

Service
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00G/01G/02G/05G/08G/10G

00U/01U/02U/05U/08U/10U



Service Manual

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*Pour votre sécurité, ces documents
doivent être utilisés par des spécia-
listes agréés, seuls habilités à réparer
votre appareil en panne.



Specification

General:

Mains voltage	: 220V / 50Hz for /00, /02, /08
	: 240V / 50Hz for /05, /10
	: 230V / 50Hz for /01
	: 120V / 60Hz for /17
Battery	: 3xR6 (only for clock)
Power consumption	: ≤ 24W in stand by
	: ≈ 30W in zero load
	: ≈ 300W operating
	: ≤ 370W in maximum power
Supply out (for FC320)	: +14V stab.
	: +12V unstab.
	: 4,1V AC on -20V for FTD
	: -25V for FTD

Tuner:	FM	MW	LW
Tuning range	87,5 - 108 MHz	522 - 1611 kHz (not for /17) 530 - 1700 kHz (only for /17)	148 - 284 kHz
Aerial input	75 Ω (not for /17) 300 Ω (only for /17)	Frame aerial (pos 430)	Frame aerial (pos 430)
IF	10,7 MHz ± 25 kHz	450 kHz ± 1 kHz	450 kHz ± 1 kHz
Sensitivity	4 μV (2 μV typ.)	3 mV/m (2 mV/m typ.)	6 mV/m (not guaranteed above 250 kHz)
Image rejection ratio	30 dB (40 dB typ.)	27 dB (30 dB typ.)	40 dB (43 dB typ.)
-3 dB limiting point	5 μV (2 μV typ.)		

Amplifier:

Output power	: 2 x 60W at 8Ω D=0,7% (from 63 Hz to 12,5 kHz)
	: 2 x 55W at 8Ω D=0,09% (measured at 1 kHz)
Headphone	: 6,3mm stereo jack
Power stage protection	: AC no
	: DC yes
	: Temperature no
	: Shortcircuit yes
Frequency response	: 20 Hz - 20 kHz ± 2 dB
Tone control	: Bass from +10 dB to -10 dB ± 2 dB at 80 Hz
	: Treble from +10 dB to -10 dB ± 2 dB at 10 kHz
Loudness	: +8 dB at 125 Hz
	: +5 dB at 6,3 kHz ± 1 dB
Input sensitivity	: CD 350 mV
	: TV 200 mV
	: PHONO 2,5 mV
	: TAPE 580 mV
	: Equal. 250 mV
	: VCR 250 mV
Output voltage	: TAPE 250 mV
	: Equal. 250 mV
	: Rec out 250 mV
	: VCR 250 mV

DISMANTLING OF POWER BOARD

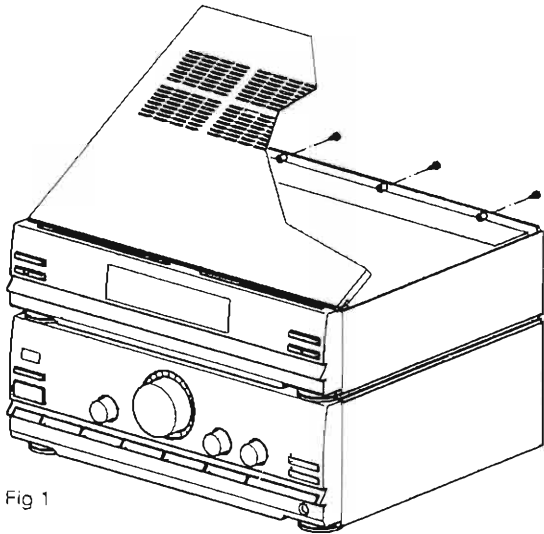


Fig 1

- 1) Loosen 3x Torx 10 screws (see figure 1).
- 2) Remove top (see figure 1).
- 3) Loosen 9x Torx 10 screws and 6x Torx M4x10 on rear part (see figure 2).
- 4) Remove Power lever (pos 417). Only snapped on power switch.
- 5) Bring the upper rear part in an upright position (see figure 3).
- 6) Loosen 5 screws (3x Torx M4x10, 2x Torx 10).

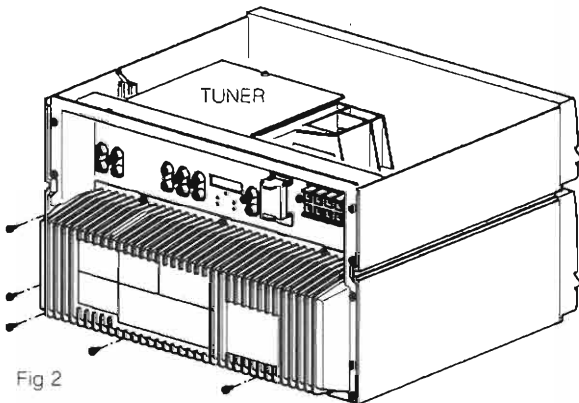


Fig 2

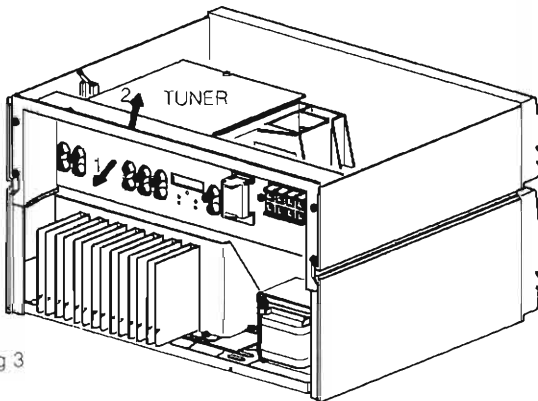


Fig 3

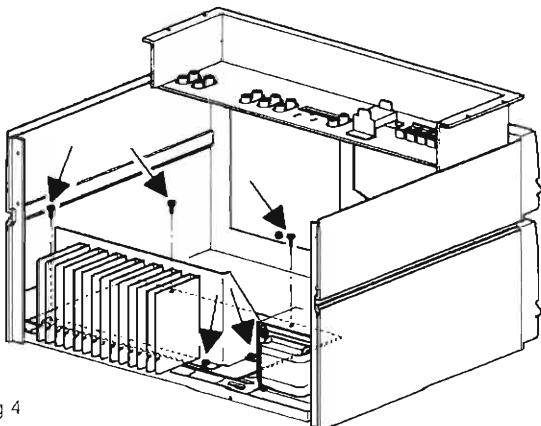


Fig 4

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T28/047

DISMANTLING OF TUNER PANEL

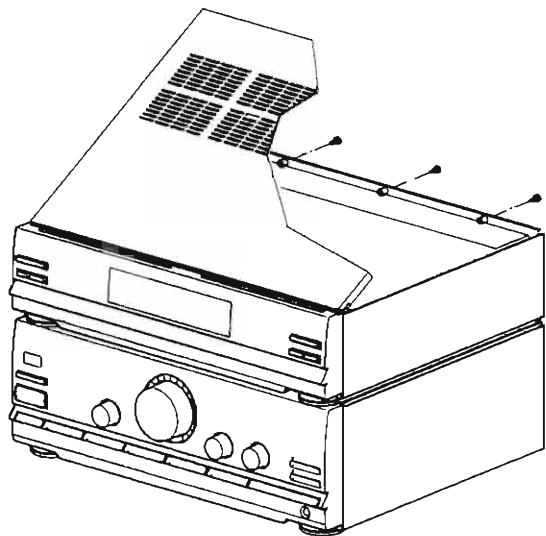


Fig.1

- 1) Loosen 3x Torx 10 screws (see figure 1).
- 2) Remove top (see figure 1).
- 3) Loosen 4x Torx 10 screws on aerial terminals (see figure 2).
- 4) Loosen 1x Torx 10 on printed circuit board (see figure 3).
- 5) Bend the hidden snaps (shown in fig. 2) with a small screw driver sideways while pulling the PCB as shown in figure 3.

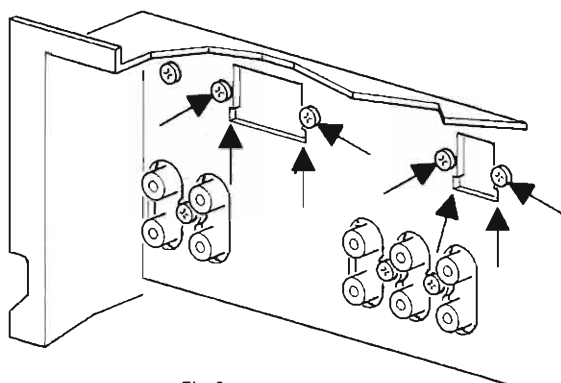


Fig.2

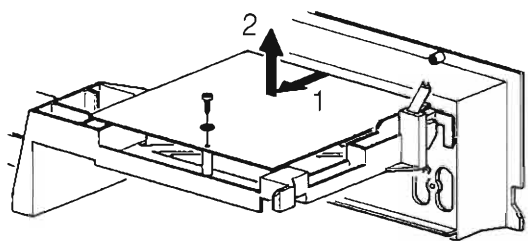


Fig.3

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T05-045

DISMANTLING OF OUTPUT PANEL

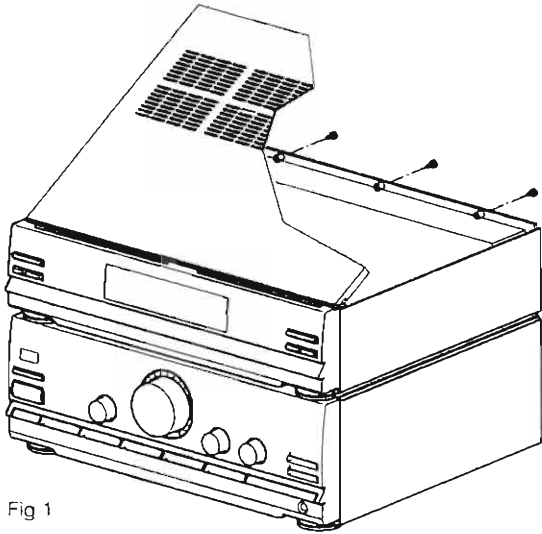


Fig 1

- 1) Loosen 3x Torx 10 screws (see figure 1).
- 2) Remove top (see figure 1).
- 3) Remove Power lever (pos 417). Only snapped on power switch.
- 4) Remove 3x Torx 10 (see figure 2).
- 5) Remove PCB as shown in figure 3.

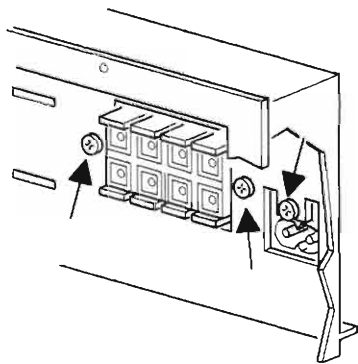


Fig 2

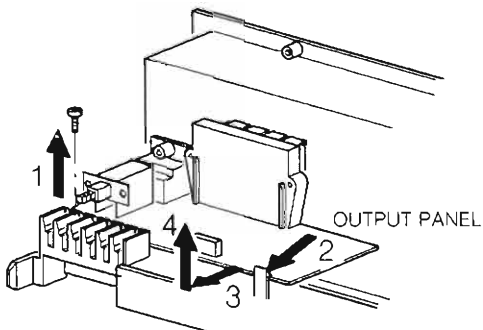


Fig 3

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DISMANTLING OF SOURCE SELECTOR

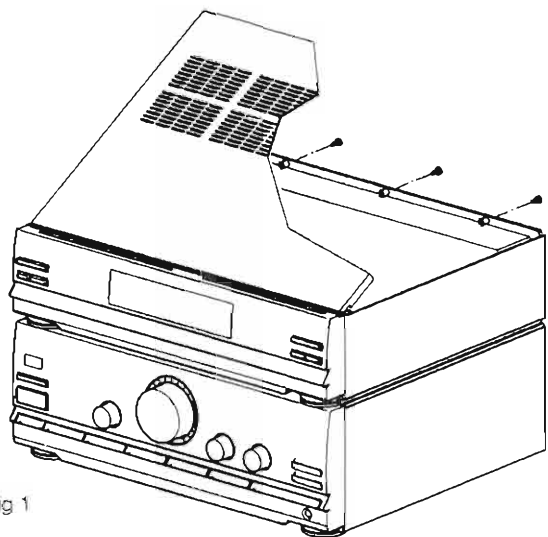


Fig 1

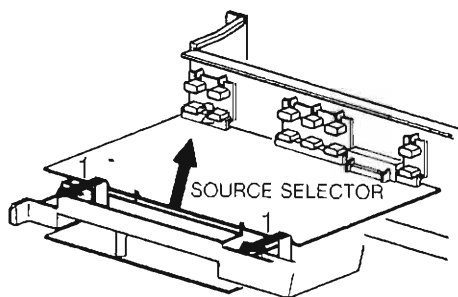


Fig 5

- 1) Loosen 3x Torx 10 screws (see figure 1).
- 2) Remove top (see figure 1).
- 3) Loosen 9x Torx 10 screws and 6x Torx M4x10 on rear part (see figure 2).
- 4) Remove Power lever (pos 417). Only snapped on power switch.
- 5) Bring the upper rear part in an upright position (see figure 3).
- 6) Loosen 5x Torx 10 screws (see figure 4). Remove equalizer bridges.
- 7) Loosen two snaps (see figure 5) and remove PCB.

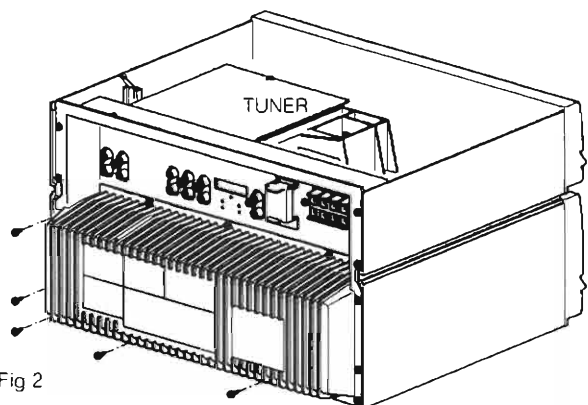


Fig 2

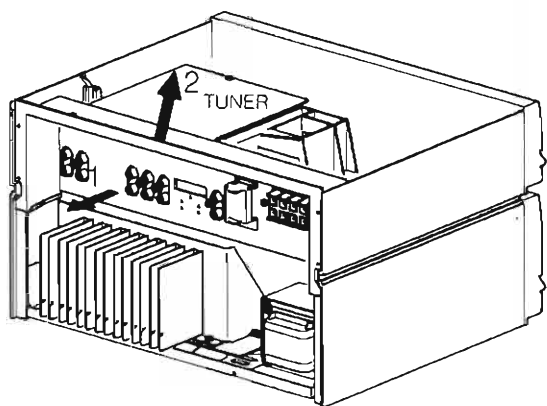


Fig 3

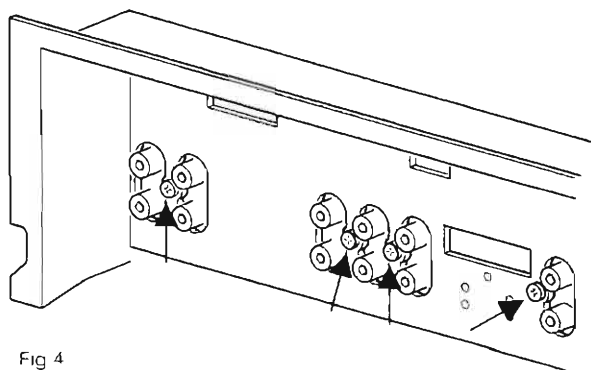


Fig 4

ACCESS TO FRONT PANELS

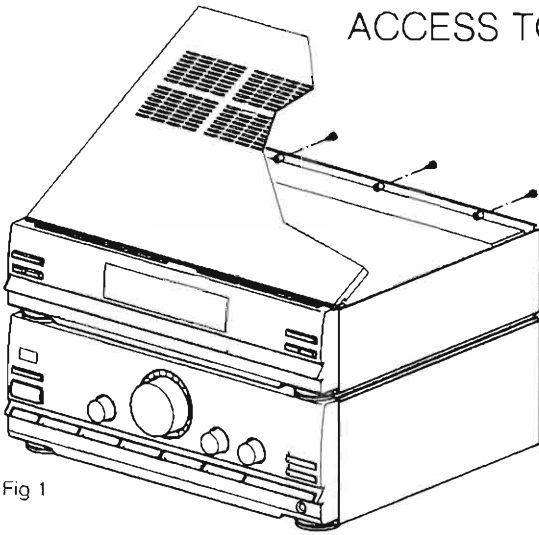


Fig 1

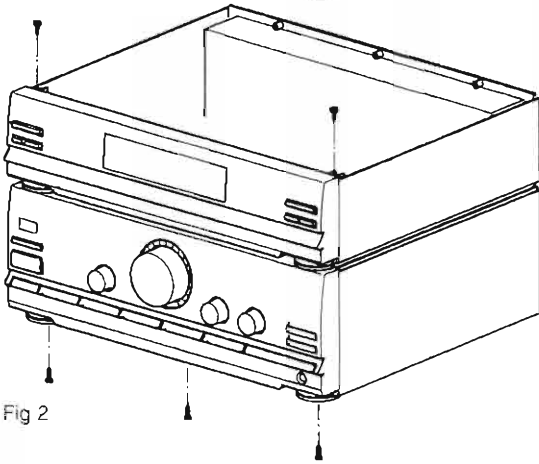


Fig 2

- 1) Loosen 3x Torx 10 screws (see figure 1).
- 2) Remove top (see figure 1).
- 3) Loosen 2x Torx 10 - front/side panels (see figure 2).
- 4) Loosen 3x Torx M4x10 on bottom (see figure 2).
- 5) Loosen two snaps on side panels (see figure 3).

