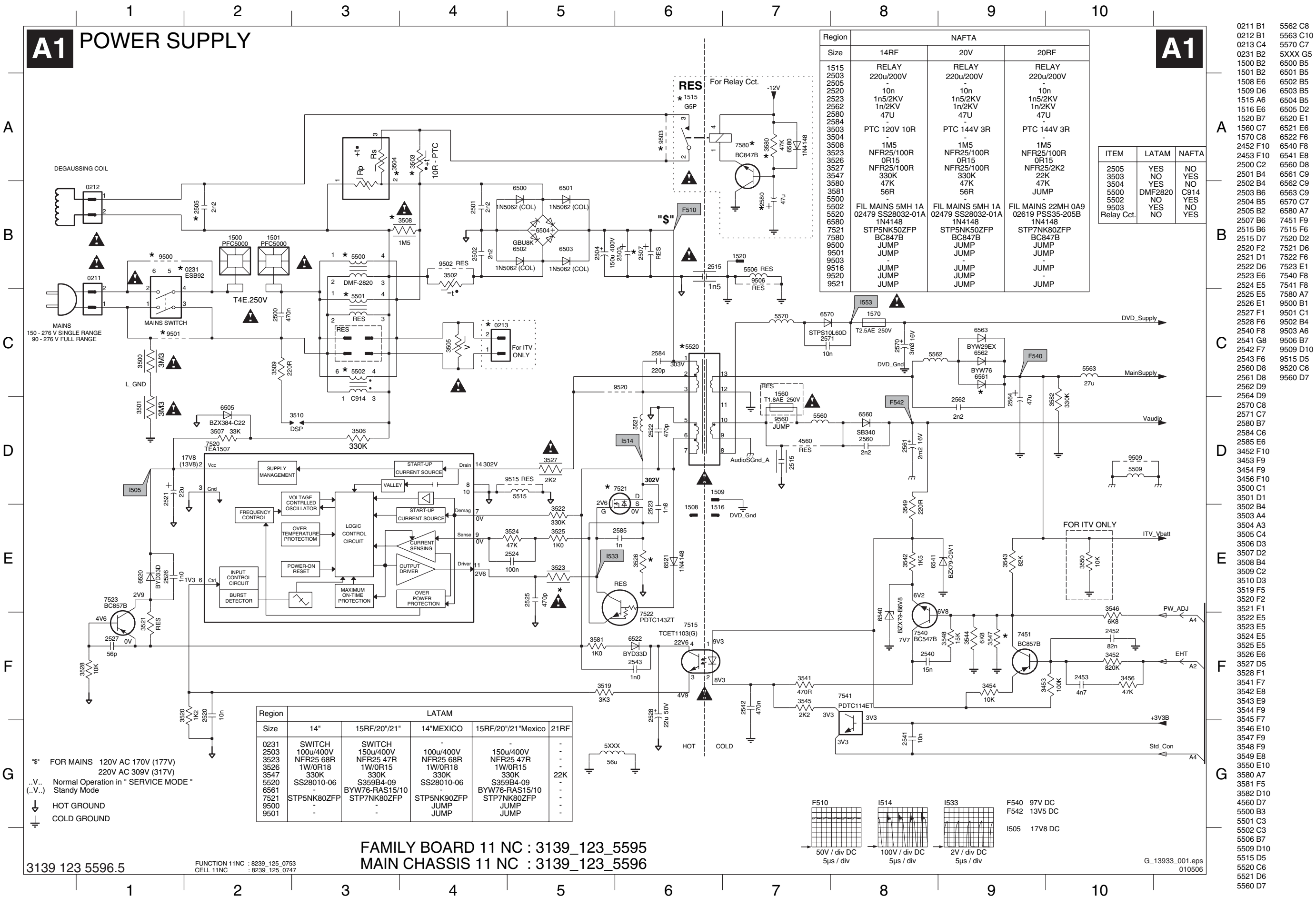


7. Circuit Diagrams and PWB Layouts

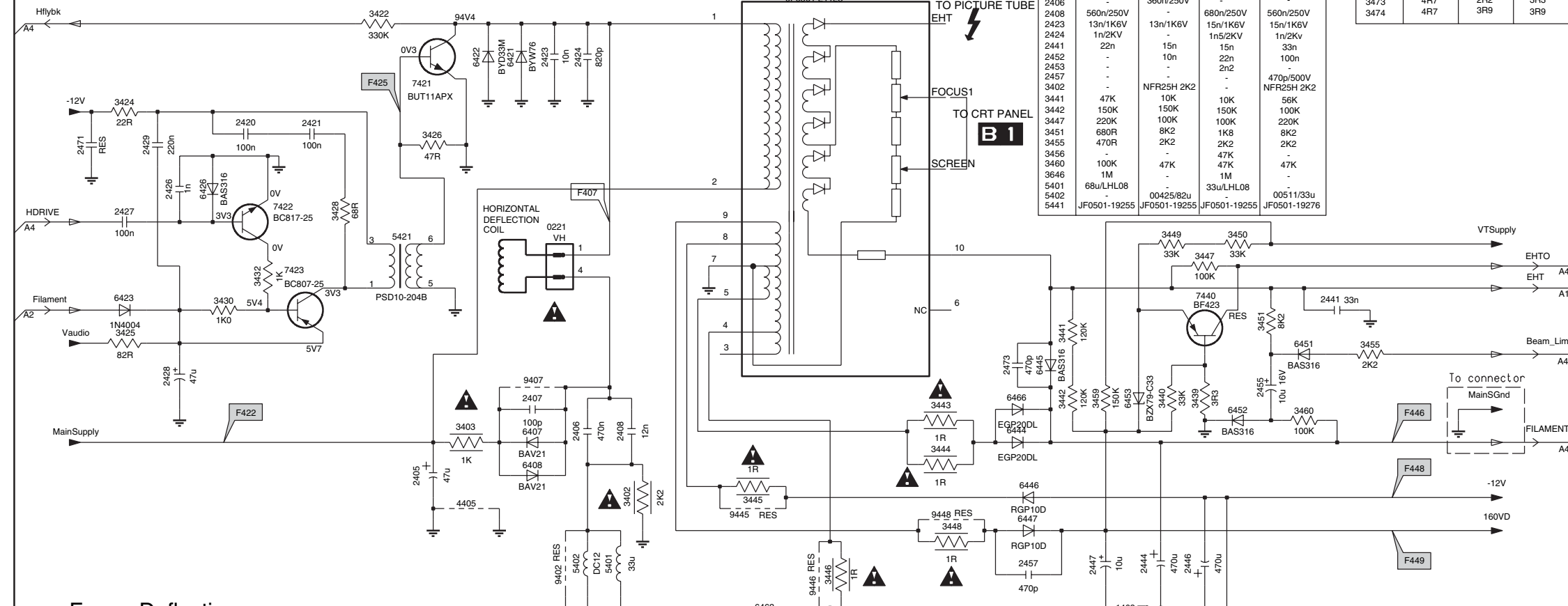
Mono Carrier: Power Supply



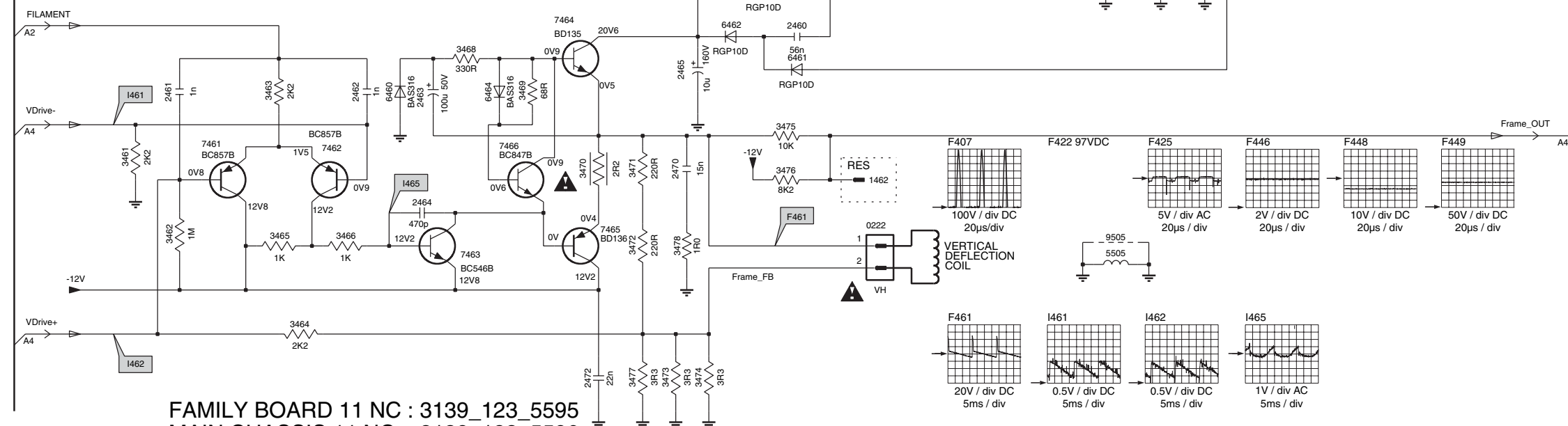
Mono Carrier: Deflection

A2 DEFLECTION

A2



Frame Deflection



FAMILY BOARD 11 NC : 3139_123_5595
MAIN CHASSIS 11 NC : 3139_123_5596

3139 123 5596.5

Region	LATAM			
Size Tube	14" LPD	15RF CPT	20" LPD	21"FSQ LPD
	LINE DEFLECTION			
2406	-	360n/250V	-	-
2408	560n/250V	-	680n/250V	560n/250V
2423	13n/1K6V	13n/1K6V	15n/1K6V	15n/1K6V
2424	1n/2KV	-	1n/5/2KV	1n/2Kv
2441	22n	15n	15n	33n
2452	-	10n	22n	100n
2453	-	-	2n2	-
2457	-	-	-	470p/500V
3402	-	NFR25H 2K2	-	NFR25H 2K2
3441	47K	10K	10K	56K
3442	150K	150K	150K	100K
3447	220K	100K	100K	220K
3451	680R	8K2	1K8	8K2
3455	470R	2K2	2K2	2K2
3456	-	-	47K	-
3460	100K	47K	47K	47K
3646	1M	-	1M	-
5401	68u/LH0L8	-	33u/LH0L8	-
5402	-	00425/82u	-	00511/33u
5441	JF0501-19255	JF0501-19255	JF0501-19255	JF0501-1927

