

# PWR303

## MODULE UCD 200-250W

Mains pt5 / Reg pt3 / Amp pt2 / Spk pt5 - 17 Nov 03

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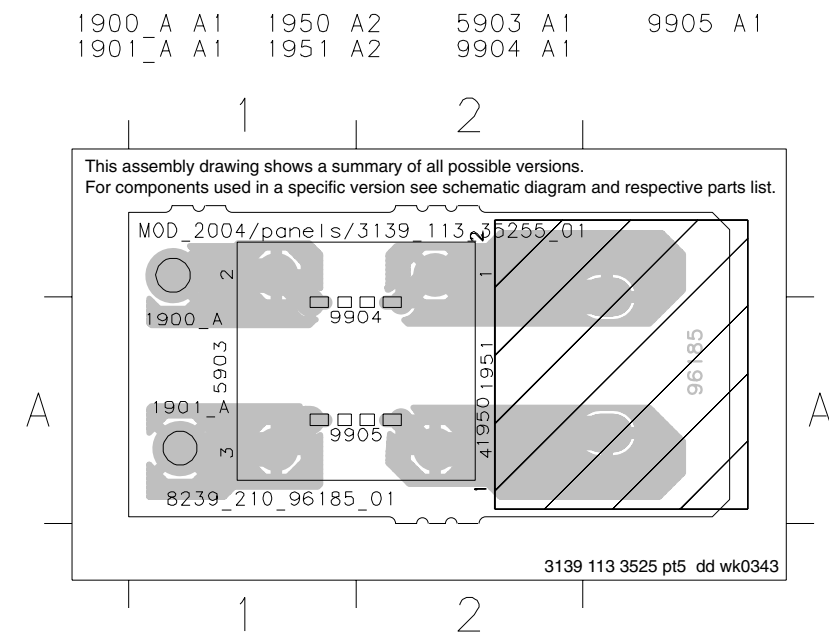
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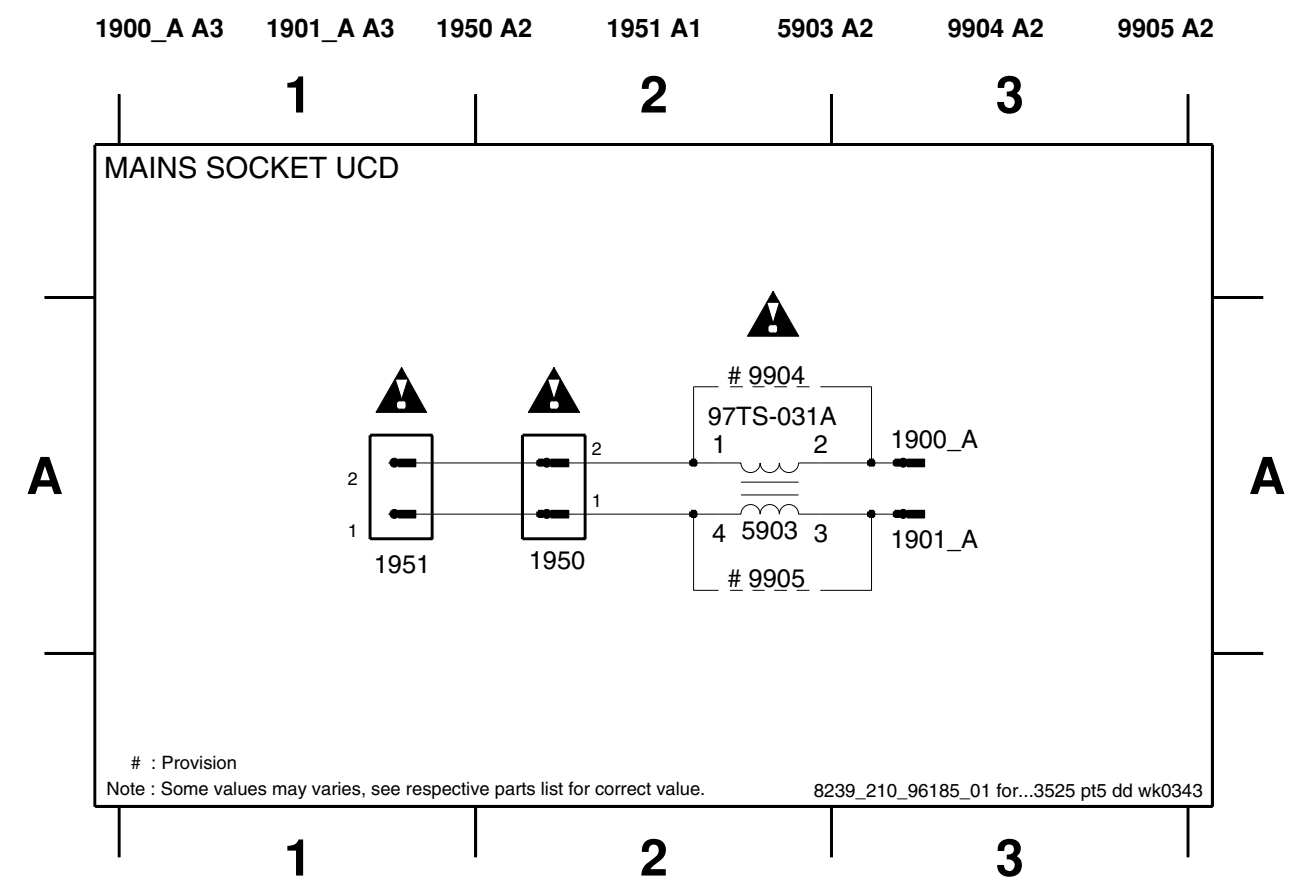
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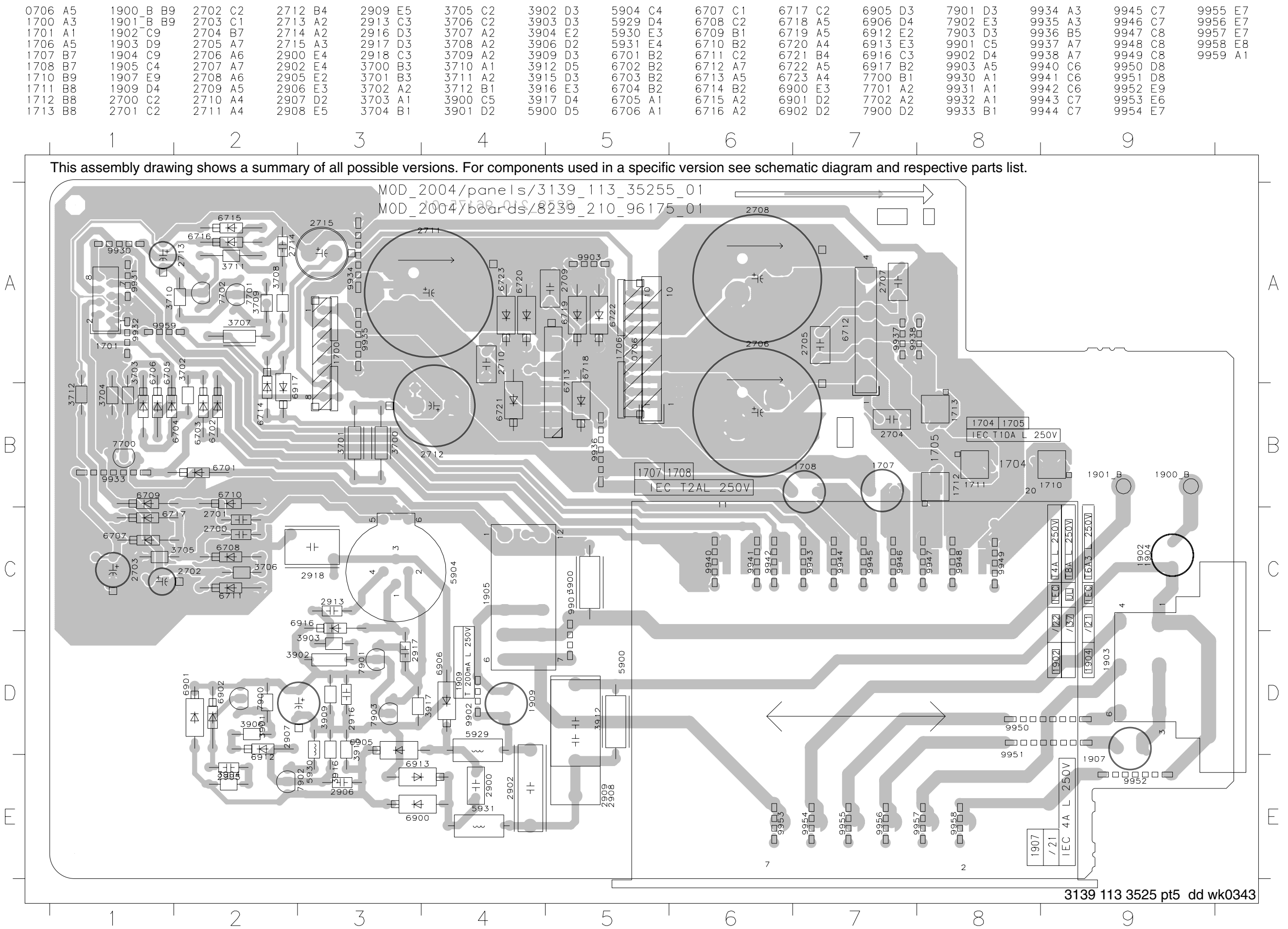
### MAINS SOCKET UCD BOARD - COMPONENT LAYOUT