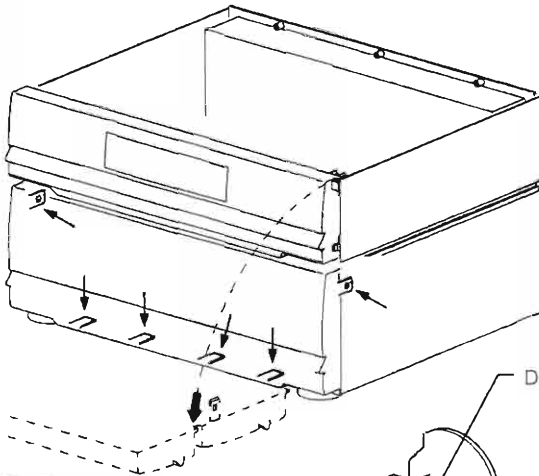
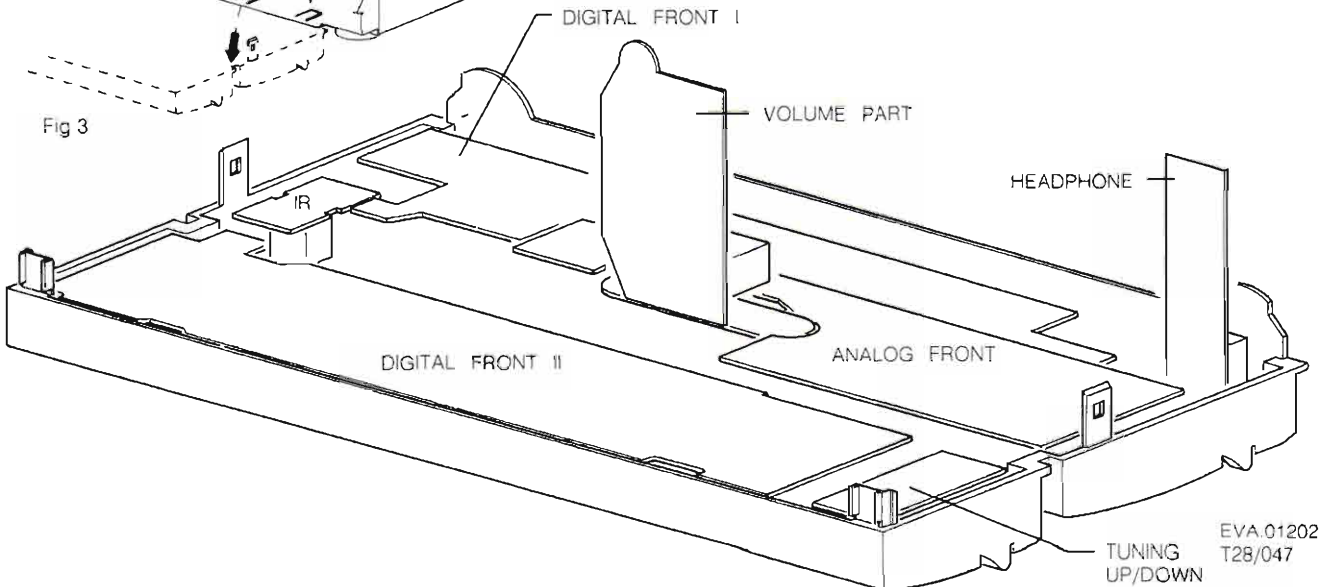
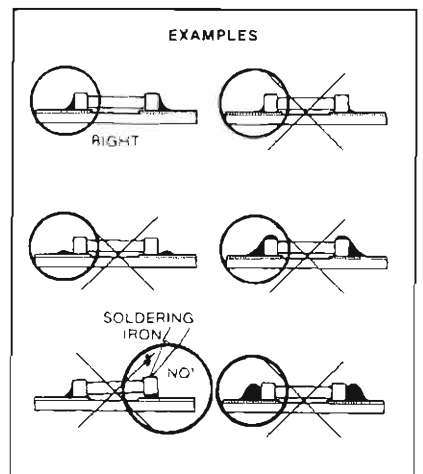
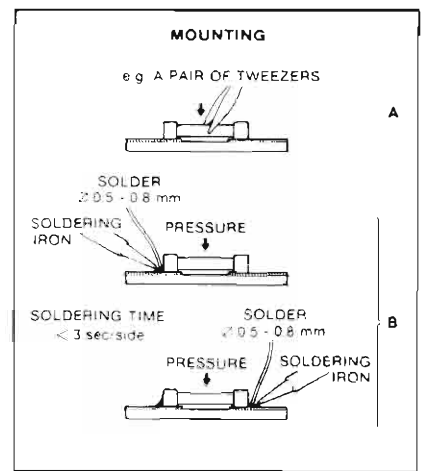
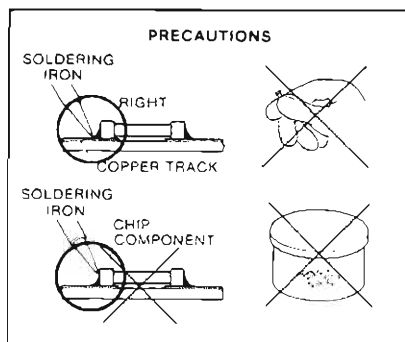
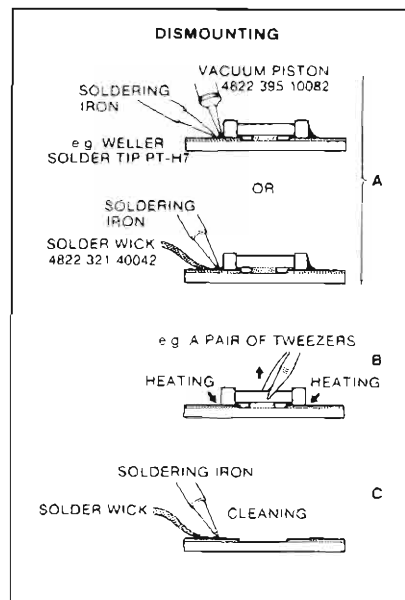
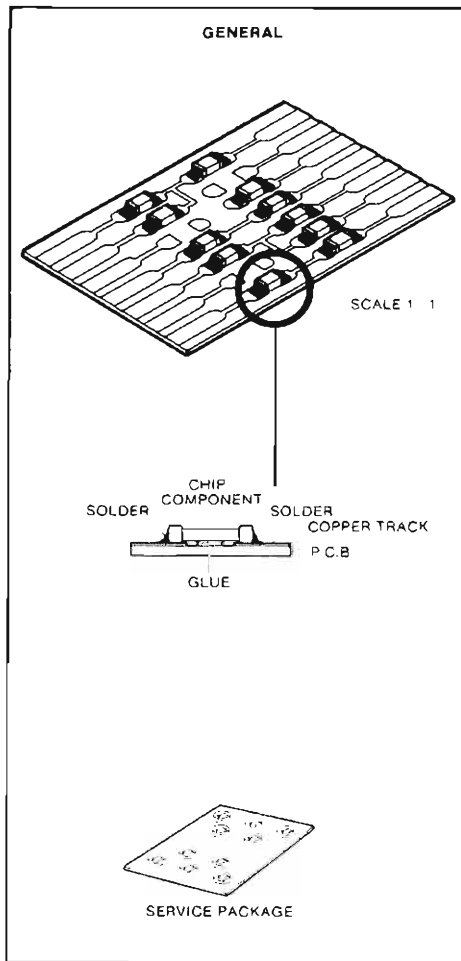


Fig 3



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T28/047



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GB WARNING

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically. When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

ESD



NL WAARSCHUWING

Alle IC's en vele andere halfgeleiders zijn gevoelig voor electrostatische ontladingen (ESD). Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen verminderen. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met hetzelfde potentiaal als de massa van het apparaat. Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

F ATTENTION

Tous les IC et beaucoup d'autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévité pourrait être considérablement écourtée par le fait qu'aucune précaution n'est prise à leur manipulation. Lors de réparations, s'assurer de bien être relié au même potentiel que la masse de l'appareil et enfiler le braceleterti d'une résistance de sécurité. Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

D WARNING

Alle ICs und viele andere Halbleiter sind empfindlich gegen elektrostatische Entladungen (ESD). Unvorsichtige Behandlung bei der Reparatur kann die Lebensdauer drastisch vermindern. Sorgen sie dafür, dass Sie im Reparaturfall über ein Pulsarmband mit Widerstand mit dem Massepotential des Gerätes verbunden sind. halten Sie Bauteile und Hilfsmittel ebenfalls auf diesem Potential.

I AVVERTIMENTO

Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD). La loro longevità potrebbe essere fortemente ridotta in caso di non osservazione della più grande cauzione alla loro manipolazione. Durante le riparazioni occorre quindi essere collegato allo stesso potenziale che quello della massa dell'apparecchio tramite un braccialetto a resistenza. Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

NL

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde worden toegepast

D

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden; für Reparaturen sind Original-Ersatzteile zu verwenden.

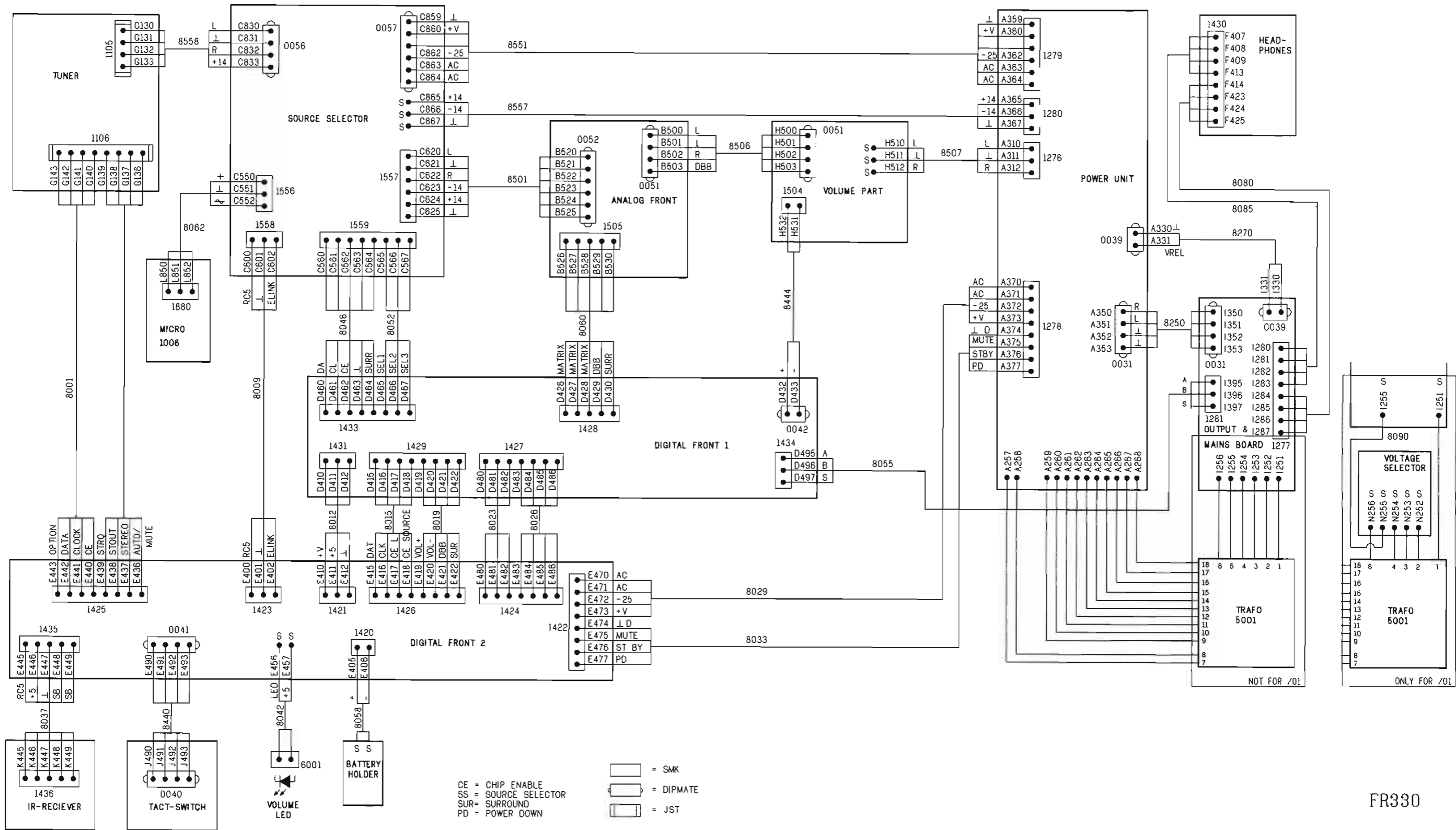
I

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati i pezzi di ricambio identici a quelli specificati.