Region		LATAM		
Size Tube	14" LPD	15RF CPT	20" LPD	21"FSQ LPD
LINE DEFLECTION				
3473	4R7	2R2	3R3	3R3
3474	4R7	3R9	3R9	3R3

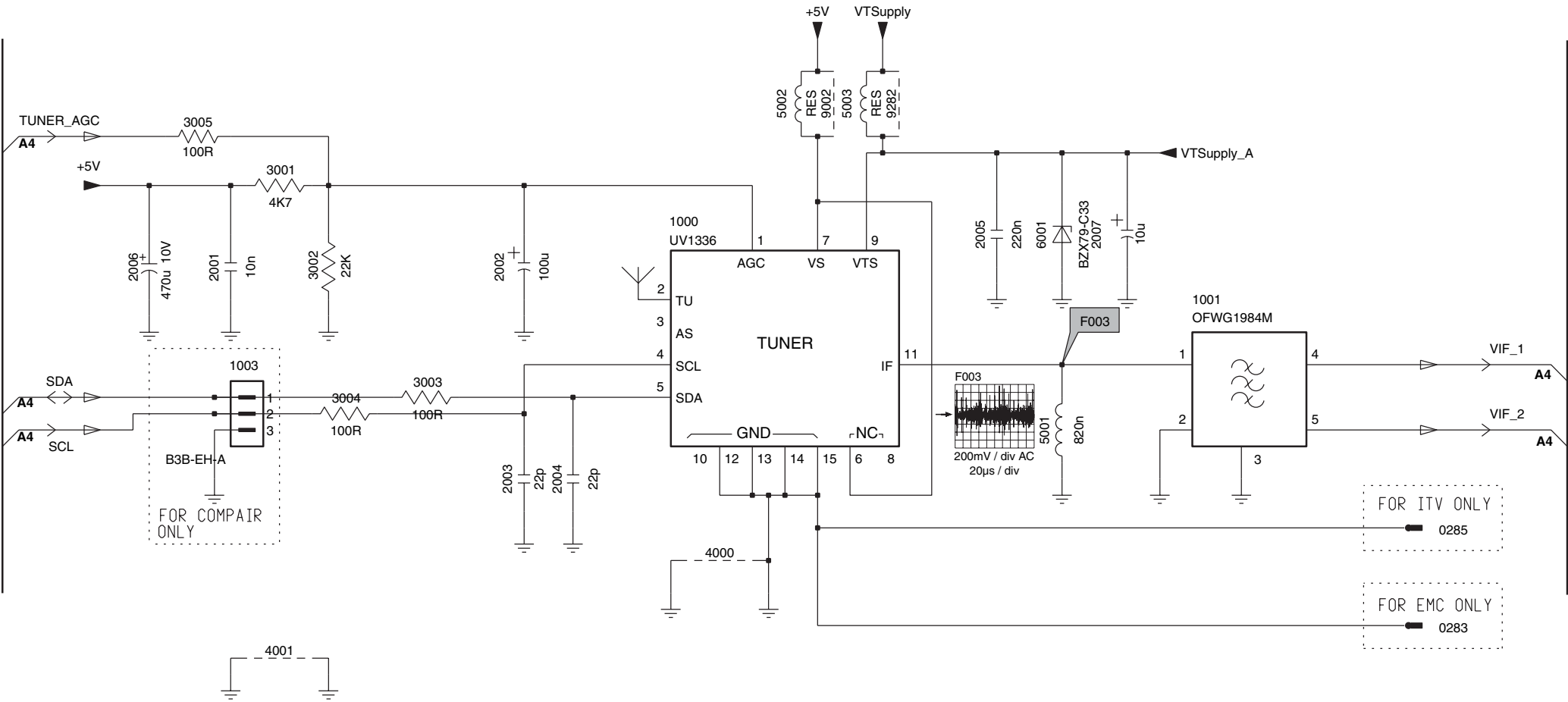
0221 C4	6463 E6
0222 G6	6464 F4
1462 G7	6466 D7
1463 E8	7421 B7
2405 E4	7422 C3
2406 D5	7423 C3
2407 D4	7440 C9
2408 D5	7461 G2
2420 B2	7462 G3
2421 B3	7463 F4
2423 B4	7464 F4
2424 B5	7465 G5
2426 C2	7466 G6
2427 C2	9402 E4
2428 D2	9407 D4
2429 B2	9445 E6
2441 C9	9446 E6
2444 E8	9448 E7
2446 E9	9505 G8