### MAINS SOCKET UCD BOARD - CIRCUIT DIAGRAM



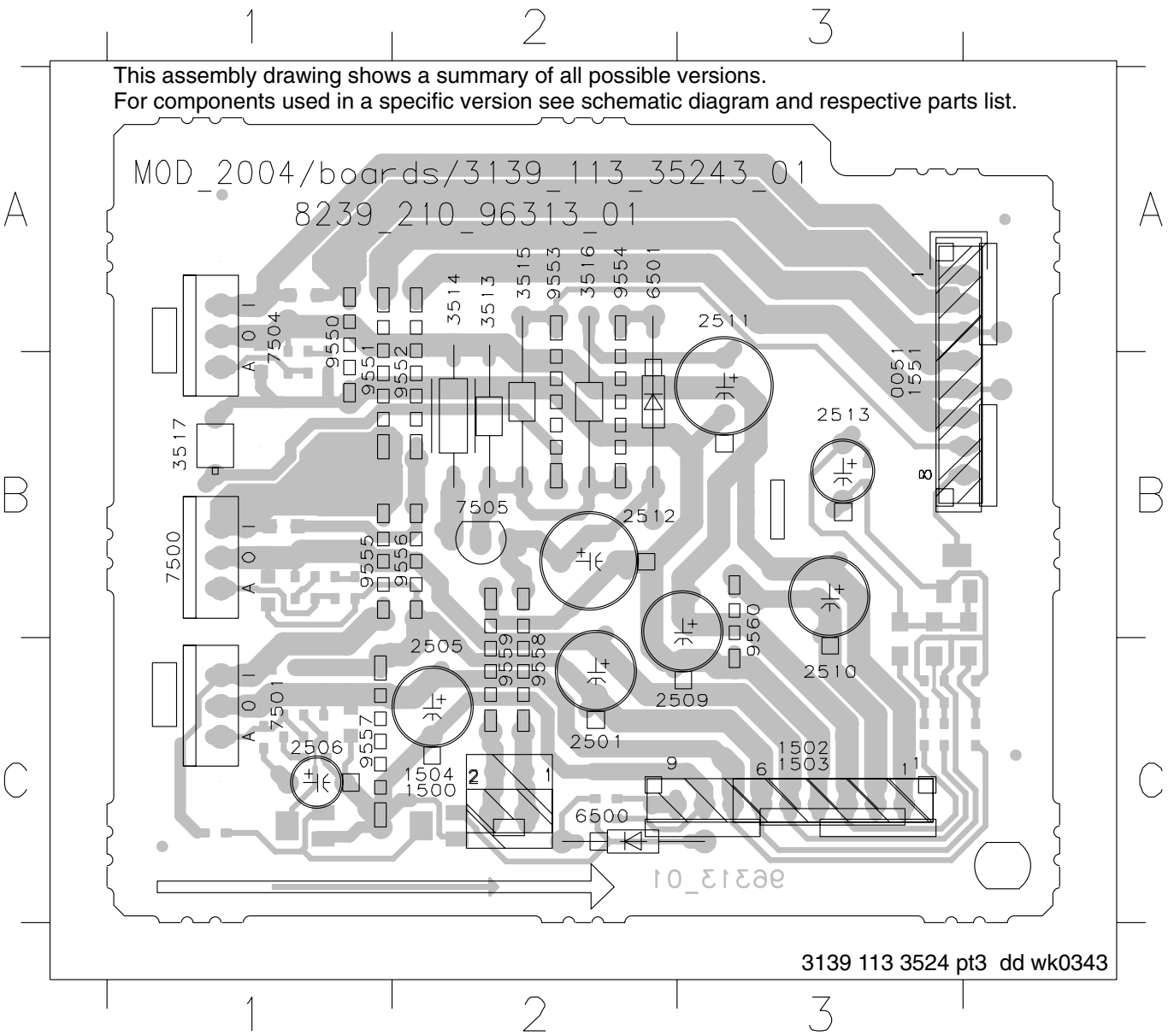
MAINS UCD BOARD - COMPONENT LAYOUT



## 8239\_210\_96175\_01 for...3525 pt5 dd wk0343

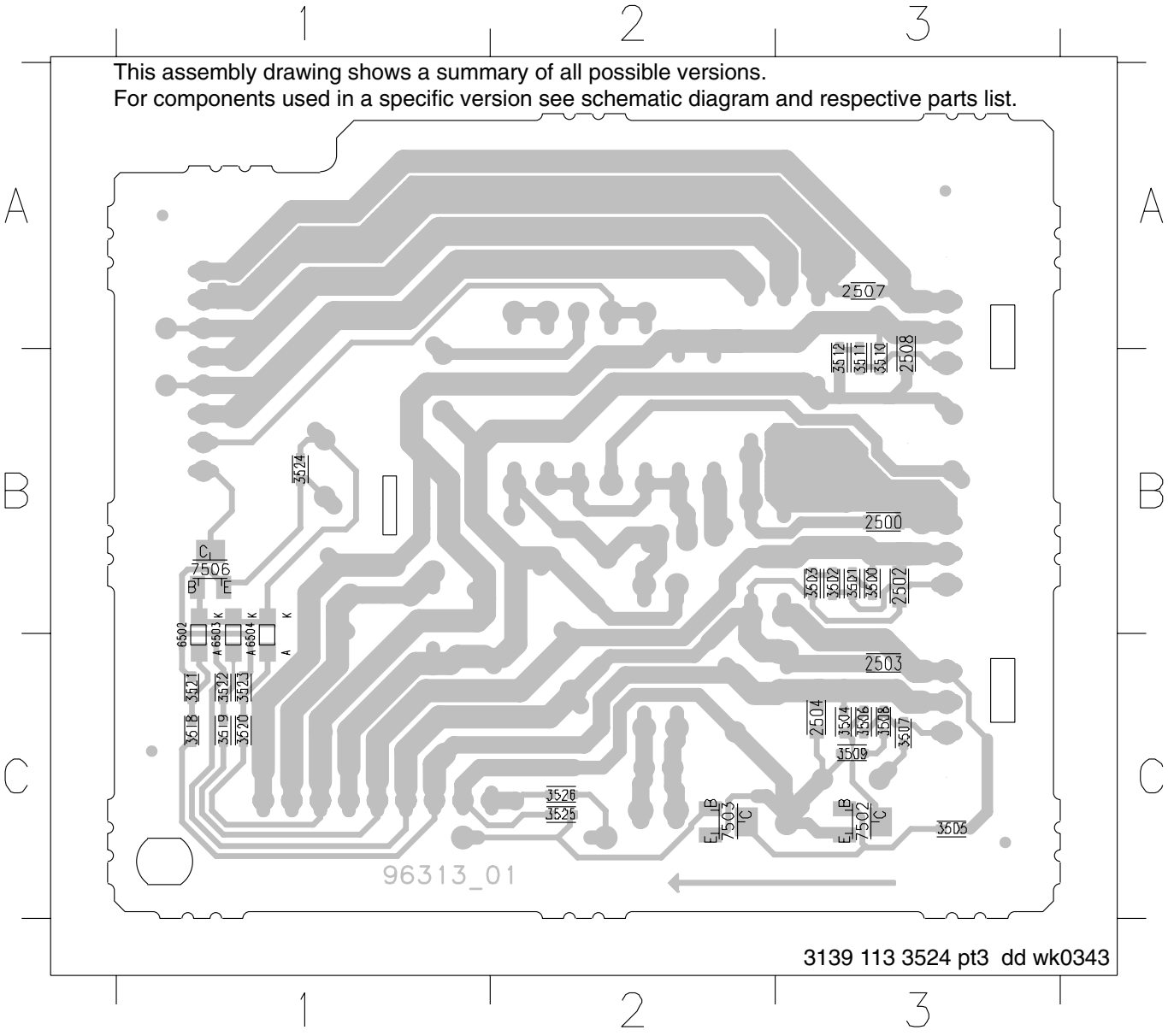
REGULATOR UCD BOARD - COMPONENT LAYOUT

0051 B3	2501 C2	2512 B2	3517 B1	7505 B2	9555 B1
1500 C2	2505 C2	2513 B3	6500 C2	9550 A1	9556 B2
1502 C3	2506 C1	3513 A2	6501 A2	9551 B1	9557 C1
1503 C3	2509 C3	3514 A2	7500 B1	9552 B2	9558 C2
1504 C2	2510 C3	3515 A2	7501 C1	9553 A2	9559 C2
1551 B3	2511 A3	3516 A2	7504 A1	9554 A2	9560 B3