F

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées

WIRING DIAGRAM



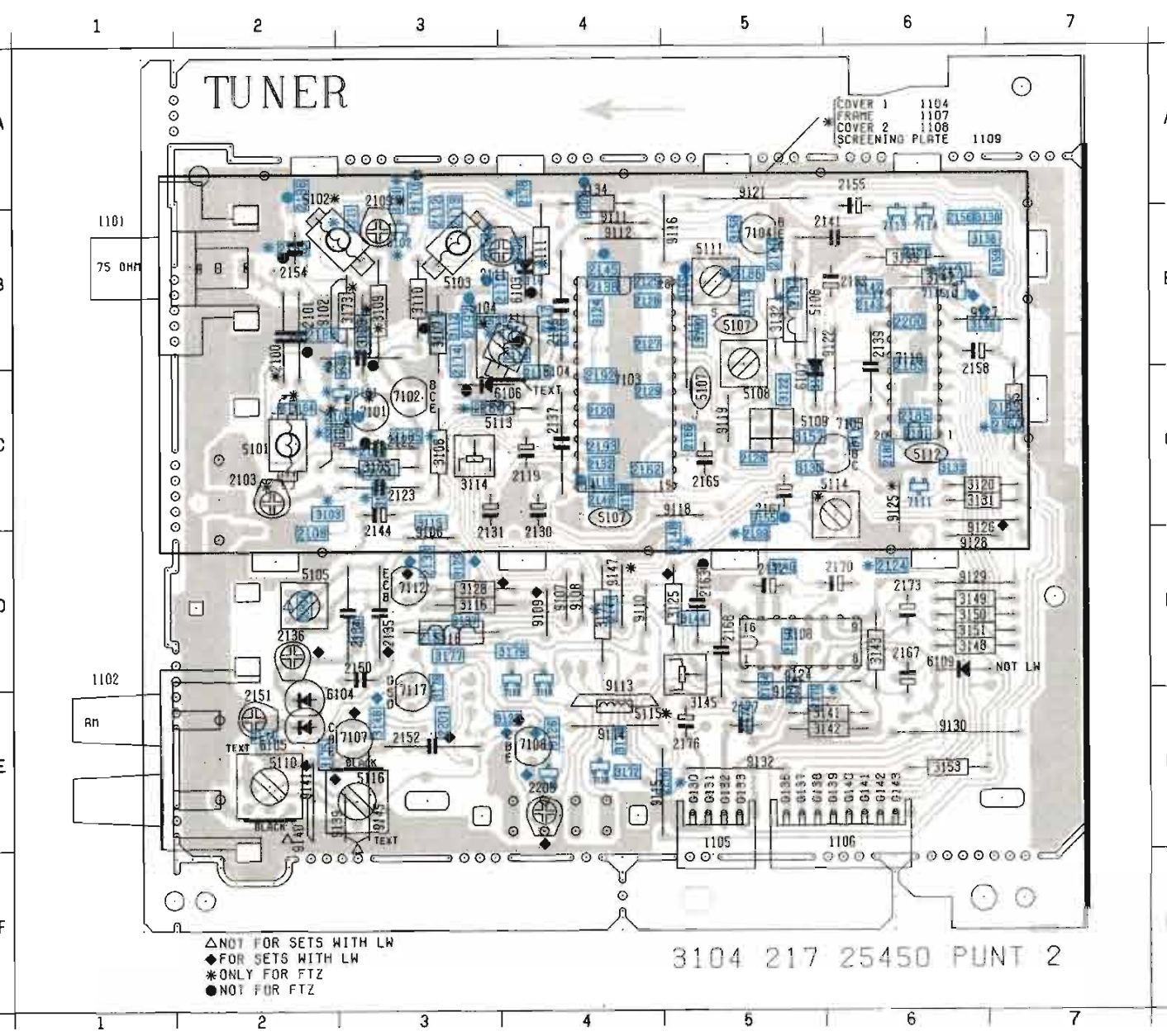
FR330

TUNER Adjustment table

Waverange	Input frequency	Input	Set tuned to	Adjust	Output	Scope / Voltmeter
VARICAP ALIGNMENT						
FM 87,5 - 108 MHz			108 MHz	5104	1	8V ± 50 mV
			87,5 MHz	check		2,7V ± 400 mV
AM (2-band version) 530 - 1700 kHz ¹⁾			1700 kHz	2136	1	7,6V ± 100 mV
			530 kHz	check		1V ± 200 mV
LW 148 - 284 kHz			284 kHz	5105		8,4V ± 200 mV
MW (3-band version) 522 - 1611 kHz ²⁾			1611 kHz	2136		8,5V ± 100 mV
FM - RF³⁾						
FM	87,5 MHz mod = 1 kHz Δf = 22,5 kHz	A	87,5 MHz	5103	2	max.
	108 MHz mod = 1 kHz Δf = 22,5 kHz			2111		
FM - IF						
FM	108 MHz Δf = 500 kHz as low as possible		108 MHz	5111		symmetrical and max. height
STEREO DECODER						
FM	98 MHz carrier 1 mV	A	98 MHz	3145	3	19 kHz ± 50 Hz
SEARCH SENSITIVITY						
FM	98 MHz carrier 12 μV	A	98 MHz	3114	4	adjust so that voltage switches from low to high
FM	98 MHz carrier 15 μV	A	99 MHz or 97 MHz	check		press DOWN or UP and check that set stops at 98 MHz
FM Autostore⁵⁾	98 MHz carrier 350 μV	A	99 MHz or 97 MHz	check		press DOWN or UP and check that set stops at 98 MHz
AM - IF						
MW	522 kHz ⁶⁾ Δf = 10 kHz as low as possible	B	522 kHz	5108	2	symmetrical and max. height
AM - RF						
MW mod = 1 kHz 30% AM	558 kHz	C	558 kHz	5110	2	max.
	1494 kHz		1494 kHz	2151		
LW mod = 1 kHz 30% AM	155 kHz	C	155 kHz	5116	2	max.
	270 kHz		270 kHz	2205		

1101 B 1 2161 C 5 3121 D 3 5112 C 6 9145 E 3
 1102 D 1 2162 C 4 3122 C 5 5113 C 4 9147 D 4
 1105 E 5 2163 D 5 3124 B 4 5114 C 6
 1106 E 6 2164 D 5 3125 D 5 5115 E 4
 2109 B 2 2165 C 5 3126 E 4 5116 C 3
 2101 B 2 2166 C 5 3127 E 4 5118 D 3
 2102 C 3 2167 D 6 3128 D 3 6101 C 3
 2103 C 2 2168 D 5 3129 D 3 6102 B 3
 2104 C 3 2169 D 5 3130 C 5 6103 B 4
 2105 C 3 2170 D 6 3131 C 5 6104 E 4
 2106 B 3 2171 B 6 3132 B 5 6105 E 2
 2107 B 3 2172 D 5 3133 C 5 6106 C 4
 2108 B 3 2173 C 6 3134 A 4 6107 C 5
 2109 B 3 2174 E 5 3135 C 7 6108 D 6
 2110 B 4 2175 E 5 3136 B 7 6110 B 4
 2111 B 3 2176 E 5 3137 D 3 6111 B 4
 2112 B 3 2177 E 5 3138 B 7 6111 C 3
 2113 B 3 2178 A 4 3139 B 6 7103 C 3
 2114 B 3 2179 E 5 3140 D 5 7103 C 4
 2115 B 4 2180 C 6 3141 E 7 7104 B 5
 2116 B 4 2181 C 6 3142 E 6 7105 C 6
 2117 B 4 2182 B 6 3143 D 6 7106 D 5
 2118 C 4 2183 C 6 3144 D 5 7107 E 3
 2119 C 4 2184 C 3 3145 E 7 7108 E 4
 2120 C 4 2185 C 6 3146 B 7 7109 E 4
 2121 C 4 2186 C 6 3147 B 6 7110 B 6
 2122 C 3 2187 B 5 3148 D 6 7111 C 6
 2123 C 3 2188 B 2 3149 D 6 7112 D 3
 2124 D 6 2189 B 2 3150 D 6 7113 B 6
 2125 B 4 2191 C 3 3151 D 6 7114 B 6
 2126 B 4 2192 C 4 3153 E 6 7115 B 6
 2127 B 4 2193 C 4 3155 C 5 7116 E 4
 2128 C 3 2195 C 7 3156 B 6 7117 E 3
 2129 C 4 2196 A 2 3157 C 5 7118 E 4
 2130 D 4 2197 B 3 3158 B 5 7119 E 4
 2131 D 3 2198 B 3 3160 B 5 9101 C 3
 2132 C 4 2199 D 5 3161 A 3 9102 B 2
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 2134 D 3 2201 E 3 3163 B 3 9107 D 4
 2135 D 3 2204 D 2 3164 C 2 9108 D 4
 2136 D 2 2205 E 4 3165 B 5 9109 D 4
 2137 C 4 2208 A 4 3170 A 3 9110 D 4
 2138 B 4 2209 A 4 3171 D 4 9111 B 4
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 2140 B 5 2211 B 3 3173 B 3 9113 E 4
 2141 B 5 3101 B 3 3174 E 2 9114 E 4
 2142 B 6 3102 C 3 3175 E 2 9115 E 4
 2143 B 6 3103 C 2 3176 D 3 9116 B 5
 2144 D 3 3104 C 3 3177 D 3 9117 B 5
 2145 B 4 3105 C 3 3178 E 4 9118 C 5
 2146 B 4 3106 B 3 3179 D 4 9119 C 5
 2147 B 4 3107 B 3 5101 C 2 9121 E 5
 2148 D 5 3108 C 3 5102 A 2 9122 B 6
 2149 C 4 3109 B 3 5103 B 3 9123 E 5
 2150 D 3 3110 B 3 5104 B 3 9124 D 5
 2151 E 2 3111 B 4 5104 C 4 9125 C 6
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 2155 B 6 3115 C 3 5107 B 5 5129 B 6
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 2157 B 6 3117 C 6 5108 C 5 5132 E 5
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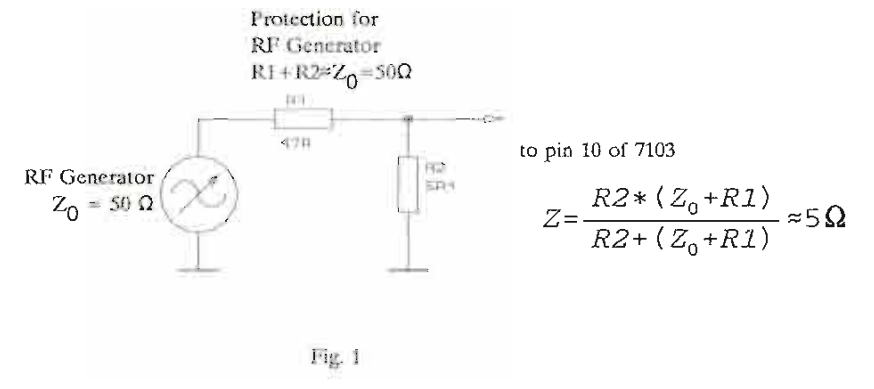
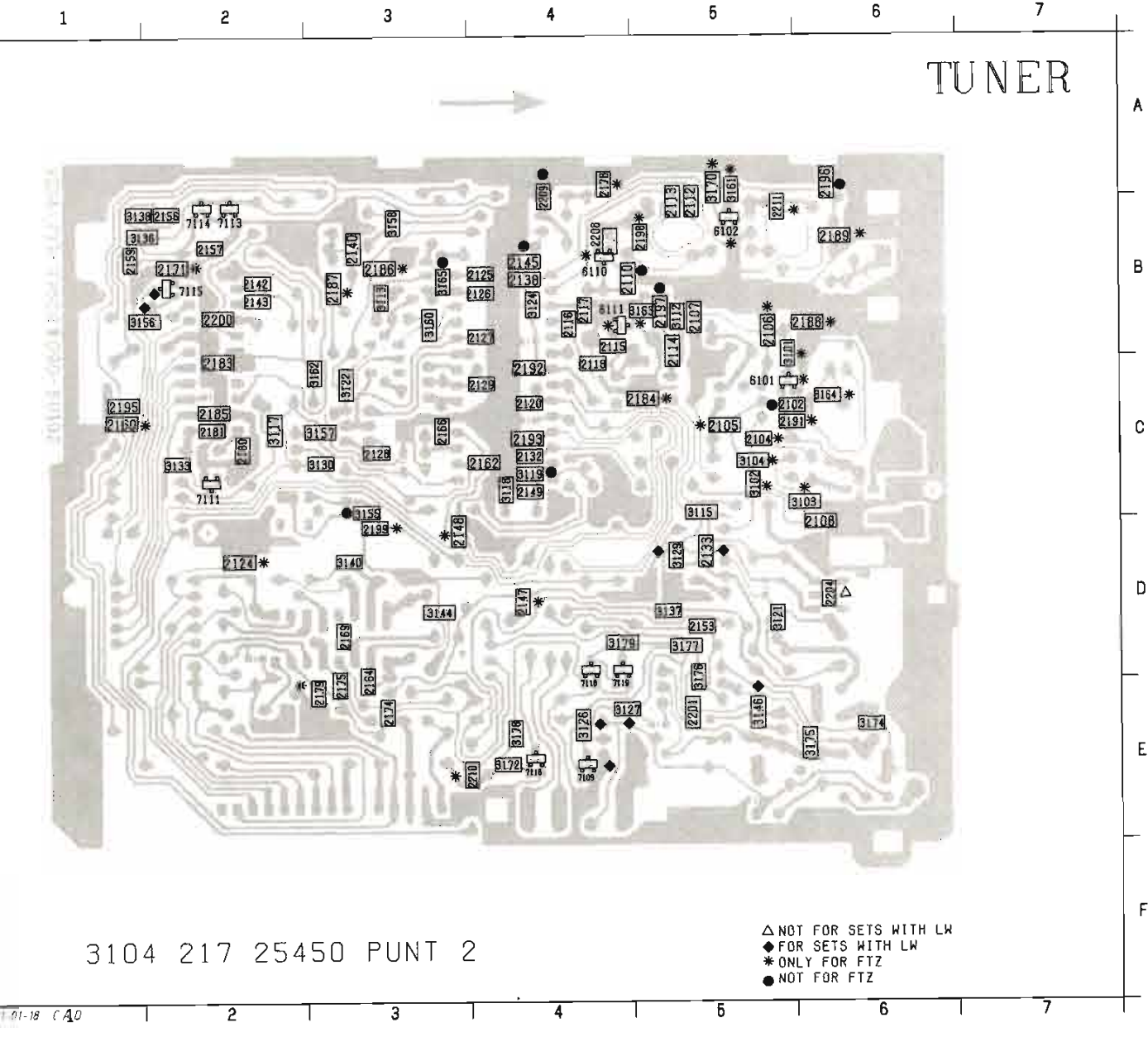
3104 217 25450 PUNT 2 DATE 91-01-09 C.A.D.



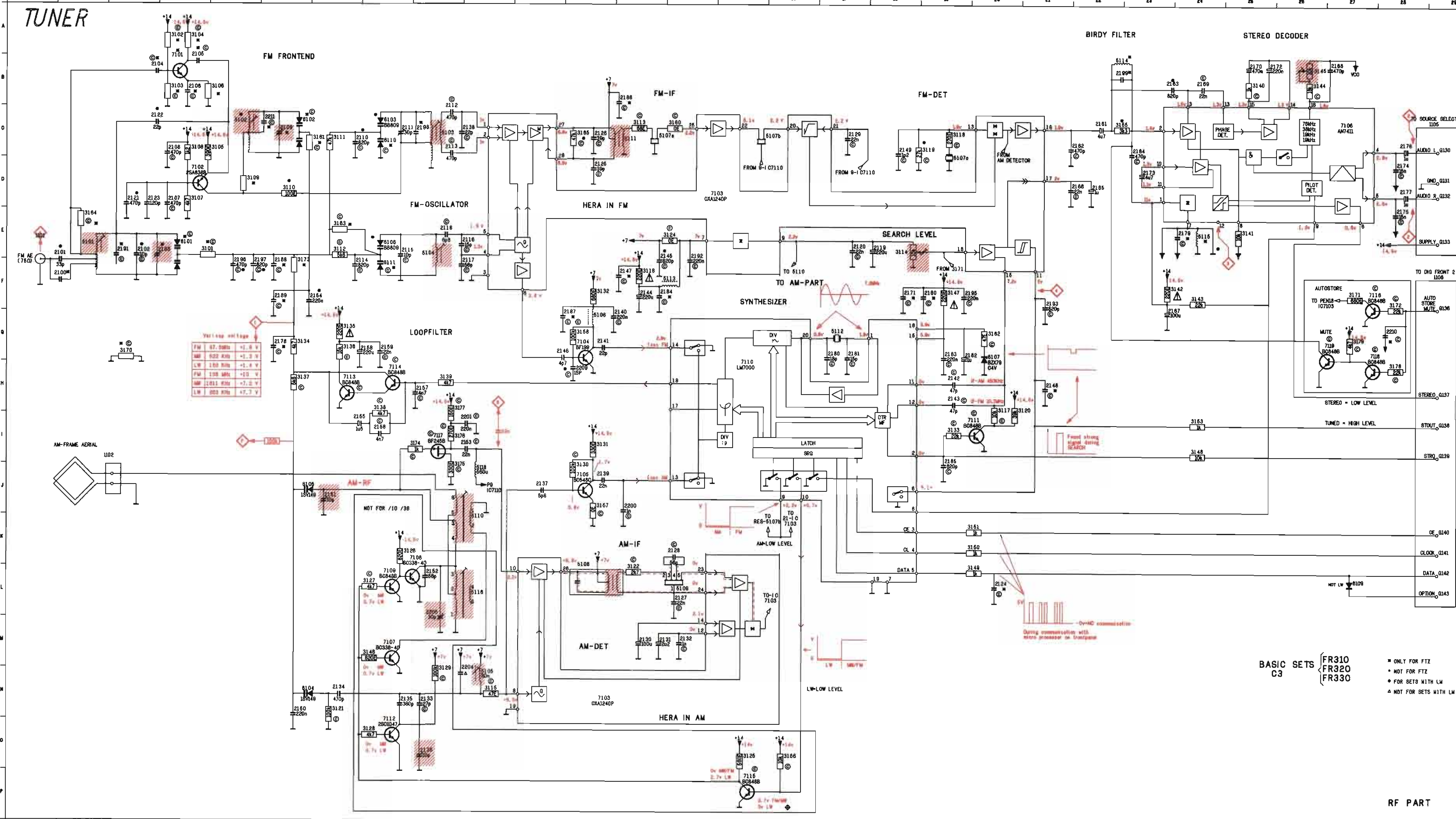
- ↓ Repeat
- used in AUSTRALIA, CANADA and USA versions.
 - used in European versions.
 - For all sets except /02 adjust coil 5101 for nominal position (top of core approx. 3mm from topedge coil).
 - only for FTZ versions
 - Connect G136 to GND to switch set into Autostore sensitivity
 - via low impedance (5Ω) direct to pin 10 of 7103 (see fig. 1).