G_13933_002.eps
010506

Mono Carrier: Tuner IF

A3 TUNER IF

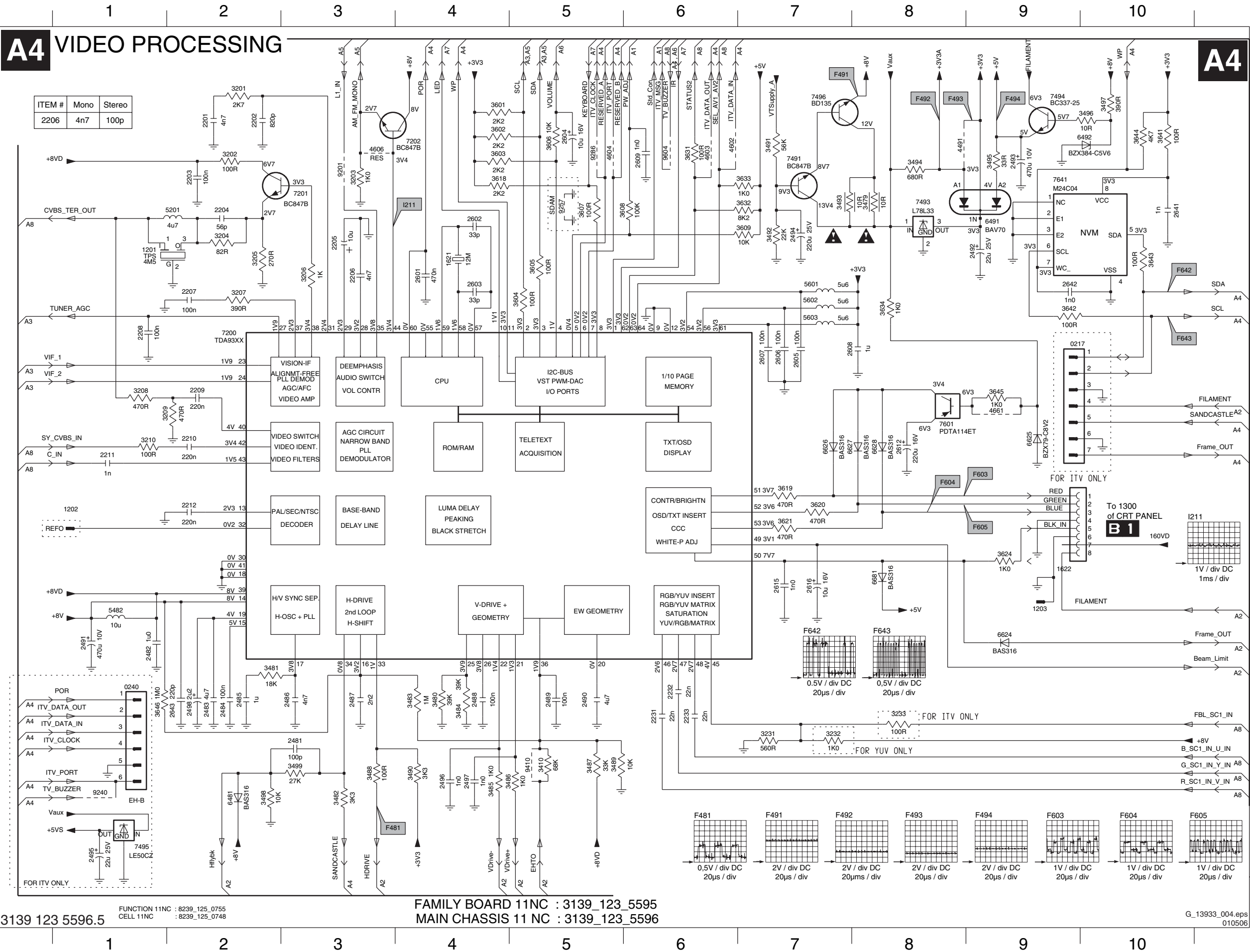
A3



- 0283 E8
- 0285 D8
- 1000 C4
- 1001 C6
- 1003 C2
- 2001 C2
- 2002 C3
- 2003 D3
- 2004 D4
- 2005 C5
- 2006 C2
- 2007 C6
- 3001 C2
- 3002 C2
- 3003 D3
- 3004 D3
- 3005 B2
- 4000 D4
- 4001 E2
- 5001 D6
- 5002 B4
- 5003 B5
- 6001 C6
- 9002 B5
- 9282 B5