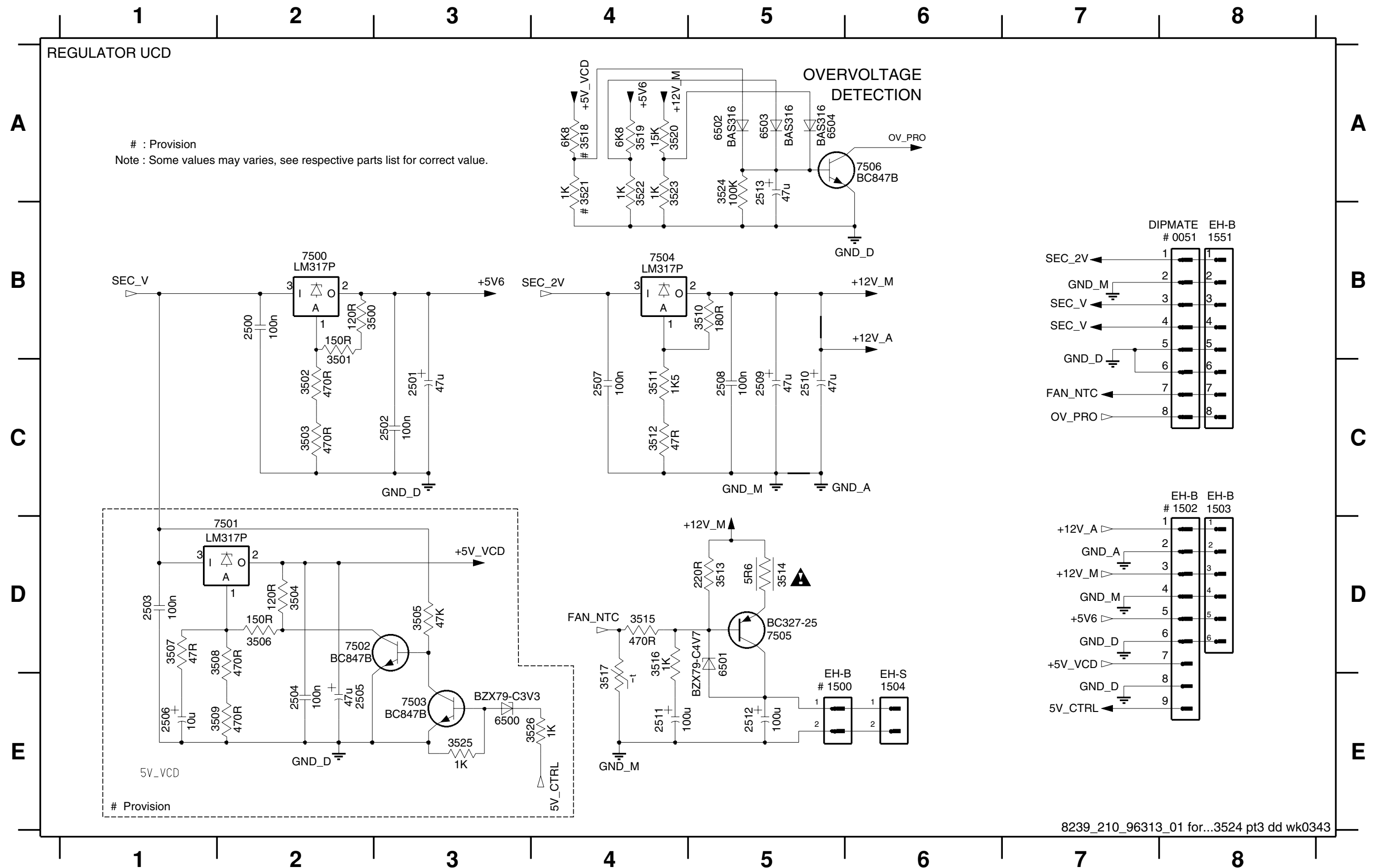
REGULATOR UCD BOARD - CHIP LAYOUT

2500 B3	2508 B3	3504 C3	3509 C3	3519 C1	3524 B1	6504 C1
2502 B3	3500 B3	3505 C3	3510 B3	3520 C1	3525 C2	7502 C3
2503 C3	3501 B3	3506 C3	3511 B3	3521 C1	3526 C2	7503 C2
2504 C3	3502 B3	3507 C3	3512 B3	3522 C1	6502 C1	7506 B1
2507 A3	3503 B3	3508 C3	3518 C1	3523 C1	6503 C1	