2102 C 5 2209 B 4
 2104 C 5 2208 A 4
 2105 C 5 2210 E 3
 2106 B 5 2211 B 5
 2107 B 5 3101 B 5
 2108 B 6 3102 C 5
 2110 B 4 3103 C 6
 2112 B 5 3104 B 5
 2114 B 5 3113 B 3
 2115 B 4 3115 C 5
 2116 B 4 3117 C 2
 2117 B 4 3118 C 4
 2118 C 4 3119 C 4
 2120 C 4 3121 C 5
 2124 C 2 3122 C 3
 2125 B 4 3124 B 4
 2126 B 4 3126 E 4
 2127 B 4 3127 E 4
 2128 B 3 3129 D 5
 2129 C 4 3130 C 3
 2132 C 4 3133 C 2
 2133 D 5 3136 B 2
 2138 B 4 3137 D 5
 2140 B 3 3138 B 1
 2142 B 2 3140 D 3
 2143 B 2 3144 D 3
 2145 B 4 3146 C 3
 2147 B 4 3147 C 3
 2148 B 3 3155 B 2
 2149 C 4 3157 C 3
 2153 D 5 3158 B 3
 2156 B 2 3160 B 3
 2157 B 2 3161 B 5
 2159 B 1 3162 C 3
 2160 D 3 3163 B 5
 2162 C 3 3164 C 6
 2164 C 3 3165 B 3
 2166 C 3 3170 A 5
 2169 D 3 3172 E 4
 2171 B 2 3174 E 6
 2174 E 3 3175 E 6
 2175 E 3 3176 D 5
 2178 A 3 3177 D 5
 2179 E 3 3178 E 4
 2180 C 2 3179 D 4
 2181 C 2 6101 C 5
 2183 C 2 6102 B 5
 2184 C 5 6110 B 4
 2185 C 2 6111 B 4
 2186 B 3 7109 E 4
 2187 B 3 7111 C 2
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 2189 B 6 7114 B 2
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 2192 C 4 7116 E 4
 2193 C 4 7118 E 4
 2195 C 1 7119 E 4
 2196 A 6
 2197 B 5
 2198 B 5
 2199 D 5
 2200 B 2
 2201 E 6
 2204 D 6

3104 217 25450 PUNT 2 DATE 91-01-18 C.A.D.



1101 E 1 2104 R 3 2109 C 6 2114 F 7 2119 E 17 2124 L20 2129 C 17 2134 M 7 2139 J12 2144 F 13 2149 C18 2154 F 6 2159 O 8 2164 C23 2169 B24 2174 D28 2179 E23 2184 F13 2189 F 6 2195 F19 2200 J13 2210 F28 3104 R 4 3109 D 5 3114 E18 3119 C18 3125 O15 3130 J12 3135 O 7 3140 B25 3145 B26 3150 K20 3157 J12 3163 E 7 3172 F28 3177 M 9 3102 C 5 3107 C19 3112 O17 3118 J10 3104 M 6 3109 L27 7102 O 4 7106 C27 7111 120 7116 F27
 2100 F 2 2105 R 4 2110 C 7 2115 E 8 2120 E17 2125 D12 2130 M13 2135 M 8 2140 O12 2145 E13 2150 M 6 2155 L 7 2160 F18 2165 O22 2170 B25 2175 D28 2180 O17 2185 F13 2190 F 2 2195 F 5 2200 M 9 3101 E 4 3106 B 4 3111 C 7 3116 F13 3121 M 7 3127 L 8 3132 F12 3137 M 6 3142 F23 3147 F19 3153 L24 3160 C14 3165 C12 3174 J 9 3179 O27 3104 E 9 3109 L14 3114 B22 3121 E 4 3126 E 8 3131 F 8 3136 W12 3142 7103 W12 3108 M 9 3113 H 8 3119 O27
 2101 E 3 2107 O 4 2112 B 8 2117 F 9 2122 C 3 2127 L14 2132 M14 2137 M 9 2142 J11 2147 M19 2152 L 3 2157 M 9 2162 C21 2167 F23 2172 B25 2177 D28 2182 O19 2187 O11 2192 E14 2198 C 8 2203 L 9 3102 R 4 3107 D 4 3112 E 7 3117 M20 3122 L15 3128 O 8 3133 J19 3138 M 8 3143 F24 3148 L24 3153 C22 3161 C 8 3170 O 3 3175 J 9 3187 B 7 3105 M10 3110 K10 3115 E24 3120 C 6 3127 O20 3132 J26 7104 O12 7109 L 8 7114 M 8 7119 O27
 2109 E 3 2104 C 4 2113 C 8 2118 C 9 2123 O 3 2128 K14 2133 M 9 2138 C 9 2143 M19 2148 M21 2153 L10 2158 M 7 2163 B23 2168 B26 2173 O23 2178 O 6 2183 O13 2188 F 6 2193 F21 2198 O22 2203 B 7 3103 O 4 3108 C 4 3113 C13 3118 C19 3123 E14 3128 M 9 3133 O 6 3138 M 9 3143 B26 3148 L20 3153 O16 3158 O20 3163 O21 3168 O21 3173 F27 3178 J 9 3183 E 2 3108 O12 3111 C13 3116 L10 3121 O 4 3126 B 4 3131 J12 3136 O 5 3141 7105 C 6 3151 7107 M 8 3156 7108 M 9 3161 7109 O27
 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



Various voltages

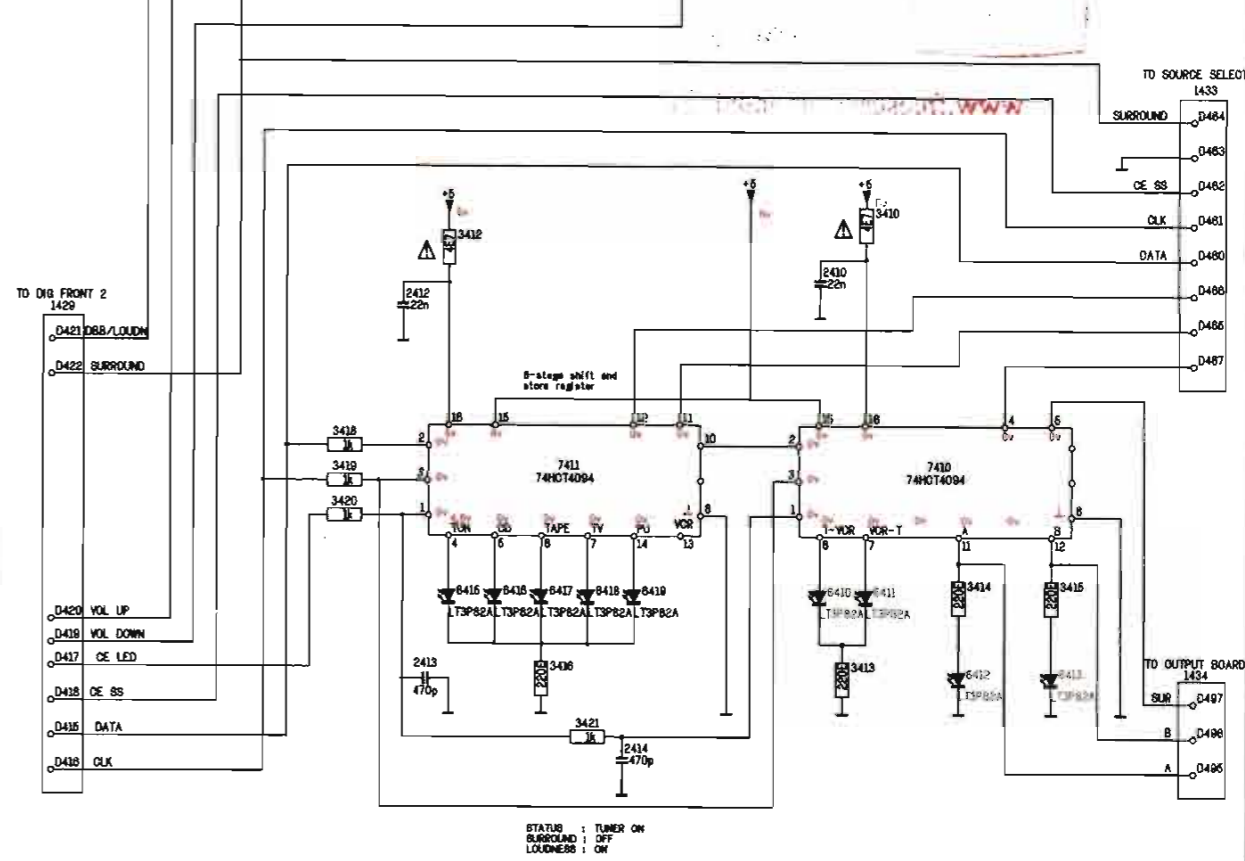
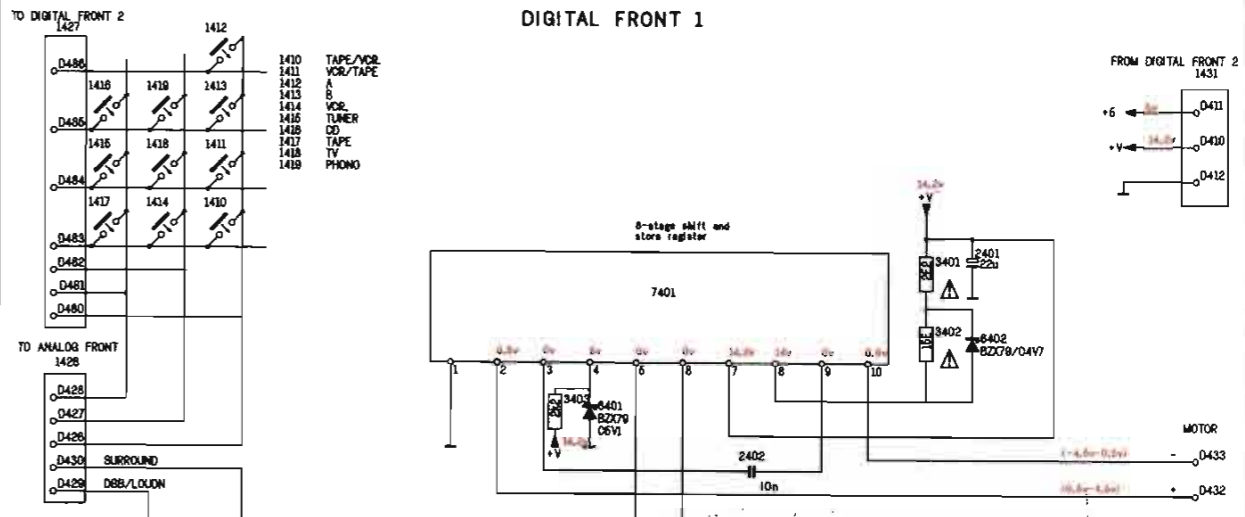
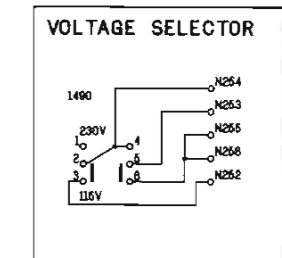
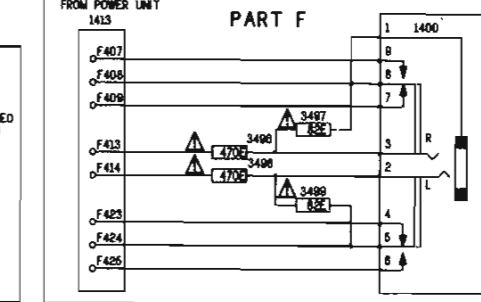
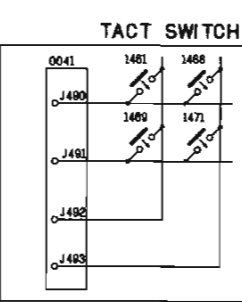
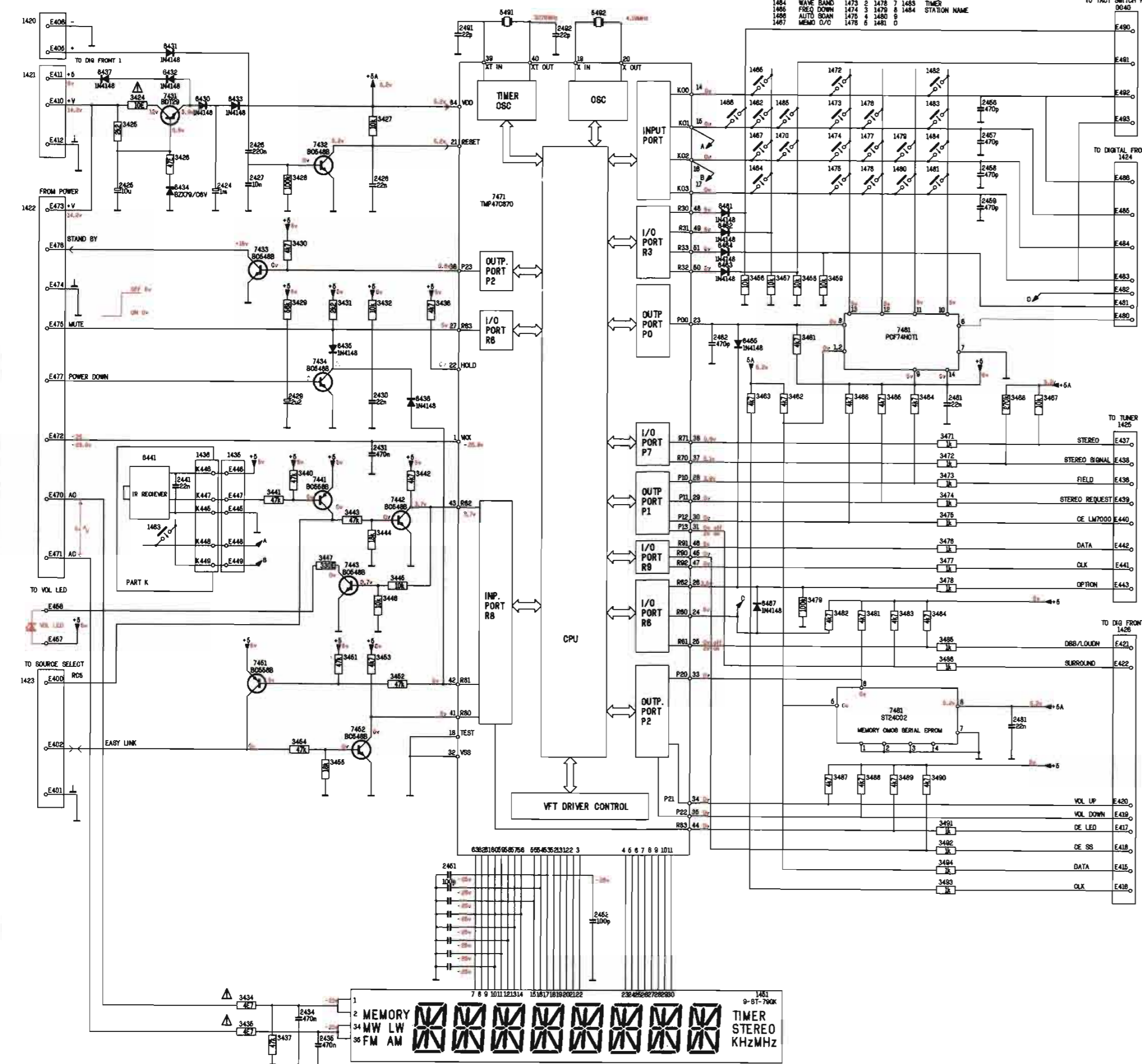
FM 87.5MHz	+1.6 V
AM 620 kHz	+1.3 V
LW 100 kHz	+1.8 V
FM 110 MHz	+1.0 V
AM 1031 kHz	+1.2 V
LW 600 kHz	+1.7 V

