Impedance		4Ω	√		
Maximum Input Power		2W/ch	√		
Frequency Response		200~20KHz	√		
Mean Sound Pressure Level		83 +/- 3dB	√		
Size		2"	√		
Magnetic Shield		Required	√		
C. Microphone	Condition	Spec	OK	N.A	Remark
Sensitivity	0dB=1V/ u bar , 1Khz Vcc=4.5V , RL=1KΩ	-60 +/- 3dB	√		
Directivity		Omni-directional	√		
Frequency Response		100Hz~12KHz	√		
D. Audio Control	Condition	Spec	OK	N.A	Remark
Volume Control		Analog		√	
Headphone Jack		10mW/32Ω		√	



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. $\nabla \rightarrow \oplus$ Represents PCB common ground.

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ACERVIEW 7254E E550MM (AUDIO. CKT) SCHEMATICS

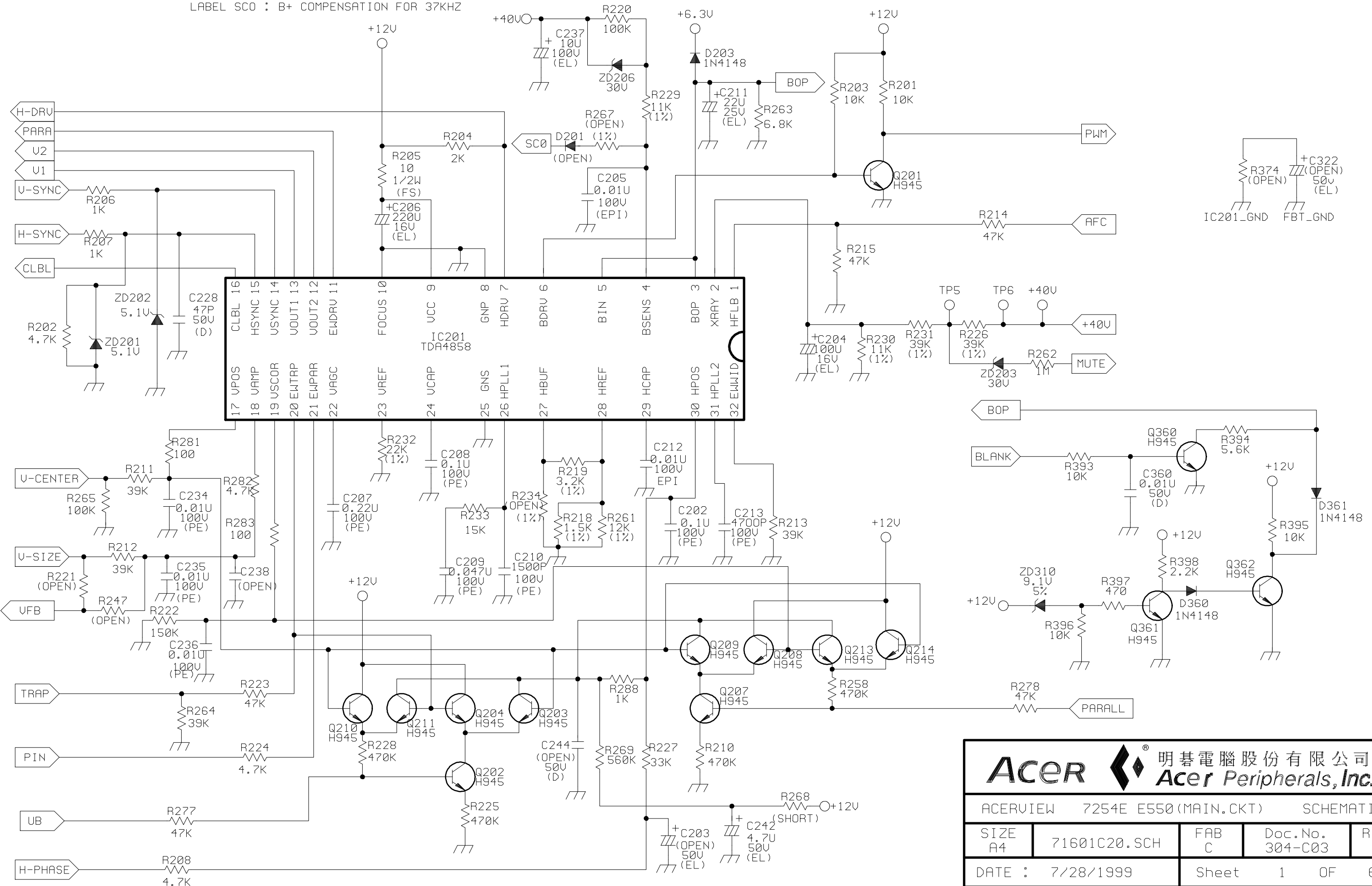
SIZE A3	71603A20.SCH	FAB A	Doc.No. 304-C05	REV. 0
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DATE : 8/3/1999	Sheet 1 OF 1
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Project Code. 91.71602.037