FAMILY BOARD 11 NC : 3139_123_5595
MAIN CHASSIS 11 NC : 3139_123_5596

Mono Carrier: Video Processing

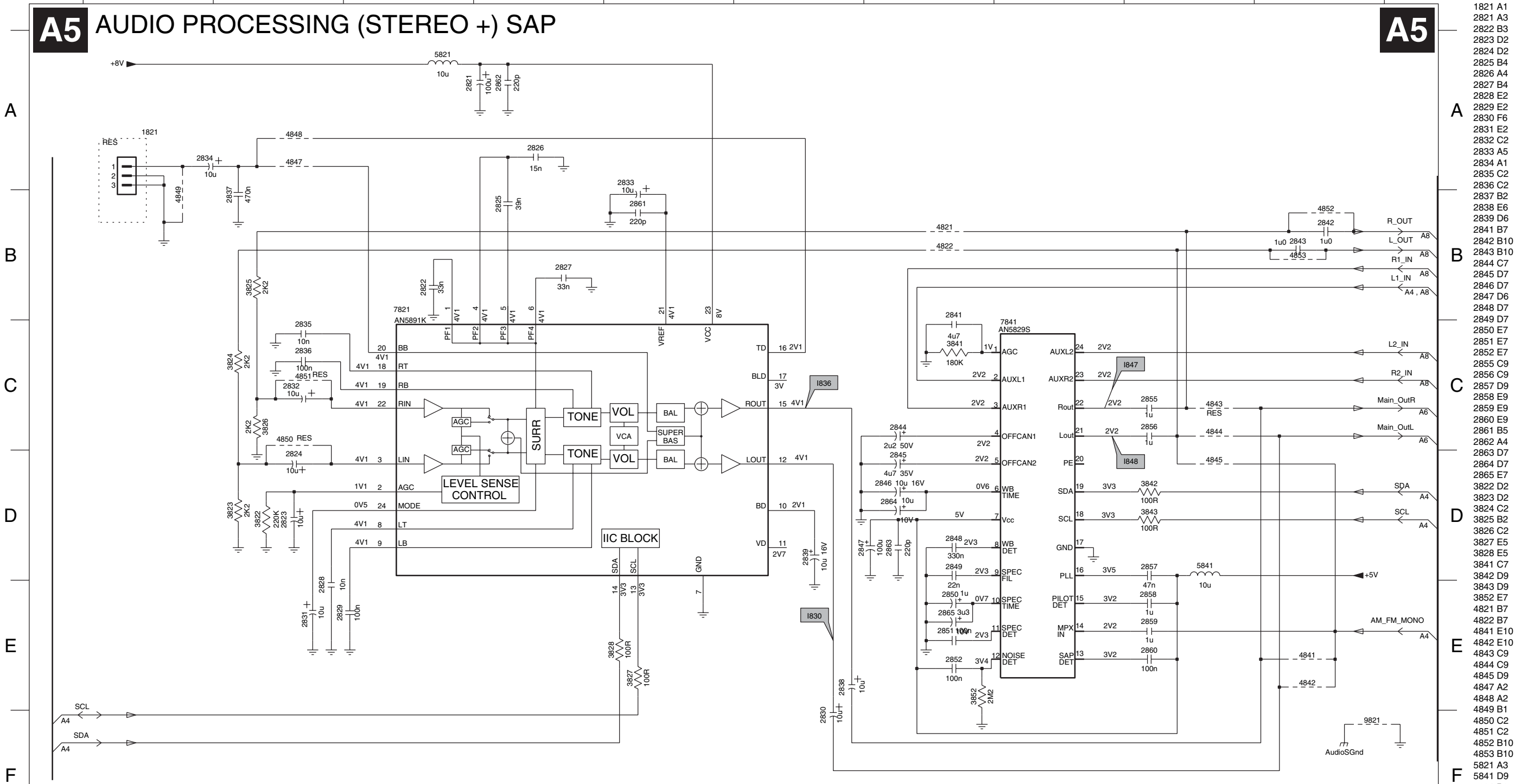


- 0217 C10
- 0240 F1
- 1201 B1
- 1202 D1
- 1203 E9
- 1621 B4
- 1622 E9
- 2201 A2
- 2202 A2
- 2203 A2
- 2204 B2
- 2205 B3
- 2206 B3
- 2207 B2
- 2208 C1
- 2209 C2
- 2210 D2
- 2211 D1
- 2212 D2
- 2231 F6
- 2232 F6
- 2233 F6
- 2481 F3
- 2482 F1
- 2483 F2
- 2484 F2
- 2485 F2
- 2486 F3
- 2487 F3
- 2488 F4
- 2489 F5
- 2490 F5
- 2491 E1
- 2492 B9
- 2493 A9
- 2494 B7
- 2495 G1
- 2496 G4
- 2497 G4
- 2498 F2
- 2601 B4
- 2602 B4
- 2603 B4
- 2604 A5
- 2605 C7
- 2606 C7
- 2607 C7
- 2608 C8
- 2609 A6
- 2612 D8
- 2615 E7
- 2616 E7
- 2641 B10
- 2642 B9
- 2643 F2
- 3201 A2
- 3202 A2
- 3203 A3
- 3204 B2
- 3205 B2
- 3206 B3
- 3207 B2
- 3208 C1
- 3209 C2
- 3210 D1
- 3231 F7
- 3232 F7
- 3233 F8
- 3410 G5
- 3479 B8
- 3480 F4
- 3481 F2
- 3482 G3
- 3483 F4
- 3484 F4
- 3485 G4
- 3486 G5
- 3487 G5
- 3488 G3
- 3489 G5
- 3490 G4
- 3491 A7
- 3492 B7
- 3493 B7
- 3494 A8
- 3495 A9
- 3496 A10
- 3497 A10
- 3498 G2
- 3499 G3
- 3601 A4
- 3602 A4
- 3603 A4
- 3604 B5
- 3605 B5
- 3606 A5
- 3607 B5
- 3608 B6
- 3609 B7
- 3618 A4
- 3619 D7
- 3620 D7
- 3621 D7
- 3624 E9
- 3631 A6
- 3632 B7
- 3633 A7
- 3634 C8
- 3641 A10
- 3642 C9
- 3643 B10
- 3644 A10
- 3645 C9
- 3646 F1
- 4491 A8
- 4602 A6
- 4603 A6
- 4604 A5
- 4606 A3
- 4661 C9
- 5201 B2
- 5482 E1
- 5601 B7
- 5602 B7
- 5603 C7
- 6481 G2
- 6491 B9
- 6492 A10
- 6624 E9
- 6625 D9
- 6626 D7
- 6627 D8
- 6628 D8
- 6681 E8
- 7200 C2
- 7201 B3
- 7202 A4
- 7491 A7
- 7493 B8
- 7494 A9
- 7495 G1
- 7496 A7
- 7601 D8
- 7641 A9
- 9201 A3
- 9240 G1
- 9286 A5
- 9410 G5
- 9604 A6