BASIC SETS {FR310
FR320
FR330

- ONLY FOR FTZ
- NOT FOR FTZ
- FOR SETS WITH LW
- NOT FOR SETS WITH LW

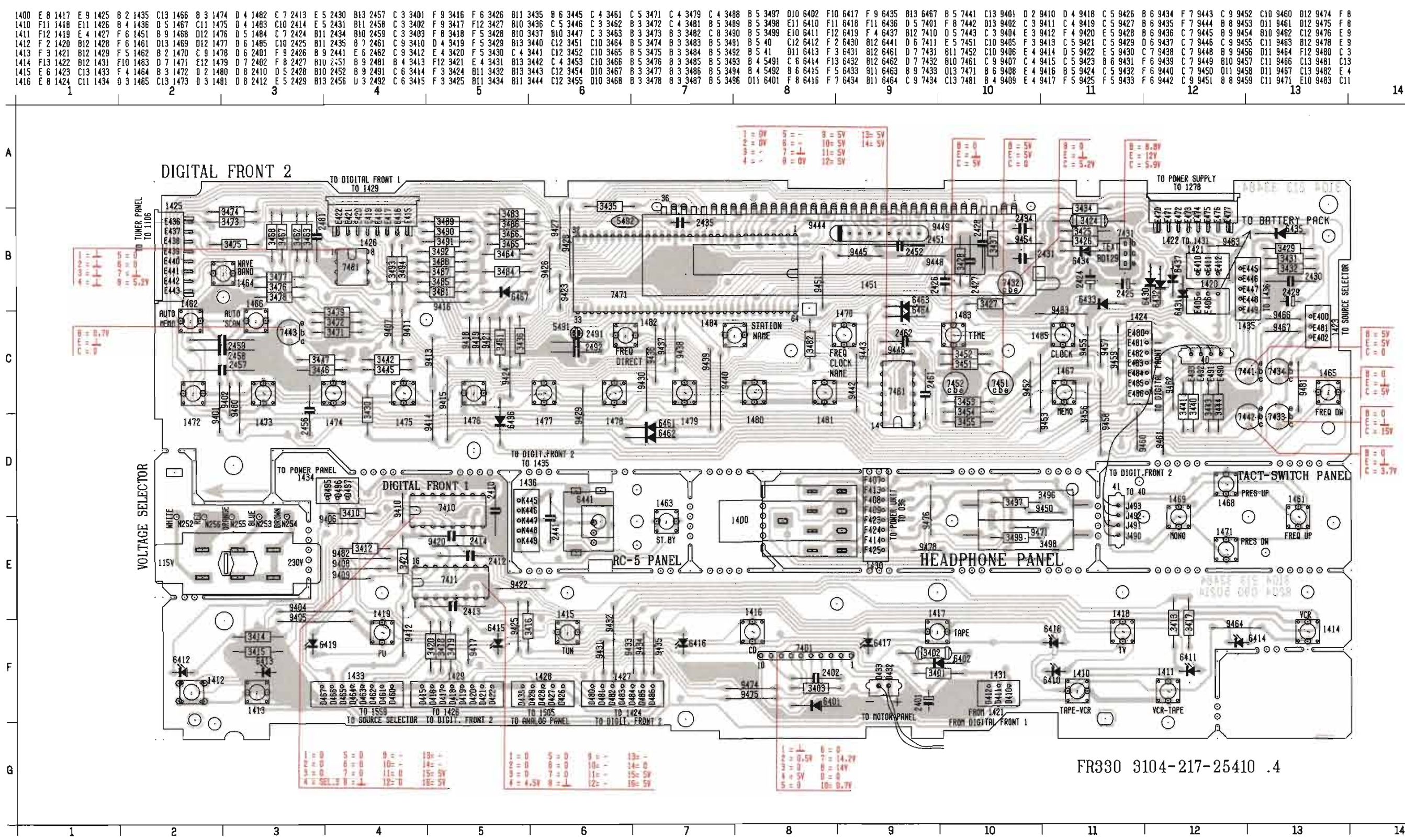
RF PART

DIGITAL FRONT 2



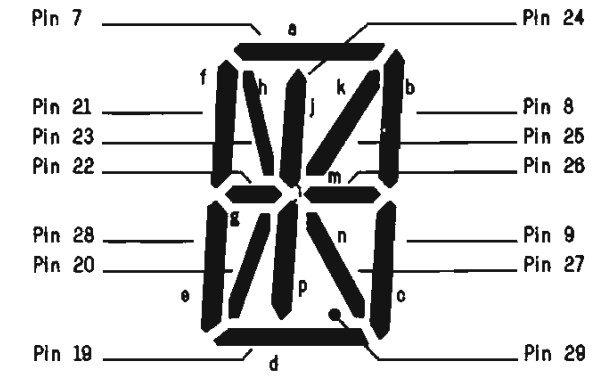
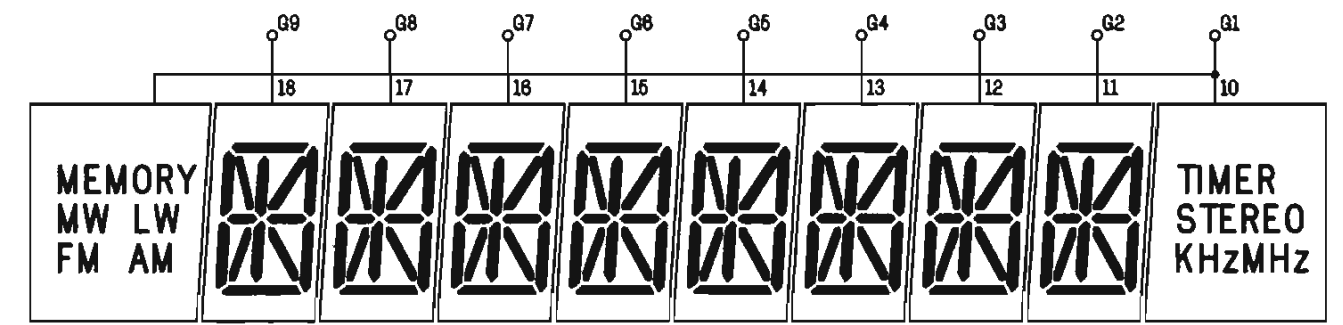
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FR330



FR330 3104-217-25410 .4

GRID ASSIGNMENT

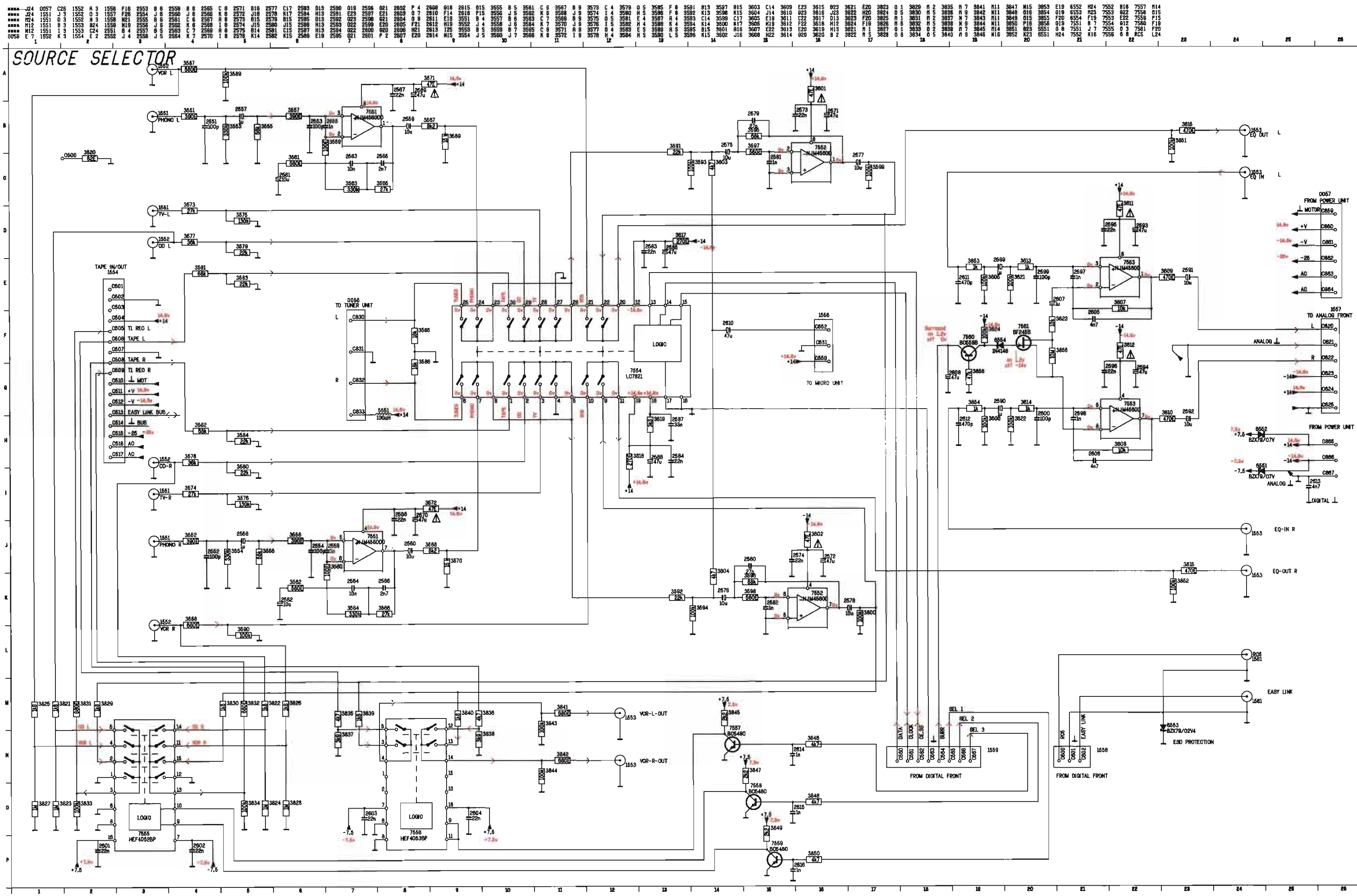


PIN CONNECTION

PIN NO	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
CONNECTION	F	F	N	N	N	P	P	P	P	P	P	P	P	P	P	P	P	Q	Q	Q	Q	Q	Q	Q	G	G	P	P	P	N	N	N	F	F	

ANODE CONNECTION

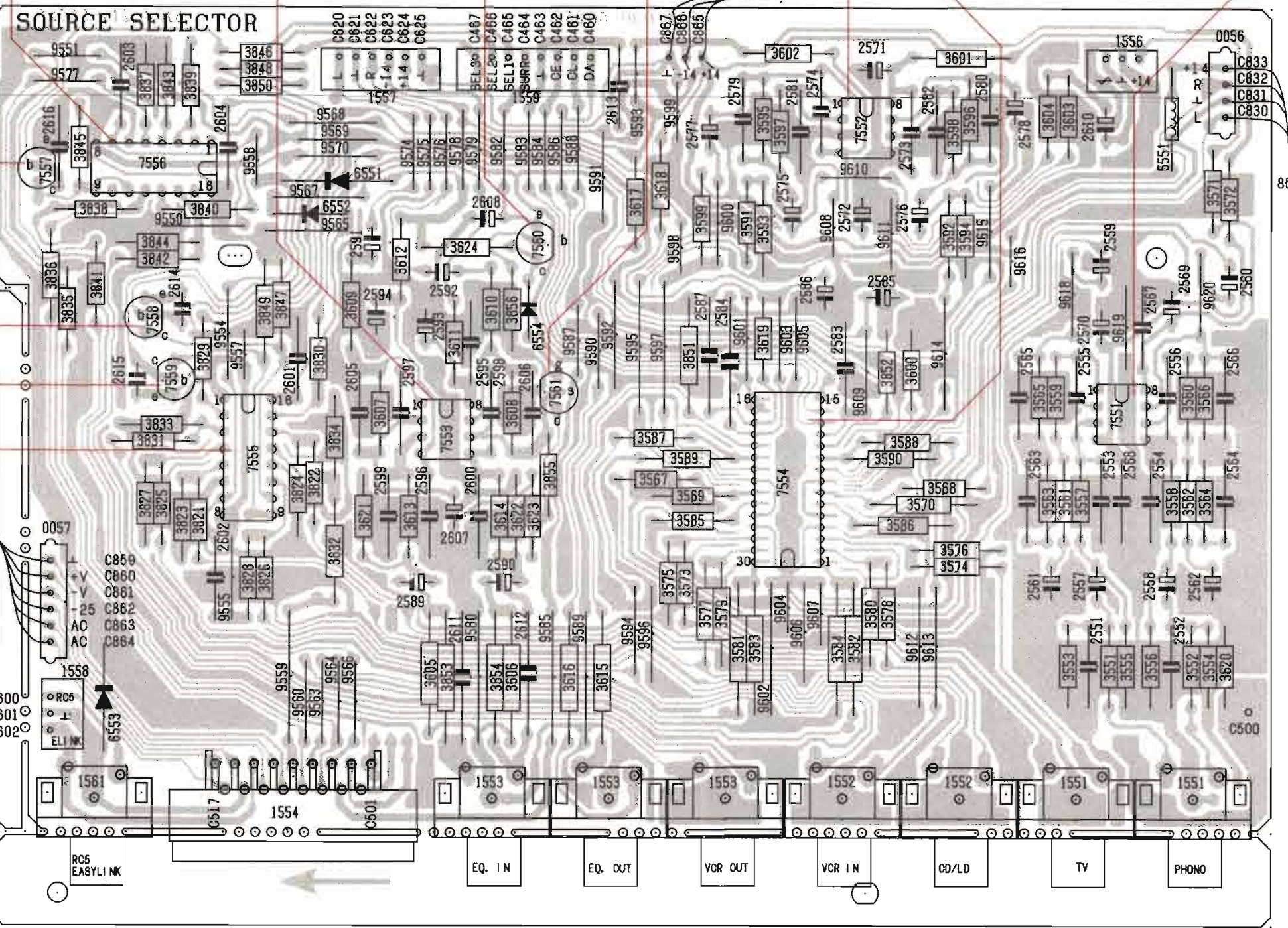
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P1	a	a	a	a	a	a	a	a	TIMER
P2	b	b	b	b	b	b	b	b	STEREO
P3	c	c	c	c	c	c	c	c	kHz
P4	d	d	d	d	d	d	d	d	MHz
P5	e	e	e	e	e	e	e	e	MEMORY
P6	f	f	f	f	f	f	f	f	MW
P7	g	g	g	g	g	g	g	g	LW
P8	h	h	h	h	h	h	h	h	FM
P9	j,p	j,p	j,p	j,p	j,p	j,p	j,p	j,p	AM
P10	k	k	k	k	k	k	k	k	-
P11	m	m	m	m	m	m	m	m	-
P12	n	n	n	n	n	n	n	n	-
P13	r	r	r	r	r	r	r	r	-
P14(lower)	.	.	-
P15	-	-	-	-	-	-(upper)	-	-	-



1 2 3 4 5 6 7 8 9

A B C D E F G

1 = NC	9 = SELECT 3	1 = 0	17 = 1.4V	1 = 0	17 = 1.4V	1 = 0
2 = NC	10 = NC	2 = 0	18 = 14.6V	2 = 0	18 = 14.6V	2 = 0
3 = IN L	11 = SELECT 3	3 = 0	19 = 14.6V	3 = 0	19 = 14.6V	3 = 0
4 = VCR OUT L	12 = TAPE R	4 = -14.6V	20 = 0	4 = -14.6V	20 = 0	4 = -14.6V
5 = TAPE L	13 = IN R	5 = 0	21 = 0	5 = 0	21 = 0	5 = 0
6 = L	14 = VCR OUT R	6 = 0	22 = 0	6 = 0	22 = 0	6 = 0
7 = -7.5V	15 = NC	7 = 0	23 = 0	7 = 0	23 = 0	7 = 0
8 = L	16 = 7.5V	8 = 14.6V	24 = 0	8 = 14.6V	24 = 0	8 = 14.6V