Prepared By CHRIS PENG 8/4/99	Reviewed By SJ YANG 8/4/99	Approved By JESSE LIN 8/4/99
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LABEL SCO : B+ COMPENSATION FOR 37KHZ



- 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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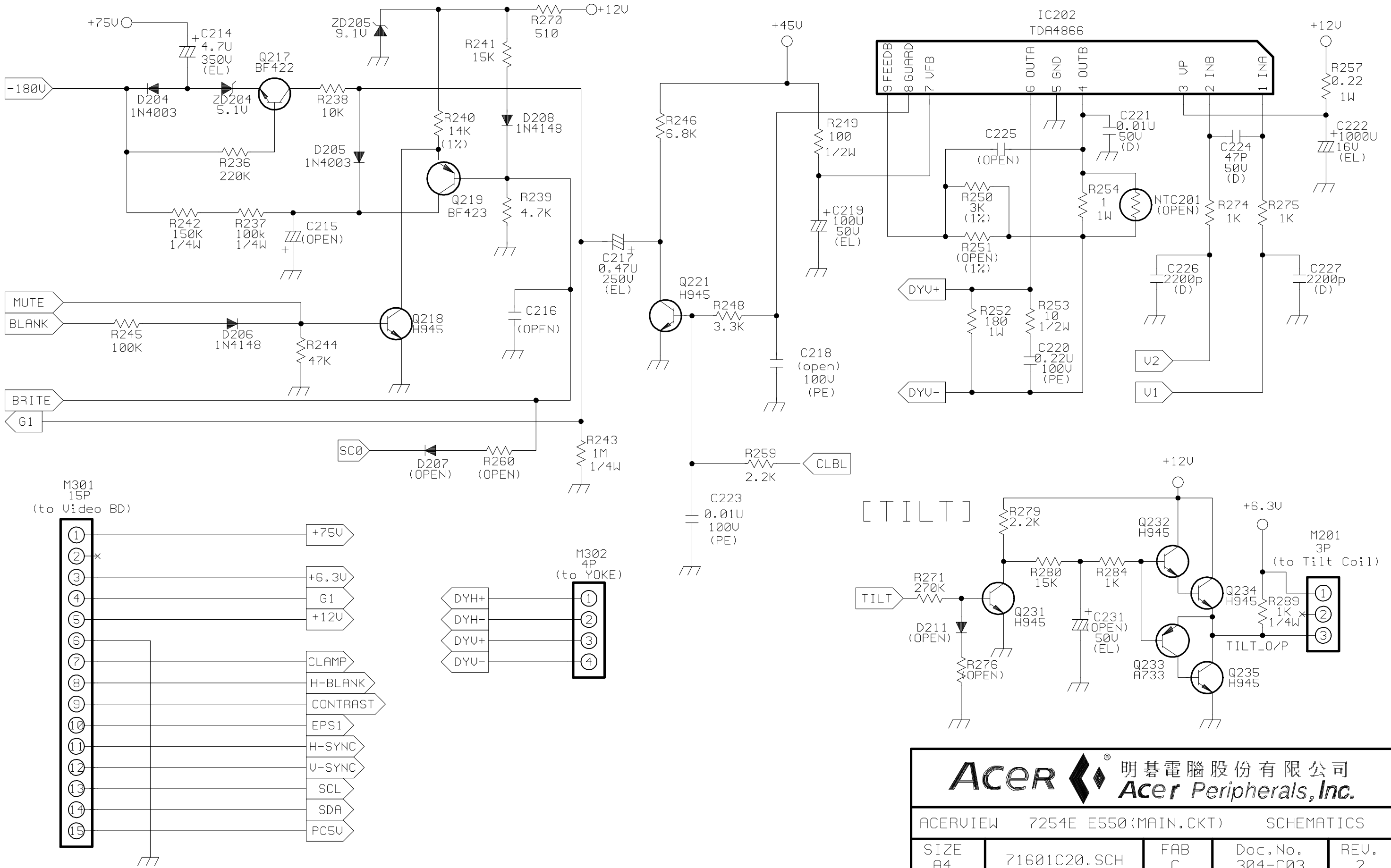
ACERVIEW 7254E E550 (MAIN.CKT) SCHEMATICS