# REGULATOR UCD BOARD - CIRCUIT DIAGRAM

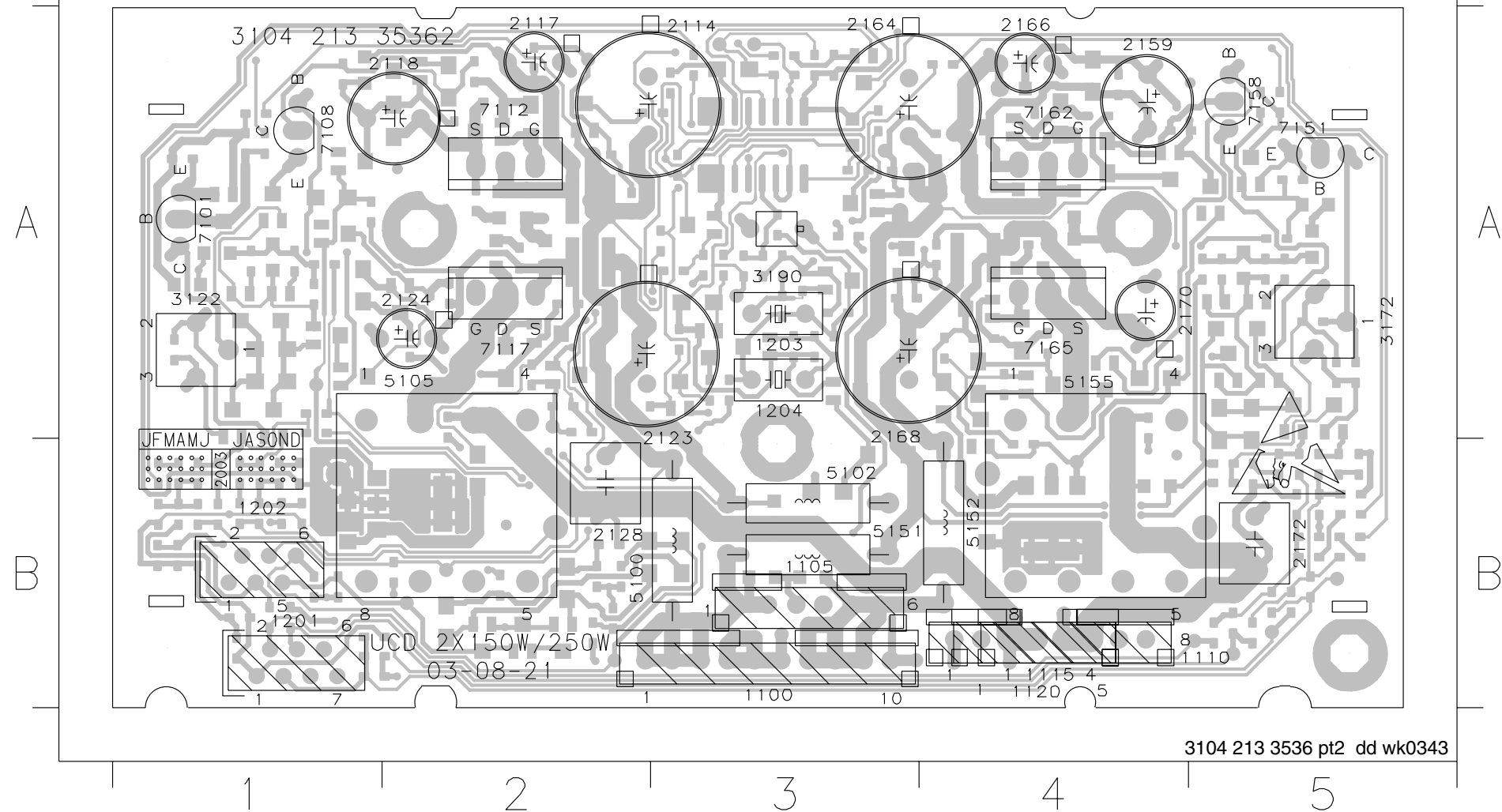
0051 B8	1503 C8	2500 B2	2503 D1	2506 E1	2509 C5	2512 E5	3501 B2	3504 D2	3507 D1	3510 B5	3513 D5	3516 D4	3519 A4	3522 A4	3525 E3	6501 D5	6504 A5	7502 D2	7505 D5
1500 E5	1504 E6	2501 C3	2504 E2	2507 C4	2510 C5	2513 A5	3502 C2	3505 D3	3508 D2	3511 C4	3514 D5	3517 E4	3520 A4	3523 A4	3526 E4	6502 A5	7500 B2	7503 E3	7506 A6
1502 C8	1551 B8	2502 C3	2505 E2	2508 C5	2511 E4	3500 B2	3503 C2	3506 D2	3509 E2	3512 C4	3515 D4	3518 A4	3521 A4	3524 A5	6500 E3	6503 A5	7501 D1	7504 B4	