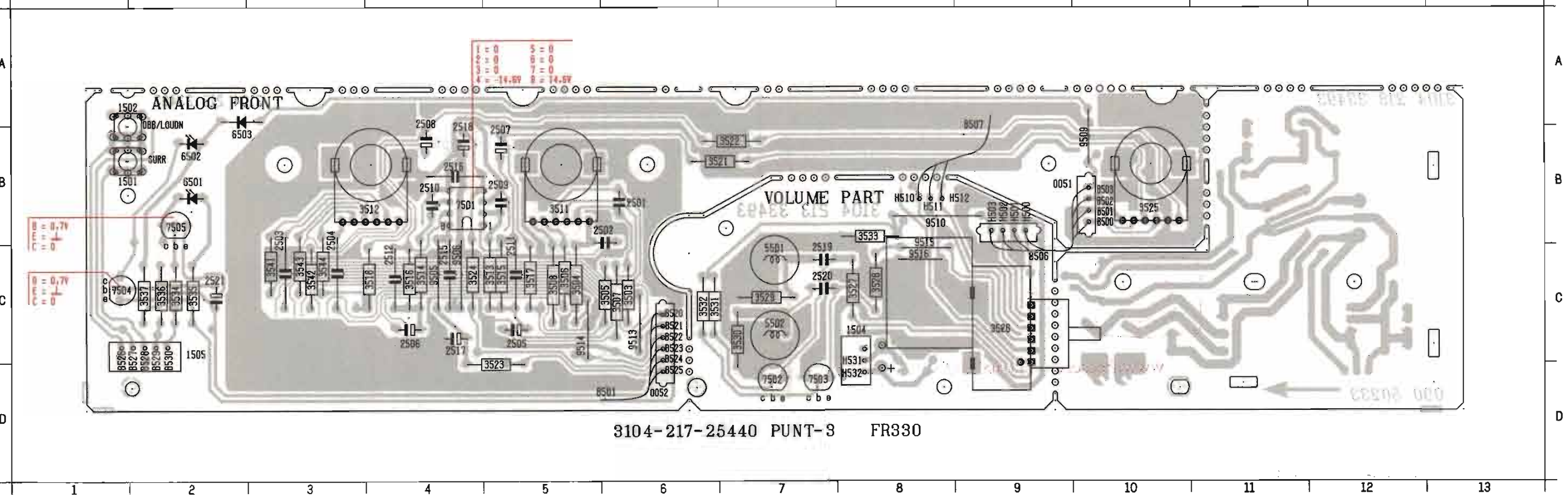


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1551	F 8	2615	D 2	3624	C 4	9578	B 4
1551	F 9	2616	B 2	3821	E 3	9579	B 4
1552	F 7	3551	E 8	3822	D 3	9580	E 4
1552	F 7	3552	E 9	3823	E 3	9582	B 4
1553	F 4	3553	E 8	3824	D 3	9583	B 5
1553	F 5	3554	E 9	3825	E 3	9584	B 5
1553	F 6	3555	E 8	3826	E 3	9585	E 5
1554	F 3	3556	E 8	3827	E 2	9586	B 5
1556	B 8	3557	D 8	3828	E 3	9587	D 5
1557	B 4	3558	D 8	3829	D 3	9588	B 5
1558	F 2	3559	D 8	3830	D 3	9589	E 5
1559	B 5	3560	D 9	3831	D 2	9590	D 5
1561	F 2	3561	D 8	3832	E 4	9591	C 5
2551	E 8	3562	D 9	3833	D 2	9592	D 5
2552	E 9	3563	D 8	3834	D 4	9593	B 5
2553	D 8	3564	D 9	3835	C 2	9594	E 5
2554	D 8	3565	D 8	3836	C 2	9595	D 5
2555	D 8	3566	D 9	3837	B 2	9596	E 5
2556	D 9	3567	D 5	3838	C 2	9597	D 5
2557	E 8	3568	D 7	3839	B 3	9598	C 6
2558	E 8	3569	E 6	3840	C 3	9599	B 6
2559	C 8	3570	E 7	3841	C 2	9600	C 6
2560	C 9	3571	C 9	3842	C 2	9601	C 6
2561	E 8	3572	C 9	3843	B 3	9602	F 6
2562	E 9	3573	E 6	3844	C 2	9603	D 6
2563	D 8	3574	E 7	3845	B 2	9604	E 6
2564	D 9	3575	E 6	3846	B 3	9605	D 6
2565	D 8	3576	E 7	3847	C 3	9606	E 6
2566	D 9	3577	E 6	3848	B 3	9607	E 6
2567	C 8	3578	E 7	3849	C 3	9608	C 6
2568	D 8	3579	E 6	3850	B 3	9609	D 7
2569	C 9	3580	E 7	3851	D 6	9610	C 7
2570	C 8	3581	E 6	3852	D 7	9611	C 7
2571	B 7	3582	E 7	3853	F 4	9612	E 7
2572	C 7	3583	E 6	3854	F 4	9613	E 7
2573	B 7	3584	E 7	3855	D 5	9614	D 7
2574	B 6	3585	E 6	3856	C 5	9615	C 7
2575	C 6	3586	E 7	3857	B 8	9616	C 8
2576	C 7	3587	D 5	3858	C 4	9618	C 8
2577	B 6	3588	D 7	3859	C 4	9619	C 8
2578	B 8	3589	D 6	3860	F 2	9620	C 9
2579	B 6	3590	D 7	3861	D 5		
2580	B 7	3591	C 6	3862	D 8		
2581	B 6	3592	C 7	3863	B 7		
2582	B 7	3593	C 6	3864	D 4		
2583	D 7	3594	C 7	3865	D 6		
2584	C 6	3595	B 6	3866	D 3		
2585	C 7	3596	B 7	3867	C 2		
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2587	C 6	3598	B 7	3869	C 2		
2588	E 4	3599	C 6	3870	D 3		
2590	E 4	3600	D 7	3871	C 5		
2591	C 4	3601	B 7	3872	D 5		
2592	C 4	3602	B 6	3873	D 1		
2593	C 4	3603	B 8	3874	A 6		
2594	C 4	3604	B 8	3875	B 3		
2595	D 4	3605	F 4	3876	E 3		
2596	D 4	3606	F 5	3877	D 3		
2597	D 4	3607	D 4	3878	E 3		
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2600	D 4	3610	C 4	3881	F 3		
2601	D 3	3611	D 4	3882	F 3		
2602	E 3	3612	C 4	3883	F 3		
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2605	D 4	3615	F 5	3886	E 4		
2606	D 5	3616	F 5	3887	C 3		
2607	E 4	3617	C 5	3888	B 3		
2608	C 4	3618	C 5	3889	B 4		
2610	B 8	3619	D 6	3890	B 4		
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2612	E 5	3621	E 4	3892	B 4		

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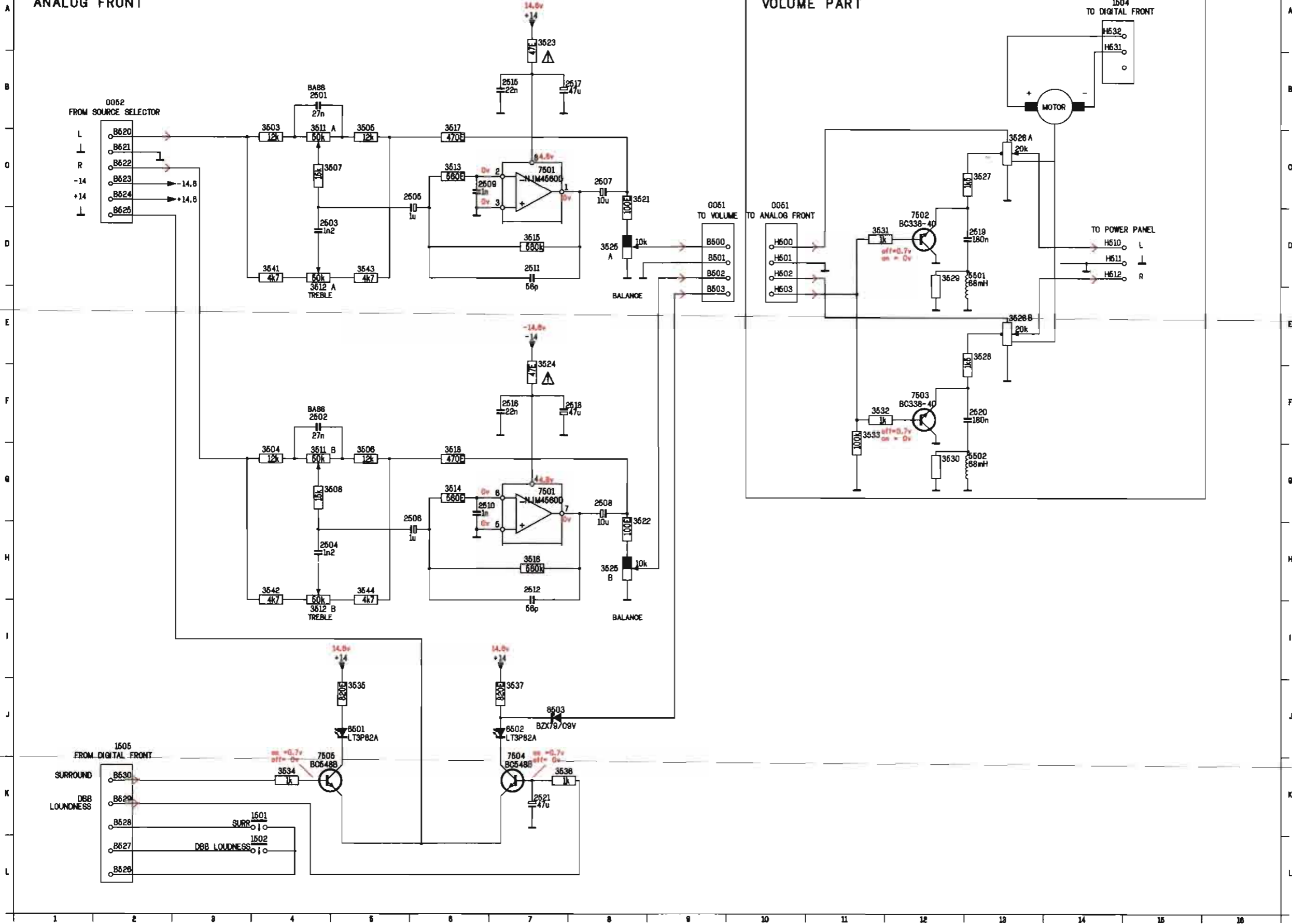
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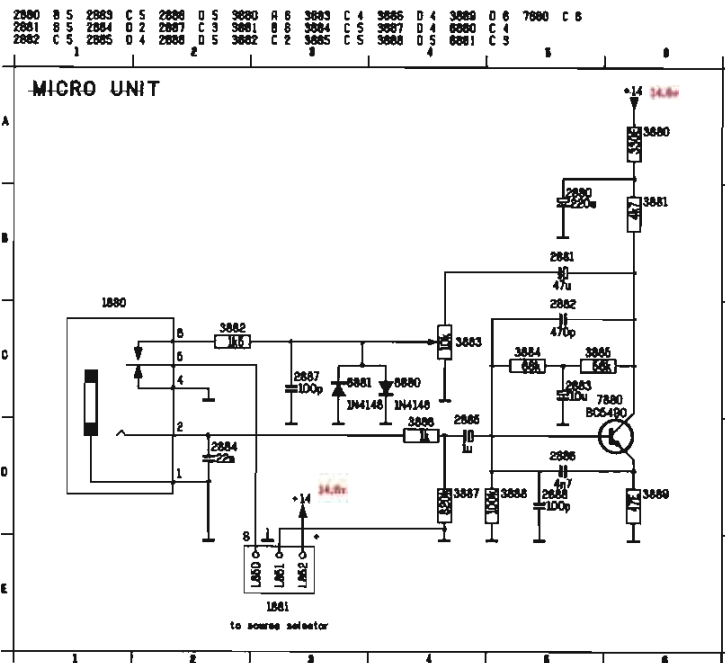
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 1501 B 1 1505 C 2 2503 B 3 2506 C 4 2509 B 5 2512 C 4 2517 C 4 2520 C 7 3504 C 5 3507 C 6 3512 B 4 3515 C 5 3518 C 4 3523 D 5 3526 C 9 3529 C 7 3532 C 6 3535 C 2 3541 C 3 3544 C 3 6501 B 2 7501 B 4 7504 C 1 8506 C 9 9506 C 4 9513 C 6 9516 C 8
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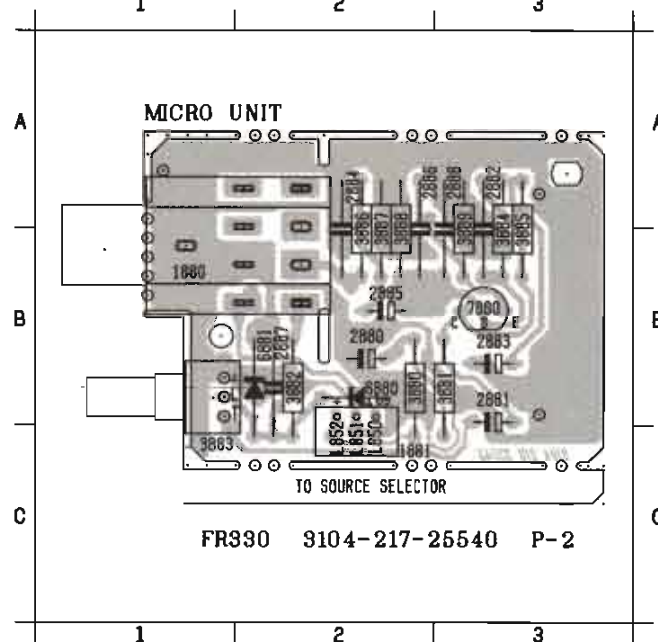
ANALOG FRONT

VOLUME PART





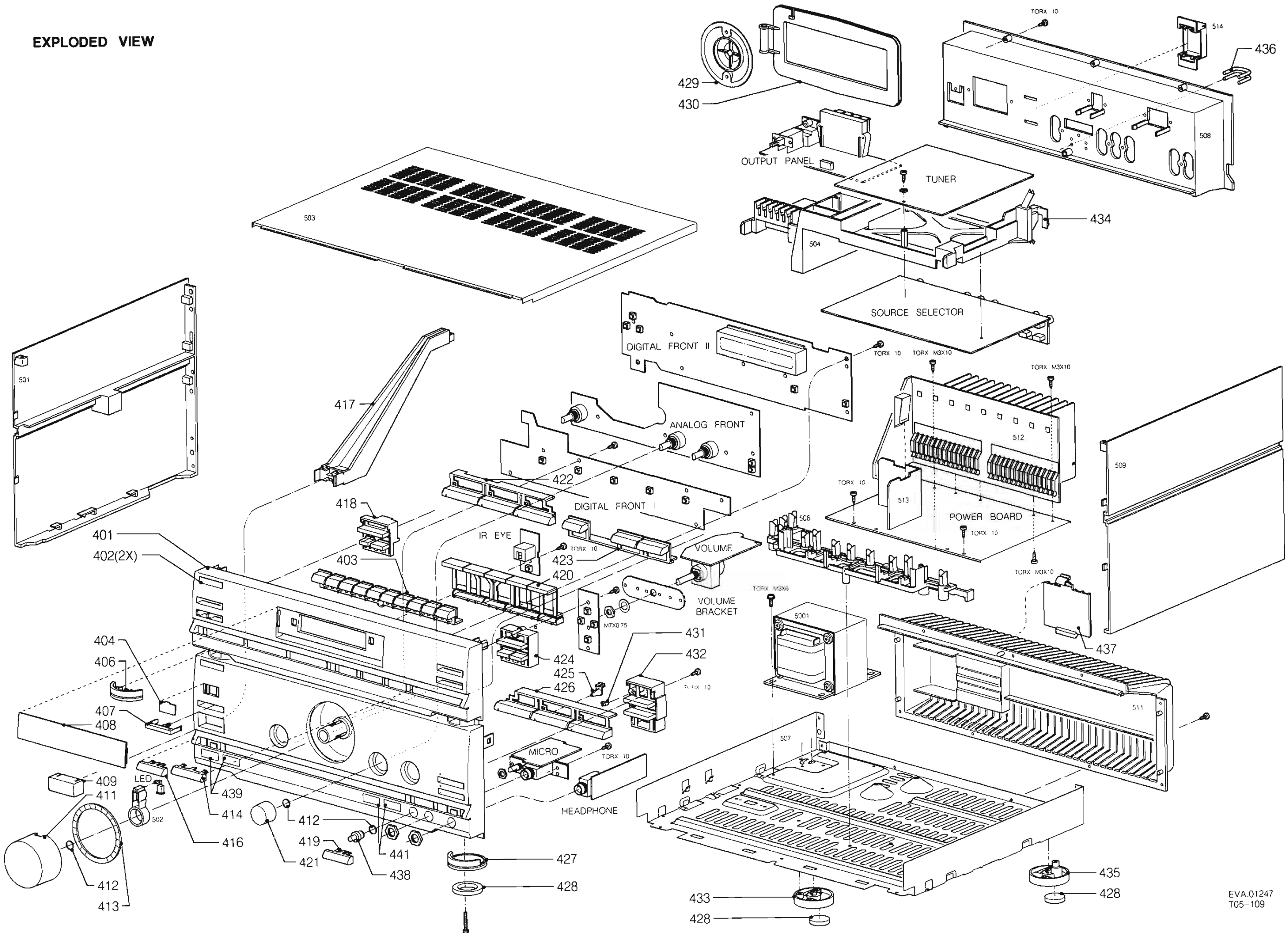
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 1881 C 2 2883 B 3 2887 B 2 3882 B 2 3886 A 2 6880 B 2
 2880 B 2 2884 A 2 2888 A 3 3883 C 1 3887 A 2 6881 B 2
 2881 B 3 2885 B 2 3880 B 2 3884 A 3 3888 A 2 7880 B 3