SIZE	71601C20.5CH	FAB	Doc.No.	REV.
A4		C	304-C03	2

DATE : 7/28/1999 Sheet 1 OF 6

Project Code. 91.71602.037

Prepared By	Reviewed By	Approved By
CHRIS PENG 7/28/99	JOEY CHENG 7/28/99	SY YANG 7/28/99

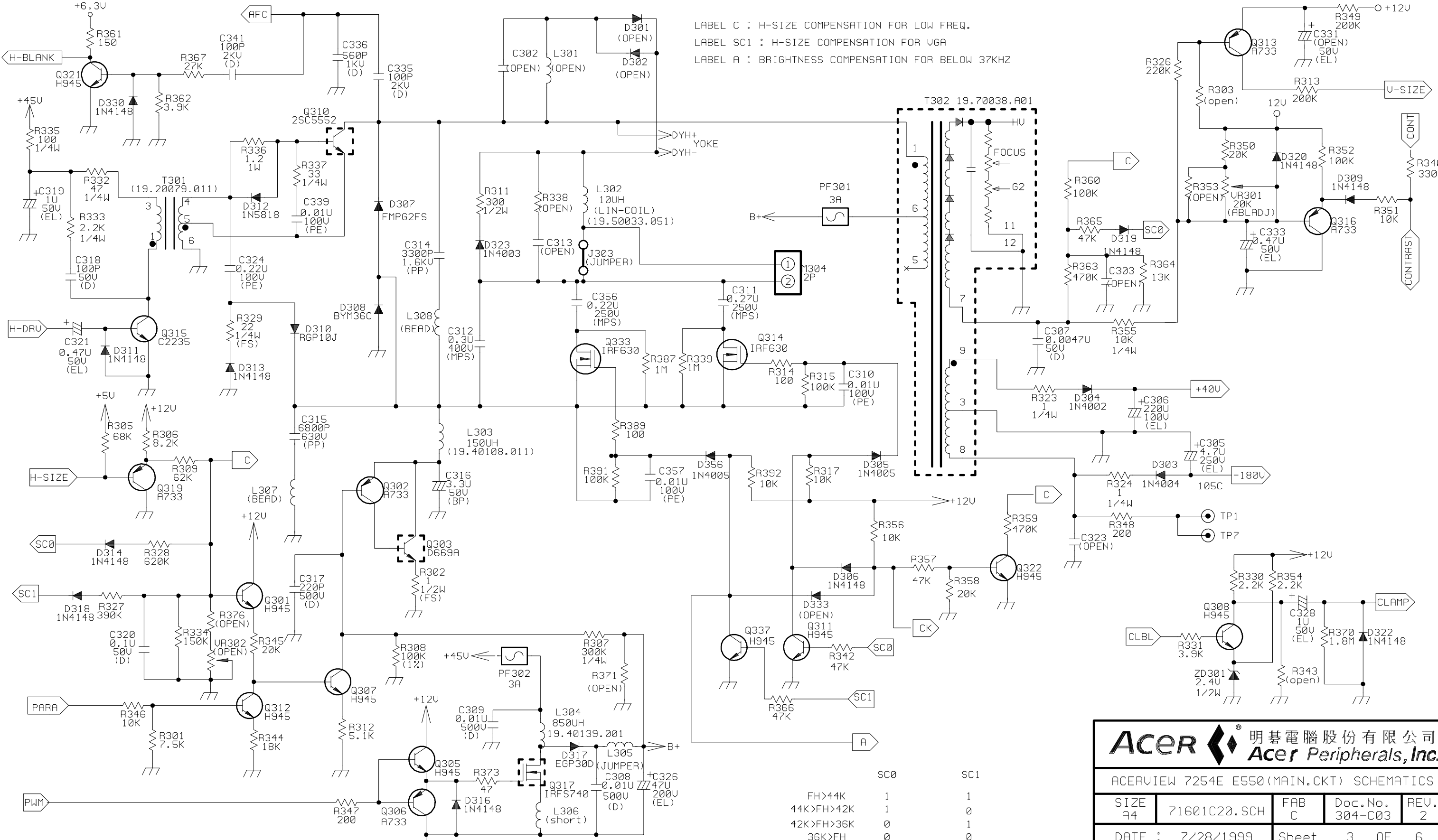


NOTE 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
2. All resistors are 1/8 watt, 5% except where otherwise indicated
3.    Represents PCB common ground.