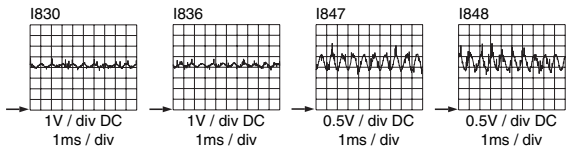
Mono Carrier: Audio Processing

A5 AUDIO PROCESSING (STEREO +) SAP

A5



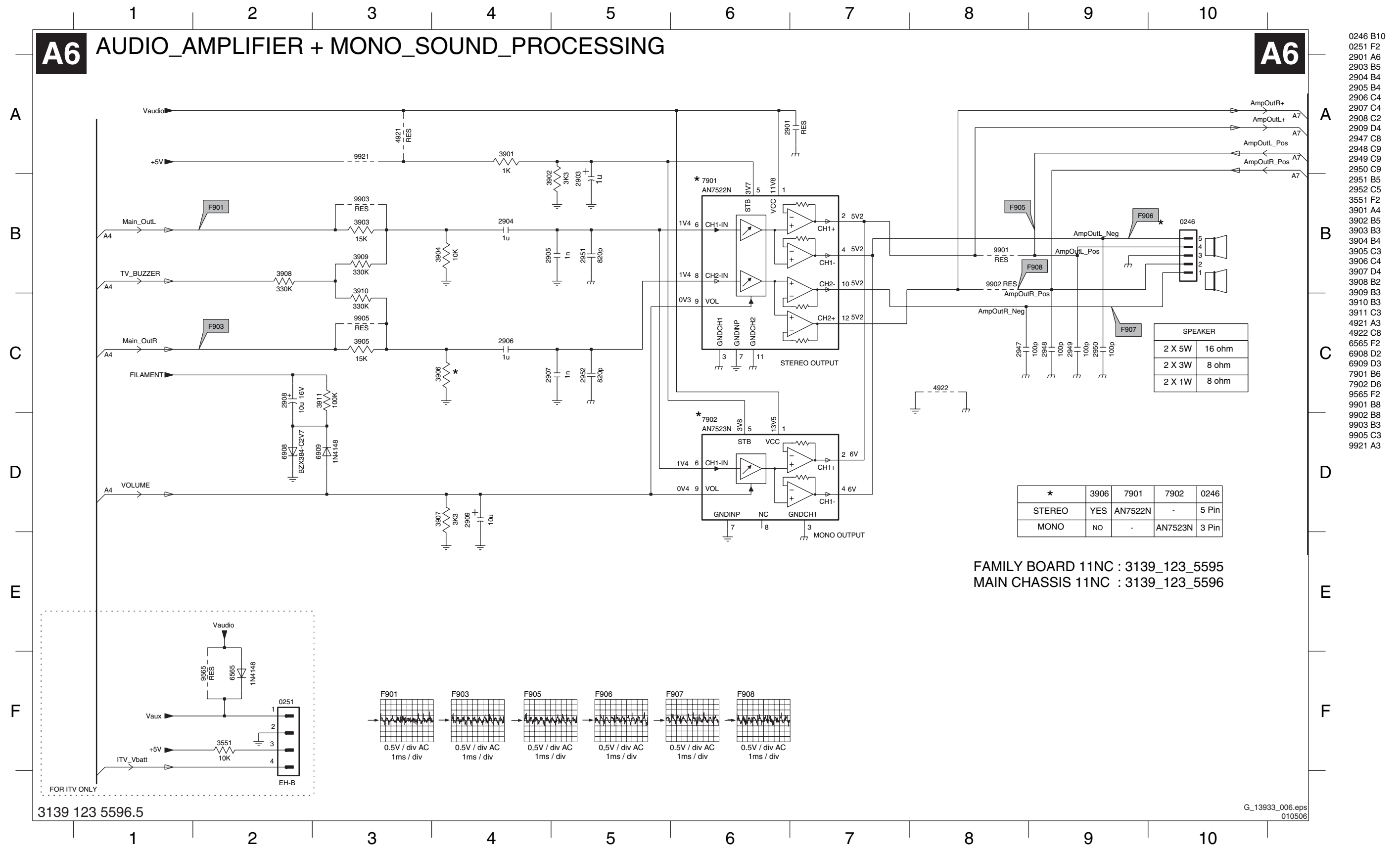
ITEM	MONO	BTSC STEREO
4841	---	JMP
4842	---	JMP
4845	JMP	---