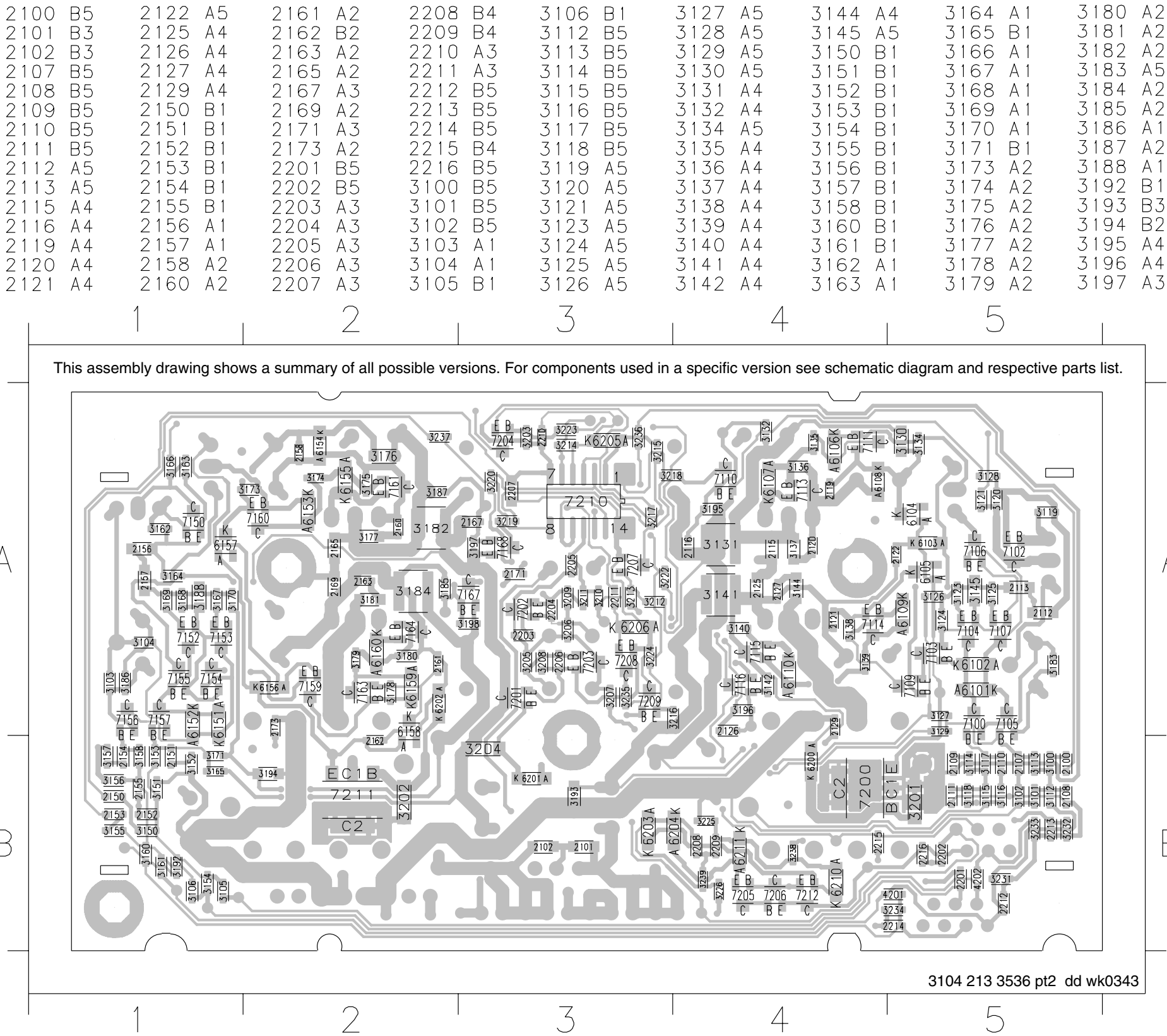
## AMPLIFIER UCD BOARD (BTL MASTER/SLAVE) - COMPONENT LAYOUT

1100	B3	1201	B1	2117	A2	2159	A4	2172	B5	5102	B3	7101	A1	7158	A5
1105	B3	1202	B1	2118	A2	2164	A3	3122	A1	5105	B2	7108	A1	7162	A4
1110	B4	1203	A3	2123	A2	2166	A4	3172	A5	5151	B3	7112	A2	7165	A4
1115	B4	1204	A3	2124	A2	2168	A3	3190	A3	5152	B4	7117	A2		
1120	B4	2114	A2	2128	B2	2170	A4	5100	B3	5155	B4	7151	A5		

This assembly drawing shows a summary of all possible versions. For components used in a specific version see schematic diagram and respective parts list.



AMPLIFIER UCD BOARD (BTL MASTER/SLAVE) - CHIP LAYOUT



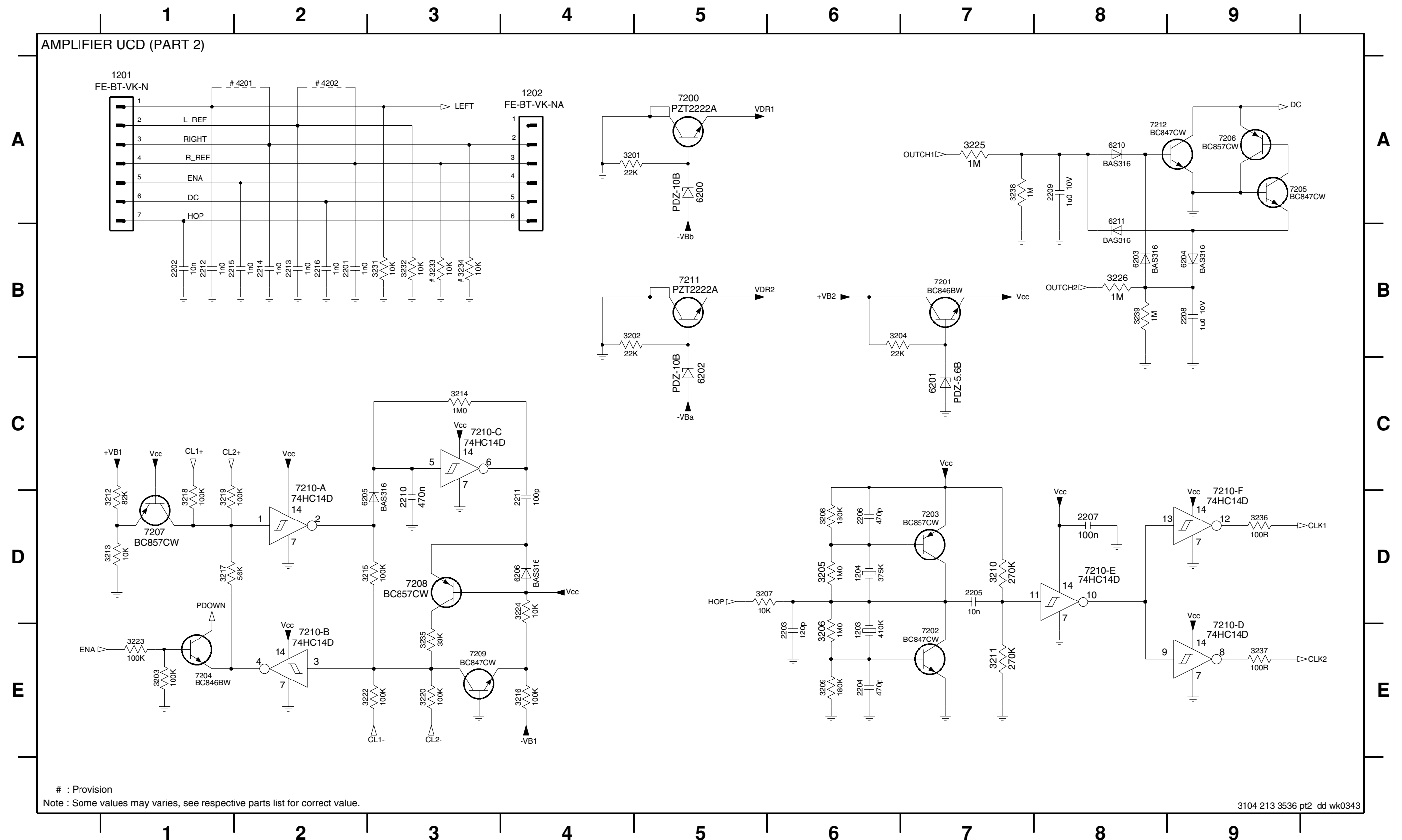
3198 A3	6158 A2	F101 B3
3201 B5	6159 A2	F102 B3
3202 B2	6160 A2	F103 B2
3203 A3	6200 B4	F104 B2
3204 B3	6201 B3	F105 B2
3205 A3	6202 A2	F106 B3
3206 A3	6203 B3	F107 A4
3207 A3	6204 B4	F108 A4
3208 A3	6205 A3	F109 A2