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ACERVIEW 7254E E550 (MAIN.CKT) SCHEMATICS				
SIZE A4	71601C20.SCH	FAB C	Doc.No. 304-C03	REV. 2
DATE : 7/28/1999		Sheet	2	OF 6
Project Code. 91.71602.037				
Prepared By CHRIS PENG 7/28/99		Reviewed By JOEY CHENG 7/28/99		Approved By SY YANG 7/28/99



LABEL C : H-SIZE COMPENSATION FOR LOW FREQ.
LABEL SC1 : H-SIZE COMPENSATION FOR VGA
LABEL A : BRIGHTNESS COMPENSATION FOR BELOW 37KHZ

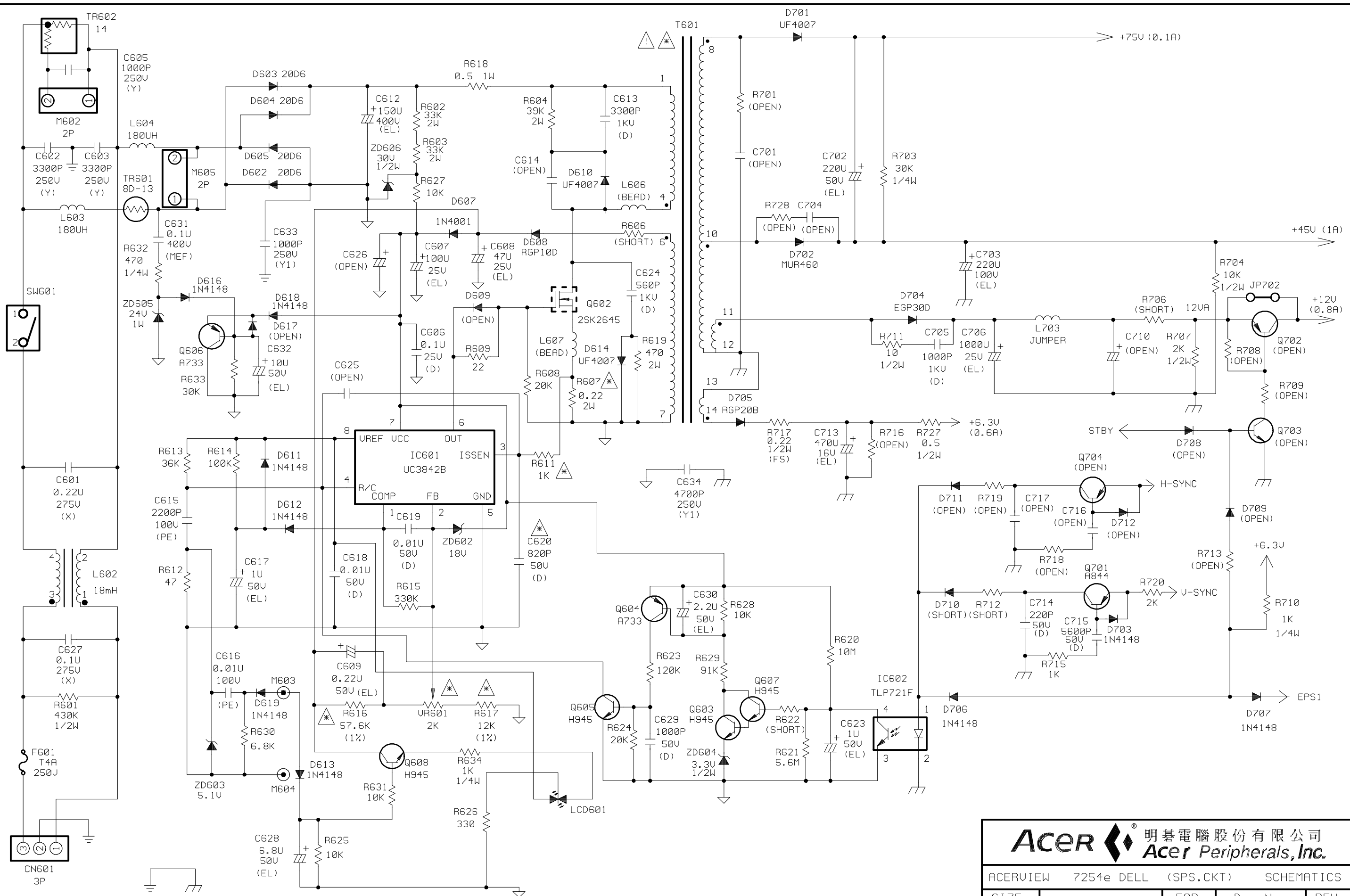
NOTES: 1. Resistor values are in ohm, K=1,000 ohm, M=1,000,000 ohm
2. All resistors are 1/8 watt, 5% except where otherwise indicated
3. ∇ ∇ ∇ Represents PCB common ground. 4. () means H.V cap=3000p