FAMILY BOARD 11NC : 3139_123_5595
MAIN CHASSIS 11NC : 3139_123_5596

G_13933_005.eps
010506

Mono Carrier: Audio Amplifier

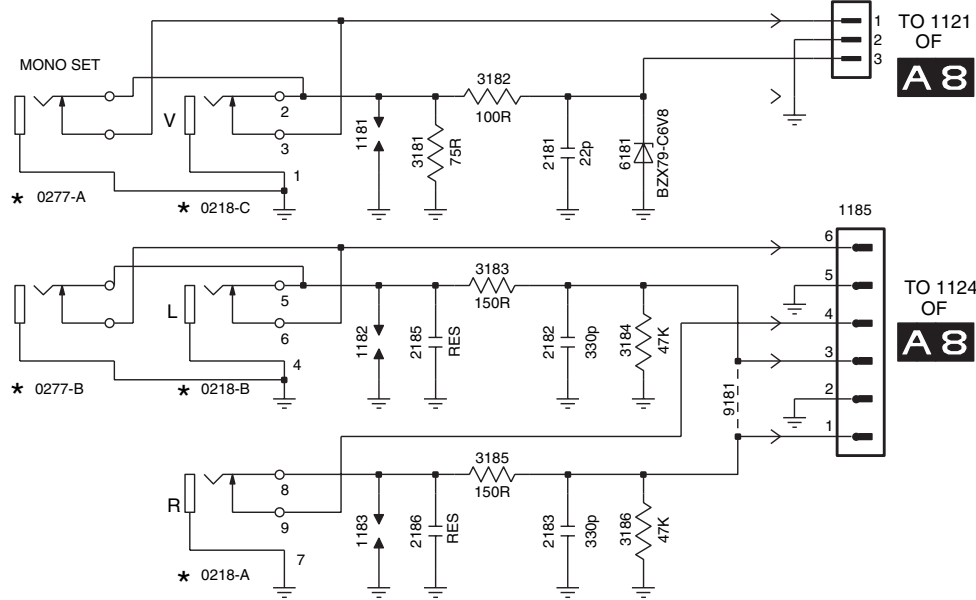


Mono Carrier: Font I/O + Control + HP

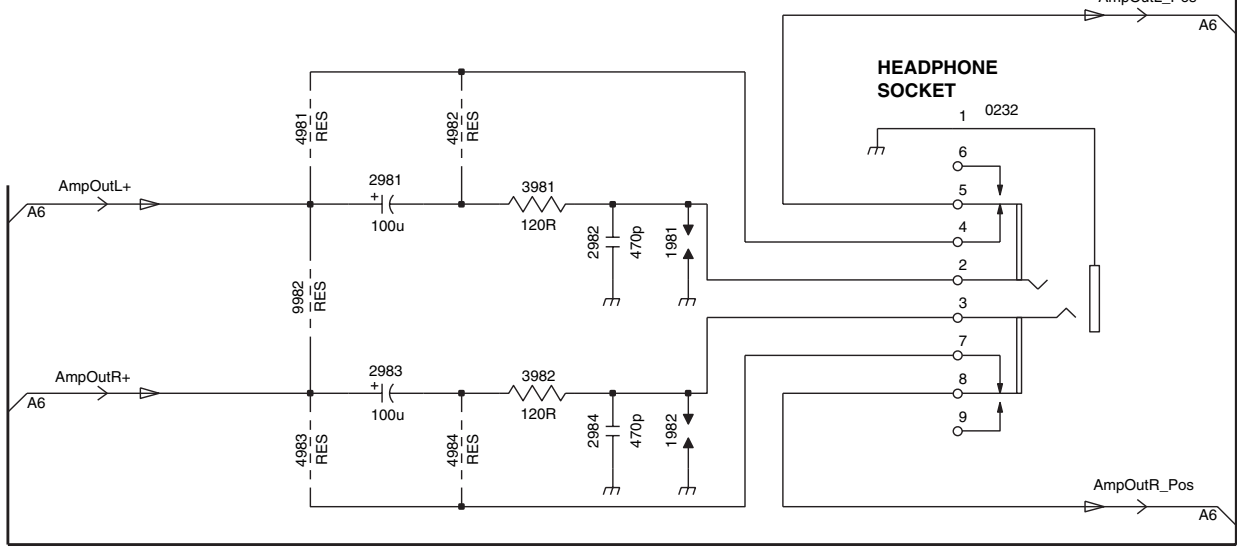
A7 FRONT IO + FRONT CONTROL + HEADPHONE

A7

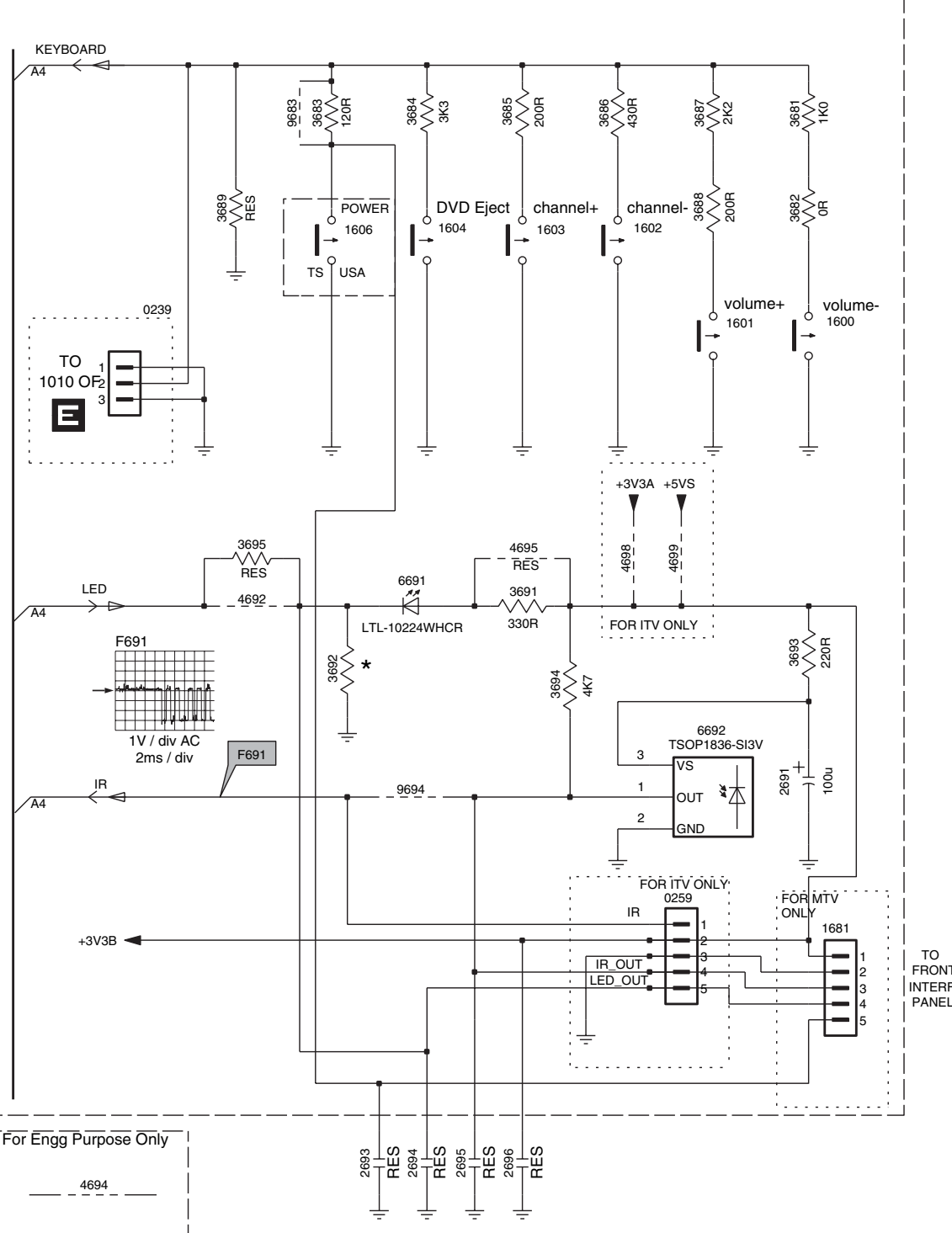
FRONT CINCH



HEADPHONE

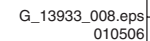


FRONT CONTROL



FAMILY BOARD 11 NC : 3139_123_5595
MAIN CHASSIS 11 NC : 3139_123_5596

A8 REAR I/O CINCH



0223-A A10	3151 C4
0223-B F1	3152 C4
0223-C C1	3153 D4
0223-D A1	3154 A4
0224 A6	3155 B4
0225-A D10	3156 B5
0225-B D10	3157 B5
0229 F8	3158 C4
0242 E2	3159 C5
0262 G5	3161 D7
1101 A2	3162 D7
1102 B2	3163 D7
1103 B2	3164 D7
1104 C2	4101 C1
1105 C2	4102 C2
1106 D2	4104 C1
1107 F1	4105 B1
1108 F1	4112 C4
1109 G1	4114 D4
1110 A9	4116 D4
1111 B9	4121 C9