Mechanical Partslist

	4822	256	91755	DISPLAY HOLDER
401	4822	443	41003	FRONT PRINTED
402	4822	459	10887	WORDMARK "PHILIPS"
403	4822	410	61133	TUNER PRESET BUTTONS
404	4822	450	61675	WINDOW REMOTE
406	4822	462	71743	FOOT TUNER
407	4822	410	61099	BUTTON STAND BY
408	4822	450	61691	WINDOW TUNER
409	4822	410	61098	CAP POWER BUTTON
411	4822	411	61765	KNOB VOLUME
412	4822	492	63086	SPRING KNOB FIXATION
413	4822	450	61677	WINDOW VOLUME
414	4822	410	61131	FAKE BUTTON TUNER
416	4822	410	61132	FAKE BUTTON SELECTOR
417	4822	535	93188	POWER ROD
418	4822	417	11131	BUTTON WAVE BAND
419	4822	410	61132	FAKE BUTTON SELECTOR
420	4822	410	61134	BUTTONS TIMER
421	4822	413	51364	KNOB (BASS TREBLE BALANCE)
422	4822	410	61136	BUTTON PHONO/TUNER/CD
423	4822	410	61135	BUTTON MEMORY/FREQUENCY
424	4822	417	11134	BUTTON MONO/STEREO
425	4822	466	70717	LIGHT DIFFUSER SELECTOR
426	4822	410	61137	BUTTON TAPE/TV
427	4822	462	71744	FOOT AMPLIFIER
428	4822	462	41783	RUBBER FOOT BACK/FRONT
429	4822	462	71749	LOOP ANTENNA FOOT
430	4822	303	40055	FRAME AERIAL
431	4822	466	70716	LIGHT DIFFUSER SURROUND
432	4822	417	11132	BUTTON SURROUND
433	4822	462	41784	FOOT REARSIDE LEFT
434	4822	492	70854	EARTH SPRING
435	4822	462	41785	FOOT REARSIDE RIGHT
436	4822	404	21141	EQUALIZER BRIDGE
437	4822	426	60599	CAP BATTERY HOLDER
	4822	290	80901	BATTERY SPRING +/-
	4822	492	70868	BATTERY SPRING +
	4822	492	70869	BATTERY SPRING -
438	4822	410	61231	KNOB MICRO MIX
439	4822	410	61228	BUTTON SPEAKER A/B
441	4822	410	61229	BUTTON COPY TAPE/VCR

EXPLODED VIEW



MISCELLANEOUS

1101	4822 218 10413	IR REMOTE CONTROL	1466	4822 276 13066	TACT SWITCH
1102	4822 267 31128	COAX,ANTENNA 75 OHM	1467	4822 276 13066	TACT SWITCH
1250	4822 071 54002	TERMINAL (AM AERIAL)	1468	4822 276 13066	TACT SWITCH
1251	4822 071 54002	FUSE T4A	1469	4822 276 13066	TACT SWITCH
		FUSE T4A	1470	4822 276 13066	TACT SWITCH
1252	4822 071 53152	FUSE T3,5A	1471	4822 276 13066	TACT SWITCH
1253	4822 071 53152	FUSE T3,5A	1472	4822 276 13066	TACT SWITCH
1259	4822 071 51002	FUSE T1A	1473	4822 276 13066	TACT SWITCH
1260	4822 071 51002	FUSE T1A	1474	4822 276 13066	TACT SWITCH
1261	4822 071 51602	FUSE T1.6A	1475	4822 276 13066	TACT SWITCH
1262	4822 071 51602	FUSE T1.6A	1476	4822 276 13066	TACT SWITCH
1271	4822 276 13088	POWER SWITCH	1477	4822 276 13066	TACT SWITCH
1272	4822 267 31308	TERMINAL (2xSPEAKER)	1478	4822 276 13066	TACT SWITCH
1273	4822 265 20291	MAINS SOCKET	1479	4822 276 13066	TACT SWITCH
1282	4822 267 31347	PUSH TERMINAL	1480	4822 276 13066	TACT SWITCH
1400	4822 267 30968	PHONE SOCKET	1481	4822 276 13066	TACT SWITCH
1410	4822 276 13066	TACT SWITCH	1482	4822 276 13066	TACT SWITCH
1411	4822 276 13066	TACT SWITCH	1483	4822 276 13066	TACT SWITCH
1412	4822 276 13066	TACT SWITCH	1484	4822 276 13066	TACT SWITCH
1413	4822 276 13066	TACT SWITCH	1485	4822 276 13066	TACT SWITCH
1414	4822 276 13066	TACT SWITCH	1501	4822 276 13066	TACT SWITCH
1415	4822 276 13066	TACT SWITCH	1502	4822 276 13066	TACT SWITCH
1416	4822 276 13066	TACT SWITCH	1551	4822 266 30293	CHINCH SOCKET
1417	4822 276 13066	TACT SWITCH	1552	4822 266 30293	CHINCH SOCKET
1418	4822 276 13066	TACT SWITCH	1554	4822 267 31307	CHINCH SOCKET
1419	4822 276 13066	TACT SWITCH	1561	4822 267 20416	CHINCH SOCKET PLATE
1451	4822 130 90953	DISPLAY (FTD)	1880	4822 267 30968	PHONE SOCKET
1461	4822 276 13066	TACT SWITCH	5001	4822 146 30976	TRANSFORMER not /01
1462	4822 276 13066	TACT SWITCH	5001	4822 146 30987	TRANSFORMER only /01
1463	4822 276 13066	TACT SWITCH	5254	4822 280 70368	RELAY 36V
1464	4822 276 13066	TACT SWITCH	5255	4822 280 70368	RELAY 36V
1465	4822 276 13066	TACT SWITCH	5256	4822 280 70368	RELAY 36V

DIODES

4822 130 82489	GL2PR9 (LED red)	4822 130 82079	D3SBA20
4822 130 81643	BB804	4822 130 32213	BYV28-50
5322 130 31684	BB809	4822 130 34233	BZX79-B5V1
4822 130 81673	1SV149(B)	5322 130 31504	BZX79-C20
4822 130 34174	BZX79-C4V7	5322 130 32184	BYV27-50
4822 130 30621	1N4148	4822 130 31024	BZX79-C18
4822 130 61219	BZX79-C10	4822 130 34379	BZX79-C27
4822 130 30842	BAV21	4822 130 31983	BAT85
5322 130 34563	BZX79-C2V7	4822 130 81007	LED LT3P82A
4822 130 80235	BZX79-C3V3	4822 130 30861	BZX79-C7V5
4822 130 34167	BZX79-C6V2	4822 130 81254	IR-EYE
5322 130 30684	1N4002	4822 130 30862	BZX79-C9V1
4822 130 34281	BZX79-C15	4822 130 31253	BZX79-C2V4
4822 130 82078	D5SBA20		

TRANSISTORS

4822 130 60163	2SC1047	4822 130 44503	BC547C
4822 130 60093	2SA838B	4822 130 62269	BDT65C
4822 130 44154	BF199	4822 130 62268	BDT64
4822 130 40937	BC548B	5322 130 61575	BDT64C
5322 130 44779	BC338-40	4822 130 40959	BC547B
5322 130 41982	BC848 (CHIP)	4822 130 42629	BD331
4822 130 41024	BF245B	4822 130 41774	BD826
4822 130 44196	BC548C	4822 130 41715	BC328-40
4822 130 44197	BC558B	4822 130 40824	BD136
4822 130 41691	BC556B	4822 130 60784	BDT61
5322 130 44413	BF457	4822 130 44246	BC549C

INTEGRATED CIRCUITS

4822 209 72744	CXA1240P	4822 209 63727	TMP 47C870 N
4822 209 71321	AN7411	4822 209 62098	ST24C02CP
4822 209 71331	LM7000	4822 209 70157	NJM4560DD
4822 209 83274	NJM4560D	4822 209 72748	LC7821
4822 209 63667	BA6229 MOTOR DRIVER	4822 209 10263	HEF4052BP
4822 209 61522	PC74HCT4094P	5322 209 10576	HEF4053BP
5322 209 11268	PC74HCT164P		

COILS

5001	4822 157 63158	AM OSCILLATOR COIL	5111	4822 157 63163	FM IF COIL only /02
5101	4822 156 30947	RF COIL 1,5 TURNS	5112	4822 242 72976	QUARTZ 2,7MHz
5102	4822 156 30947	RF COIL 1,5 TURNS	5113	4822 157 60147	COIL 2,2uH
5103	4822 156 30947	RF COIL 1,5 TURNS	5114	4822 158 60509	BIRDY FILTER
5104	4822 157 60284	FM OSC COIL not /02	5115	4822 157 60147	COIL 2,2uH
5104	4822 157 63288	FM OSC COIL only /02	5116	4822 157 63032	LW AERIAL COIL
5105	4822 157 63031	AM OSC COIL not /02	5118	4822 152 20699	560uH
5105	4822 157 63158	AM OSC COIL only /02	5252	4822 157 62255	COIL 18,5 TURNS
5106	4822 157 53192	0,22uH	5253	4822 157 62255	COIL 18,5 TURNS
5107	4822 242 72096	CER.FILT.KIT 10,7MHz	5491	4822 242 80206	X-TAL 32,768kHz
5108	4822 157 63029	AM IF COIL	5492	4822 242 73769	CER.RES. 4,194MHz
5109	4822 242 71878	CERAM.RES. 450kHz	5501	4822 157 63209	68mH
5110	4822 157 63033	MW AERIAL not 2Band	5502	4822 157 63209	68mH
5110	4822 157 63159	MW AERIAL only 2Band	5551	4822 157 53123	100uH
5111	4822 157 63028	FM IF COIL not /02			

RESISTORS

3105	4822 050 23901	390R	1%	0,6W	3135	4822 050 22201	220R	2%	0,25W
3106	4822 116 52224	470R	5%	0,5W	3139	4822 050 24702	4k7	1%	0,6W
3107	4822 050 24702	4k7	1%	0,6W	3141	4822 050 21003	10k	2%	0,25W
3111	4822 050 24703	47k	1%	0,6W	3142	4822 050 22201	220R	2%	0,25W
3114	4822 100 11141	10k TRIM POT			3143	4822 050 22203	22k	1%	0,6W
3116	4822 050 22201	220R	2%	0,25W	3145	4822 100 11141	10k TRIM POT		
3120	4822 050 23903	39k	1%	0,6W	3147	4822 050 22201	220R	2%	0,25W
3125	4822 050 24702	4k7	1%	0,6W	3148	4822 050 21003	10k	2%	0,25W
3128	4822 050 24702	4k7	1%	0,6W	3149	4822 050 21002	1k	1%	0,6W
3131	4822 050 23301	330R	2%	0,25W	3150	4822 050 21002	1k	1%	0,6W
3132	4822 050 26801	680R	1%	0,6W	3151	4822 050 21002	1k	1%	0,6W
3134	4822 050 24702	4k7	1%	0,6W	3153	4822 050 21002	1k	1%	0,6W

RESISTORS

3171	4822	050	26801	680R	1%	0,6W	3303	4822	116	52224	470R	5%	0,5W
3173	4822	050	21002	1k	1%	0,6W	3304	4822	113	80525	OR15	10%	3W
3250	4822	050	22202	2k2	1%	0,6W	3305	4822	113	80525	OR15	10%	3W
3251	4822	050	22202	2k2	1%	0,6W	3306	4822	113	80525	OR15	10%	3W
3252	4822	050	24702	4k7	1%	0,6W	3307	4822	113	80525	OR15	10%	3W
3253	4822	050	24702	4k7	1%	0,6W	3308	4822	050	28203	82k	1%	0,6W
3254	4822	050	22202	2k2	1%	0,6W	3309	4822	050	28203	82k	1%	0,6W
3255	4822	050	22202	2k2	1%	0,6W	3310	4822	050	28203	82k	1%	0,6W
3256	4822	050	24702	4k7	1%	0,6W	3311	4822	050	22203	22k	1%	0,6W
3257	4822	050	24702	4k7	1%	0,6W	3312	4822	050	24703	47k	1%	0,6W
3258	4822	050	22203	22k	1%	0,6W	3313	4822	050	22203	22k	1%	0,6W
3259	4822	050	22203	22k	1%	0,6W	3314	4822	050	26803	68k	1%	0,6W
3260	4822	050	22203	22k	1%	0,6W	3315	4822	050	21501	150R	1%	0,6W
3261	4822	050	21003	10k	2%	0,25W	3316	4822	050	24702	4k7	1%	0,6W
3264	4822	050	21002	1k	1%	0,6W	3318	4822	050	21002	1k	1%	0,6W
3265	4822	050	21002	1k	1%	0,6W	3319	4822	050	21002	1k	1%	0,6W
3266	4822	050	21801	180R	1%	0,6W	3328	4822	116	52224	470R	5%	0,5W
3267	4822	050	21801	180R	1%	0,6W	3329	4822	116	52224	470R	5%	0,5W
3268	4822	050	22203	22k	1%	0,6W	3330	4822	050	21003	10k	2%	0,25W
3269	4822	050	22203	22k	1%	0,6W	3331	4822	050	21003	10k	2%	0,25W
3270	4822	053	10122	1k2	5%	1W	3332	4822	050	23302	3k3	1%	0,6W
3271	4822	053	10122	1k2	5%	1W	3333	4822	116	80562	10R	5%	NFR
3272	4822	052	10681	680R	5%	0,33W	3334	4822	050	22702	2k7	1%	0,6W
3273	4822	052	10681	680R	5%	0,33W	3335	4822	052	10229	22R	5%	0,33W
3274	4822	050	22202	2k2	1%	0,6W	3336	4822	050	21002	1k	1%	0,6W
3275	4822	050	22202	2k2	1%	0,6W	3337	4822	053	10109	10R	5%	1W
3276	4822	050	16809	68R	1%	0,4W	3338	4822	053	10109	10R	5%	1W
3277	4822	050	16809	68R	1%	0,4W	3339	4822	052	10108	1R	5%	0,33W
3278	4822	053	12152	1k5	5%	3W	3340	4822	050	22204	220k	1%	0,6W
3279	4822	053	12152	1k5	5%	3W	3341	4822	050	22204	220k	1%	0,6W
3280	4822	053	11152	1k5	5%	2W	3342	4822	116	80562	10R	5%	NFR
3281	4822	053	11152	1k5	5%	2W	3343	4822	116	80335	47R	5%	NFR
3282	4822	050	22202	2k2	1%	0,6W	3344	4822	050	21802	1k8	1%	0,6W
3283	4822	050	22202	2k2	1%	0,6W	3345	4822	050	21202	1k2	1%	0,6W
3284	4822	101	10927	470R	POTMETER		3352	4822	050	21002	1k	1%	0,6W
3285	4822	101	10927	470R	POTMETER		3353	4822	050	21002	1k	1%	0,6W
3286	4822	050	28201	820R	1%	0,6W	3354	4822	116	52224	470R	5%	0,5W
3287	4822	050	28201	820R	1%	0,6W	3355	4822	116	52224	470R	5%	0,5W
3288	4822	053	10302	3k	5%	1W	3358	4822	116	80311	4,7R	5%	NFR
3289	4822	053	10302	3k	5%	1W	3359	4822	116	80311	4,7R	5%	NFR
3290	4822	053	11222	2k2	5%	2W	3364	4822	050	22204	220k	1%	0,6W
3291	4822	053	11222	2k2	5%	2W	3365	4822	050	22204	220k	1%	0,6W
3294	4822	050	21801	180R	1%	0,6W	3368	4822	116	80562	10R	5%	NFR
3295	4822	050	21801	180R	1%	0,6W	3369	4822	116	80562	10R	5%	NFR
3296	4822	050	22201	220R	2%	0,25W	3370	4822	050	22203	22k	1%	0,6W
3297	4822	050	22201	220R	2%	0,25W	3371	4822	050	22203	22k	1%	0,6W
3298	4822	116	52224	470R	5%	0,5W	3372	4822	050	21003	10k	2%	0,25W
3299	4822	116	52224	470R	5%	0,5W	3373	4822	050	21003	10k	2%	0,25W
3300	4822	050	21003	10k	2%	0,25W	3374	4822	050	21003	10k	2%	0,25W
3301	4822	050	21003	10k	2%	0,25W	3377	4822	050	22203	22k	1%	0,6W
3302	4822	116	52224	470R	5%	0,5W	3378	4822	050	22203	22k	1%	0,6W