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ACERVIEW 7254E E550(MAIN.CKT) SCHEMATICS

SIZE A4	71601C20.SCH	FAB C	Doc.No. 304-C03	REV. 2
DATE : 7/28/1999		Sheet	3	OF 6
Project Code. 91.71602.037				
Prepared By CHRIS PENG 7/28/99		Reviewed By JOEY CHENG 7/28/99		Approved By SY YANG 7/28/99

	SC0	SC1
FH>44K	1	1
44K>FH>42K	1	0
42K>FH>36K	0	1
36K>FH	0	0

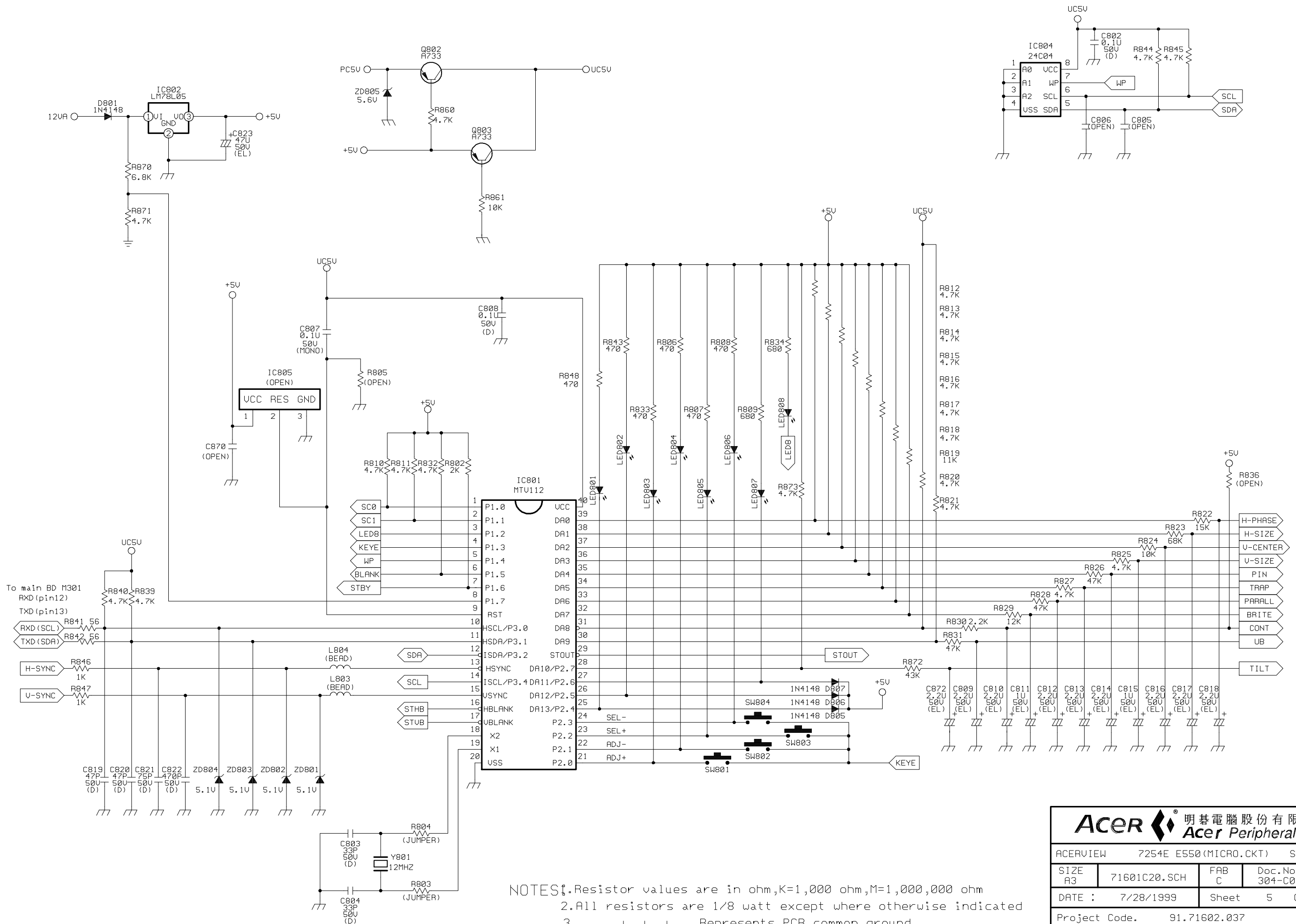


⚠ : The components identified by the mark of ⚠ in the schematic are important X-Radiation and Safety Parts. Should replacement is required, replace only with the same type and rating originally used.