3209 A3	6206 A3	F110 A3
3210 A3	6210 B4	F111 A5
3211 A3	6211 B4	F112 B2
3212 A3	7100 A5	F113 A3
3213 A3	7102 A5	F114 B1
3214 A3	7103 A5	F115 B1
3215 A3	7104 A5	F116 B1
3216 A4	7105 A5	F117 B1
3217 A3	7106 A5	F118 B4
3218 A3	7107 A5	F119 B4
3219 A3	7109 A5	F120 B4
3220 A3	7110 A4	F121 A3
3222 A3	7111 A4	F122 A3
3223 A3	7113 A4	
3224 A3	7114 A4	
3225 B4	7115 A4	
3226 B4	7116 A4	
3231 B5	7150 A1	
3232 B5	7152 A1	
3233 B5	7153 A1	
3234 B5	7154 A1	
3235 A3	7155 A1	
3236 A3	7156 A1	
3237 A2	7157 A1	
3238 B4	7159 A2	
3239 B4	7160 A2	
4201 B5	7161 A2	
4202 B5	7163 A2	
6101 A5	7164 A2	
6102 A5	7167 A3	
6103 A5	7168 A3	
6104 A5	7200 B4	
6105 A5	7201 A3	
6106 A4	7202 A3	
6107 A4	7203 A3	
6108 A4	7204 A3	
6109 A5	7205 B4	
6110 A4	7206 B4	
6151 A1	7207 A3	
6152 A1	7208 A3	
6153 A2	7209 A3	
6154 A2	7210 A3	
6155 A2	7211 B2	
6156 A2	7212 B4	
6157 A1	F100 B3	