1112 C9	4122 F3
1113 C9	4123 F3
1114 D9	4124 G3
1115 E9	4126 F5
1116 C3	4127 F5
1117 C3	4128 E5
1118 D3	4129 E3
1119 A2	4131 C9
1121 E4	4132 F5
1122 F4	4133 A7
1124 F3	4151 B5
1125 E2	4152 B5
1126 F3	4161 E7
1127 G3	4162 E8
2101 A3	4163 G2
2102 A3	4164 G2
2103 B3	6127 F3
2104 B3	6151 A4
2105 B4	6152 A5
2106 B4	6161 D8
2107 B2	7101 A4
2108 B2	7151 B5
2111 C4	7152 B5
2112 C4	7161 D7
2113 D4	7162 D7
2121 F2	9101 D2
2122 F2	9102 C2
2123 F5	9103 C2
2124 G2	9121 F1
2125 F5	9125 F5
2127 F2	9126 E5
2128 G2	
2131 B8	
2132 B7	
2133 C8	
2134 B7	
2135 C8	
2136 D8	
2137 B9	
2138 C9	
2141 E9	
2161 D6	
2163 D8	
3101 A3	
3102 A3	
3103 B3	
3104 B3	
3105 B3	
3106 B3	
3111 C2	
3112 C4	
3113 C2	
3114 C4	
3115 D2	
3116 D4	
3118 E6	
3121 F2	
3122 E2	
3123 F2	
3124 F2	
3125 G2	
3126 G2	
3131 B9	
3132 B8	
3133 B9	
3134 C8	
3135 C9	
3136 C9	
3137 D9	
3138 D9	
3141 E9	