⚠ : 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.

T601, UR601, R617, R616, R607, R611, C620, T302(FBT), R220, R216, C205 CRT, T302(FBT), R226, R231, R230, IC201, C314, C315, T601.

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ACERVIEW 7254E E550 (MICRO.CKT) SCHEMATIC

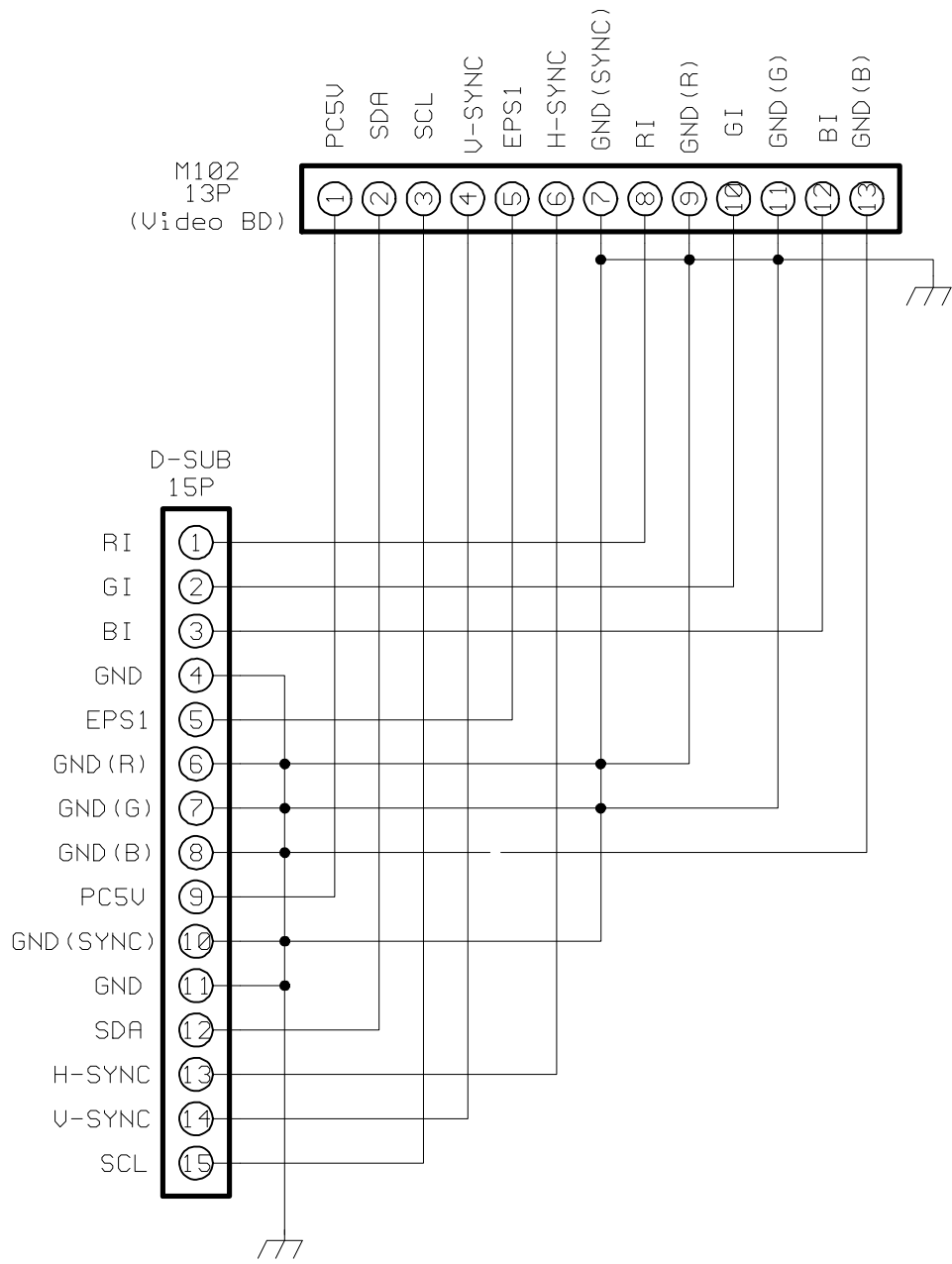
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DATE : 7/28/1999	Sheet 5 OF 6
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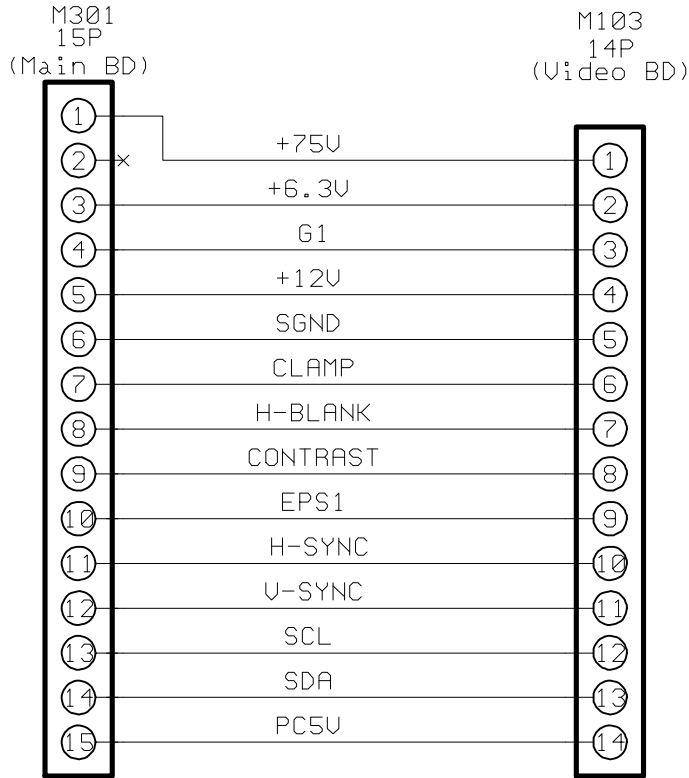
Project Code. 91.71602.037