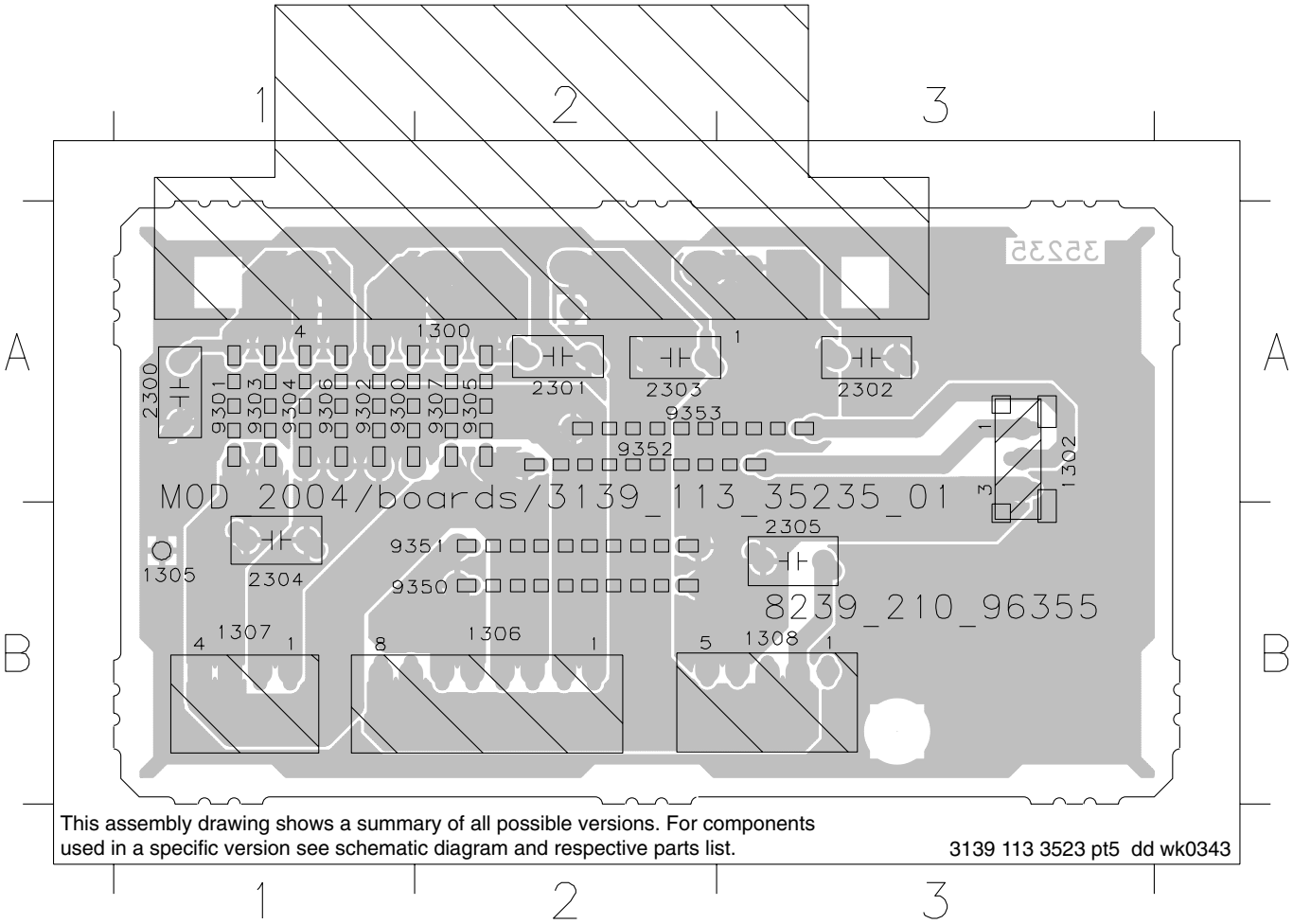
# AMPLIFIER UCD BOARD (BTL MASTER/SLAVE) - CIRCUIT DIAGRAM PART 2

1201 A1	2201 B2	2205 D7	2209 A8	2213 B2	3201 A4	3205 D6	3209 E6	3213 D1	3217 D1	3222 E3	3226 B8	3234 B3	3238 A7	6200 A5	6204 B9	6211 B8	7203 D7	7207 D1	7210-B E2	7210-F D9
1202 A4	2202 B1	2206 D6	2210 D3	2214 B2	3202 B4	3206 E6	3210 D7	3214 C3	3218 D1	3223 E1	3231 B3	3235 E3	3239 B8	6201 C7	6205 D2	7200 A5	7204 E1	7208 D3	7210-C C3	7211 B5
1203 E6	2203 E6	2207 D8	2211 D4	2215 B1	3203 E1	3207 D5	3211 E7	3215 D3	3219 D1	3224 D4	3232 B3	3236 D9	4201 A2	6202 C5	6206 D4	7201 B7	7205 A9	7209 E3	7210-D E9	7212 A8