Prepared By CHRIS PENG 7/28/99	Reviewed By JOEY CHENG 7/28/99	Approved By SY YANG 7/28/99
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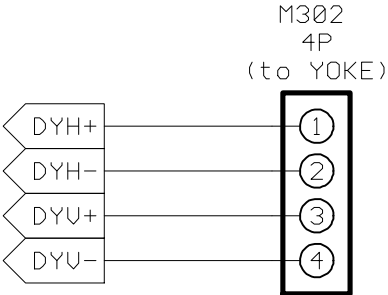
[Wire From D-SUB to Video BD]



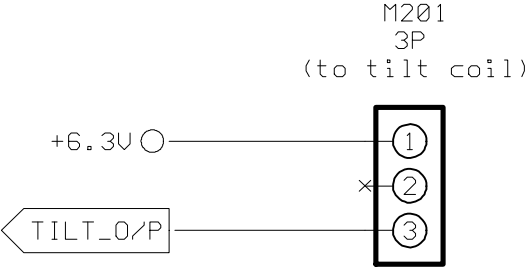
[Wire From Main BD to Video BD]



[Wire From Main BD to Yoke]



[Wire From Main BD to Tilt Coil]



NOTE: 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 7254E E550(Wire) SCHEMATICS				
SIZE A4	71601C20.SCH	FAB C	Doc.No. 304-C03	REV. 2
DATE : 7/28/1999		Sheet	6	OF 6
Project Code.		91.71602.037		
Prepared By		Reviewed By		Approved By
CHRIS PENG 7/28/99		JOEY CHENG 7/28/99		SY YANG 7/28/99