1204 D6	2204 E6	2208 B9	2212 B1	2216 B2	3204 B6	3208 D6	3212 D1	3216 E4	3220 E3	3225 A7	3233 B3	3237 E9	4202 A2	6203 B8	6210 A8	7202 E7	7206 A9	7210-A D2	7210-E D8	

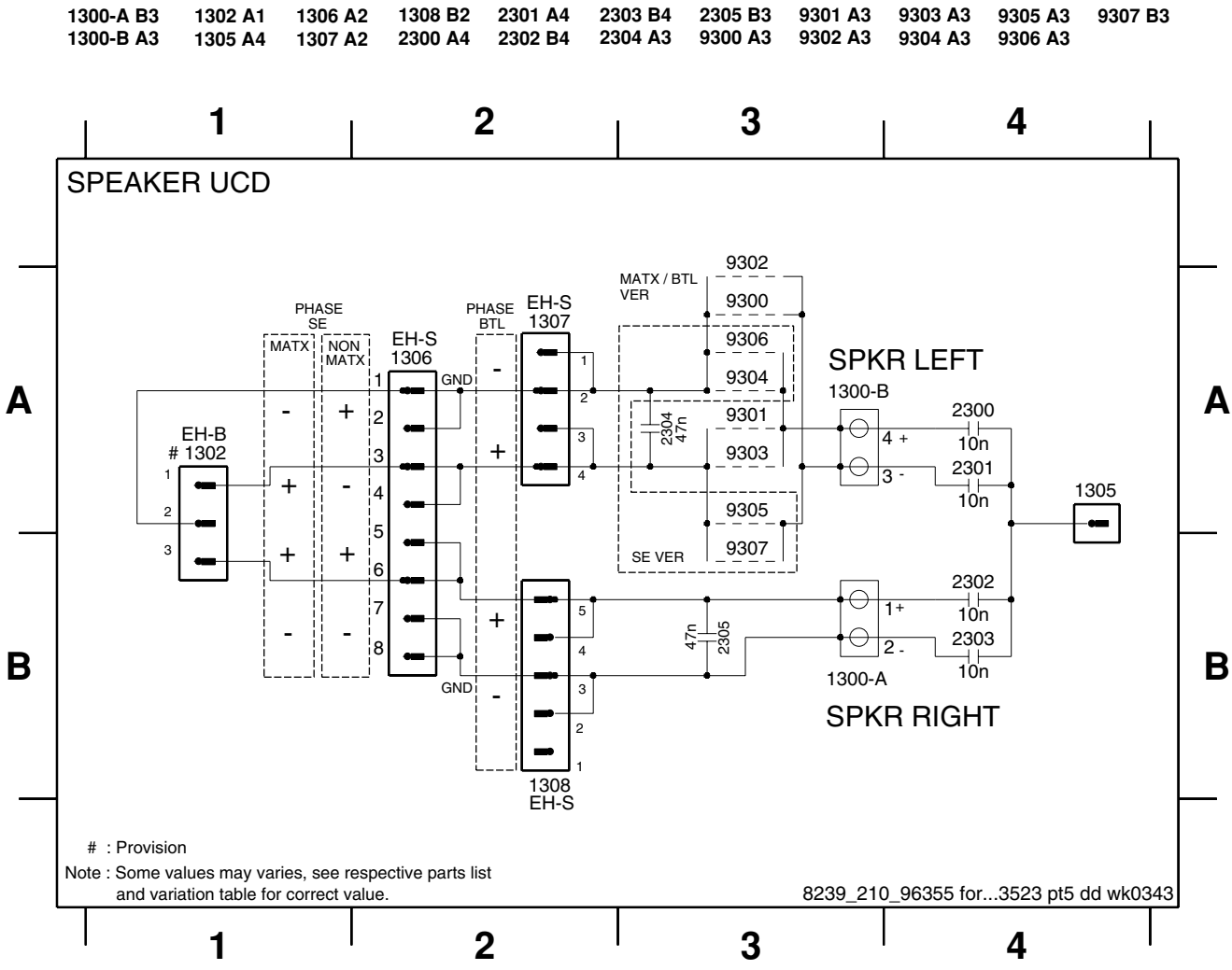


SPEAKER UCD BOARD - COMPONENT LAYOUT

1300 A2	1307 B1	2302 A3	9300 A1	9304 A1	9350 B2
1302 A3	1308 B3	2303 A2	9301 A1	9305 A2	9351 B2
1305 B1	2300 A1	2304 B1	9302 A1	9306 A1	9352 A2
1306 B2	2301 A2	2305 B3	9303 A1	9307 A2	9353 A2



SPEAKER UCD BOARD - CIRCUIT DIAGRAM



SPEAKER UCD BOARD - VARIATION TABLE

Item No.	SPEAKER UCD BOARD	
	100-150W (Non Matrix Version)	200-250W
1302	-	-
1306	X	-
1307 , 1308	-	X
2304 , 2305	-	X
9300 , 9301	-	X
9302 , 9303	-	X
9304 , 9305	X	-
9306 , 9307	X	-

X - item in use.

## PWR303\_Wiring Diagram dd wk0347