RESISTORS

3379	4822	050	22203	22k	1%	0,6W	3463	4822	050	24702	4k7	1%	0,6W
3380	4822	116	80562	10R	5%	NFR	3464	4822	050	24702	4k7	1%	0,6W
3381	4822	116	80562	10R	5%	NFR	3465	4822	050	24702	4k7	1%	0,6W
3384	4822	050	21003	10k	2%	0,25W	3466	4822	050	24702	4k7	1%	0,6W
3386	4822	116	52263	2k7	5%	0,5W	3467	4822	050	21003	10k	2%	0,25W
3401	4822	116	82366	2R2	5%		3468	4822	050	22704	270k	1%	0,6W
3402	4822	053	10159	15R	5%	1W	3471	4822	050	21002	1k	1%	0,6W
3403	4822	050	22202	2k2	1%	0,6W	3472	4822	050	21002	1k	1%	0,6W
3410	4822	116	80311	4,7R	5%	NFR	3473	4822	050	21002	1k	1%	0,6W
3412	4822	116	80311	4,7R	5%	NFR	3474	4822	050	21002	1k	1%	0,6W
3413	4822	050	22201	220R	2%	0,25W	3475	4822	050	21002	1k	1%	0,6W
3414	4822	050	22201	220R	2%	0,25W	3476	4822	050	21002	1k	1%	0,6W
3415	4822	050	22201	220R	2%	0,25W	3477	4822	050	21002	1k	1%	0,6W
3416	4822	050	22201	220R	2%	0,25W	3478	4822	050	21002	1k	1%	0,6W
3417	4822	050	22201	220R	2%	0,25W	3479	4822	116	52234	100k	5%	0,5W
3418	4822	050	21002	1k	1%	0,6W	3481	4822	050	24702	4k7	1%	0,6W
3419	4822	050	21002	1k	1%	0,6W	3482	4822	050	24702	4k7	1%	0,6W
3420	4822	050	21002	1k	1%	0,6W	3483	4822	050	24702	4k7	1%	0,6W
3421	4822	050	21002	1k	1%	0,6W	3484	4822	050	24702	4k7	1%	0,6W
3424	4822	116	80562	10R	5%	NFR	3485	4822	050	21002	1k	1%	0,6W
3425	4822	050	22202	2k2	1%	0,6W	3486	4822	050	21002	1k	1%	0,6W
3426	4822	050	22201	220R	2%	0,25W	3487	4822	050	24702	4k7	1%	0,6W
3427	4822	050	21003	10k	2%	0,25W	3488	4822	050	24702	4k7	1%	0,6W
3428	4822	116	52234	100k	5%	0,5W	3489	4822	050	24702	4k7	1%	0,6W
3429	4822	050	25603	56k	1%	0,6W	3490	4822	050	24702	4k7	1%	0,6W
3430	4822	050	24702	4k7	1%	0,6W	3491	4822	050	21002	1k	1%	0,6W
3431	4822	050	22202	2k2	1%	0,6W	3492	4822	050	21002	1k	1%	0,6W
3432	4822	050	21003	10k	2%	0,25W	3493	4822	050	21002	1k	1%	0,6W
3434	4822	116	80311	4,7R	5%	NFR	3494	4822	050	21002	1k	1%	0,6W
3435	4822	116	80311	4,7R	5%	NFR	3496	4822	113	80571	470R		
3436	4822	050	24702	4k7	1%	0,6W	3497	4822	050	28209	82R	1%	0,6W
3437	4822	050	24703	47k	1%	0,6W	3498	4822	113	80571	470R		
3440	4822	050	24703	47k	1%	0,6W	3499	4822	050	28209	82R	1%	0,6W
3441	4822	050	24703	47k	1%	0,6W	3503	4822	050	21203	12k	1%	0,6W
3442	4822	050	24702	4k7	1%	0,6W	3504	4822	050	21203	12k	1%	0,6W
3443	4822	050	24703	47k	1%	0,6W	3505	4822	050	21203	12k	1%	0,6W
3444	4822	050	21803	18k	1%	0,6W	3506	4822	050	21203	12k	1%	0,6W
3445	4822	050	21003	10k	2%	0,25W	3507	4822	116	52244	15k	5%	0,5W
3446	4822	050	21003	10k	2%	0,25W	3508	4822	116	52244	15k	5%	0,5W
3447	4822	050	23301	330R	2%	0,25W	3511	4822	102	10422	POTMETER	2x	50k
3451	4822	050	24703	47k	1%	0,6W	3512	4822	102	10422	POTMETER	2x	50k
3452	4822	050	24703	47k	1%	0,6W	3515	4822	050	25604	560k	1%	0,6W
3453	4822	050	24702	4k7	1%	0,6W	3516	4822	050	25604	560k	1%	0,6W
3454	4822	050	24703	47k	1%	0,6W	3517	4822	116	52224	470R	5%	0,5W
3455	4822	050	21803	18k	1%	0,6W	3518	4822	116	52224	470R	5%	0,5W
3456	4822	050	21003	10k	2%	0,25W	3523	4822	116	80335	47R	5%	NFR
3457	4822	050	21003	10k	2%	0,25W	3524	4822	116	80335	47R	5%	NFR
3458	4822	050	21003	10k	2%	0,25W	3525	4822	102	10413	POTMETER	2x	10k
3459	4822	050	21003	10k	2%	0,25W	3526	4822	102	10414	POTM.	2x20kB	
3461	4822	050	24702	4k7	1%	0,6W	3527	4822	050	21502	1k5	1%	0,6W
3462	4822	050	24702	4k7	1%	0,6W	3528	4822	050	21502	1k5	1%	0,6W

RESISTORS

3529	4822	050	24702	4k7	1%	0,6W	3593	4822	116	52234	100k	5%	0,5W
3530	4822	050	24702	4k7	1%	0,6W	3594	4822	116	52234	100k	5%	0,5W
3531	4822	050	21002	1k	1%	0,6W	3595	4822	050	26803	68k	1%	0,6W
3532	4822	050	21002	1k	1%	0,6W	3596	4822	050	26803	68k	1%	0,6W
3533	4822	116	52234	100k	5%	0,5W	3599	4822	116	52234	100k	5%	0,5W
3534	4822	050	21002	1k	1%	0,6W	3600	4822	116	52234	100k	5%	0,5W
3535	4822	050	28201	820R	1%	0,6W	3601	4822	116	80335	47R	5%	NFR
3536	4822	050	21002	1k	1%	0,6W	3602	4822	116	80335	47R	5%	NFR
3537	4822	050	28201	820R	1%	0,6W	3603	4822	050	24702	4k7	1%	0,6W
3541	4822	050	24702	4k7	1%	0,6W	3604	4822	050	24702	4k7	1%	0,6W
3542	4822	050	24702	4k7	1%	0,6W	3605	4822	116	52234	100k	5%	0,5W
3543	4822	050	24702	4k7	1%	0,6W	3606	4822	116	52234	100k	5%	0,5W
3544	4822	050	24702	4k7	1%	0,6W	3607	4822	050	21003	10k	2%	0,25W
3551	4822	050	23901	390R	1%	0,6W	3608	4822	050	21003	10k	2%	0,25W
3552	4822	050	23901	390R	1%	0,6W	3609	4822	116	52224	470R	5%	0,5W
3553	4822	116	52272	330k	5%	0,5W	3610	4822	116	52224	470R	5%	0,5W
3554	4822	116	52272	330k	5%	0,5W	3611	4822	116	80335	47R	5%	NFR
3555	4822	050	25603	56k	1%	0,6W	3612	4822	116	80335	47R	5%	NFR
3556	4822	050	25603	56k	1%	0,6W	3613	4822	050	21002	1k	1%	0,6W
3557	4822	050	23901	390R	1%	0,6W	3614	4822	050	21002	1k	1%	0,6W
3558	4822	050	23901	390R	1%	0,6W	3615	4822	116	52224	470R	5%	0,5W
3563	4822	116	52272	330k	5%	0,5W	3616	4822	116	52224	470R	5%	0,5W
3564	4822	116	52272	330k	5%	0,5W	3617	4822	116	52217	270R	5%	0,5W
3565	4822	116	52264	27k	5%	0,5W	3618	4822	116	52217	270R	5%	0,5W
3566	4822	116	52264	27k	5%	0,5W	3619	4822	050	23302	3k3	1%	0,6W
3567	4822	116	52303	8k2	5%	0,5W	3620	4822	050	28209	82R	1%	0,6W
3568	4822	116	52303	8k2	5%	0,5W	3621	4822	116	52234	100k	5%	0,5W
3569	4822	116	52244	15k	5%	0,5W	3622	4822	116	52234	100k	5%	0,5W
3570	4822	116	52244	15k	5%	0,5W	3623	4822	050	21003	10k	2%	0,25W
3571	4822	116	80335	47R	5%	NFR	3624	4822	116	52234	100k	5%	0,5W
3572	4822	116	80335	47R	5%	NFR	3823	4822	050	21005	1M	1%	0,6W
3573	4822	116	52264	27k	5%	0,5W	3824	4822	050	21005	1M	1%	0,6W
3574	4822	116	52264	27k	5%	0,5W	3827	4822	050	21005	1M	1%	0,6W
3575	4822	050	21304	130k	1%	0,6W	3828	4822	050	21005	1M	1%	0,6W
3576	4822	050	21304	130k	1%	0,6W	3831	4822	050	26801	680R	1%	0,6W
3577	4822	050	23603	36k	1%	0,6W	3832	4822	050	26801	680R	1%	0,6W
3578	4822	050	23603	36k	1%	0,6W	3833	4822	116	52234	100k	5%	0,5W
3579	4822	050	22203	22k	1%	0,6W	3834	4822	116	52234	100k	5%	0,5W
3580	4822	050	22203	22k	1%	0,6W	3835	4822	050	24702	4k7	1%	0,6W
3581	4822	050	26803	68k	1%	0,6W	3836	4822	050	24702	4k7	1%	0,6W
3582	4822	050	26803	68k	1%	0,6W	3837	4822	050	23902	3k9	1%	0,6W
3583	4822	050	22203	22k	1%	0,6W	3838	4822	050	23902	3k9	1%	0,6W
3584	4822	050	22203	22k	1%	0,6W	3841	4822	050	26801	680R	1%	0,6W
3585	4822	050	21803	18k	1%	0,6W	3842	4822	050	26801	680R	1%	0,6W
3586	4822	050	21803	18k	1%	0,6W	3843	4822	116	52234	100k	5%	0,5W
3587	4822	050	26801	680R	1%	0,6W	3844	4822	116	52234	100k	5%	0,5W
3588	4822	050	26801	680R	1%	0,6W	3845	4822	050	22202	2k2	1%	0,6W
3589	4822	116	52234	100k	5%	0,5W	3846	4822	050	24702	4k7	1%	0,6W
3590	4822	116	52234	100k	5%	0,5W	3847	4822	050	22202	2k2	1%	0,6W
3591	4822	050	22203	22k	1%	0,6W	3848	4822	050	24702	4k7	1%	0,6W
3592	4822	050	22203	22k	1%	0,6W	3849	4822	050	22202	2k2	1%	0,6W

RESISTORS

3850	4822	050	24702	4k7	1%	0,6W	3882	4822	050	21502	1k5	1%	0,6W
3851	4822	116	52234	100k	5%	0,5W	3883	4822	100	20841	10K		
3852	4822	116	52234	100k	5%	0,5W	3884	4822	050	26803	68k	1%	0,6W
3853	4822	050	21002	1k	1%	0,6W	3885	4822	050	25603	56k	1%	0,6W
3854	4822	050	21002	1k	1%	0,6W	3886	4822	050	21002	1k	1%	0,6W
3855	4822	050	21006	10M	1%	0,6W	3887	4822	050	28204	820k	1%	0,6W
3856	4822	050	24703	47k	1%	0,6W	3888	4822	116	52234	100k	5%	0,5W
3880	4822	050	23301	330R	2%	0,25W	3889	4822	050	14709	47R	1%	0,4W
3881	4822	050	24702	4k7	1%	0,6W							

CHIP RESISTORS

3101	4822	051	20473	47k	5%	0,1W	3163	4822	051	20562	5k6	5%	0,1W
3102	4822	051	20333	33k	5%	0,1W	3164	4822	051	20008	CHIP JUMPER		
3103	4822	051	10472	4k7	2%	0,25W	3165	4822	051	20473	47k	5%	0,1W
3104	4822	051	10102	1k	2%	0,25W	3170	4822	051	10008	JUMPER		
3108	4822	051	10122	1k2	2%	0,25W	3172	4822	051	20223	22k	5%	0,1W
3109	4822	051	10101	100R	2%	0,25W	3174	4822	051	10102	1k	2%	0,25W
3110	4822	051	10101	100R	2%	0,25W	3175	4822	051	10331	330R	2%	0,25W
3112	4822	051	20562	5k6	5%	0,1W	3176	4822	051	20271	270R	5%	0,1W
3112	4822	051	20008	CHIP JUMPER			3177	4822	051	10151	150R	2%	0,25W
3113	4822	051	20689	68R	5%	0,1W	3178	4822	051	20223	22k	5%	0,1W
3115	4822	051	10479	47R			3179	4822	051	10472	4k7	2%	0,25W
3117	4822	051	10103	10k	2%	0,25W	3292	4822	051	10101	100R	2%	0,25W
3118	4822	051	20271	270R	5%	0,1W	3293	4822	051	10101	100R	2%	0,25W
3119	4822	051	20273	27k	5%	0,1W	3356	4822	051	10101	100R	2%	0,25W
3121	4822	051	20104	100k	5%	0,1W	3357	4822	051	10101	100R	2%	0,25W
3122	4822	051	10272	2k7	2%	0,25W	3385	4822	051	10101	100R	2%	0,25W
3124	4822	051	10008	JUMPER			3513	4822	051	10561	560R	2%	0,25W
3126	4822	051	10472	4k7	2%	0,25W	3514	4822	051	10561	560R	2%	0,25W
3127	4822	051	20472	4k7	5%	0,1W	3521	4822	051	10101	100R	2%	0,25W
3129	4822	051	20104	100k	5%	0,1W	3522	4822	051	10101	100R	2%	0,25W
3130	4822	051	20104	100k	5%	0,1W	3559	4822	051	10101	100R	2%	0,25W
3133	4822	051	20223	22k	5%	0,1W	3560	4822	051	10101	100R	2%	0,25W
3136	4822	051	10153	15k	2%	0,25W	3561	4822	051	10561	560R	2%	0,25W
3137	4822	051	20562	5k6	5%	0,1W	3562	4822	051	10561	560R	2%	0,25W
3138	4822	051	20472	4k7	5%	0,1W	3597	4822	051	10561	560R	2%	0,25W
3140	4822	051	10102	1k	2%	0,25W	3598	4822	051	10561	560R	2%	0,25W
3144	4822	051	20183	18k	5%	0,1W	3821	4822	051	10182	1k8	2%	0,25W
3146	4822	051	10821	820R	2%	0,25W	3822	4822	051	10182	1k8	2%	0,25W
3155	4822	051	20332	3k3	5%	0,1W	3825	4822	051	10182	1k8	2%	0,25W
3156	4822	051	10103	10k	2%	0,25W	3826	4822	051	10182	1k8	2%	0,25W
3157	4822	051	10008	JUMPER			3829	4822	051	10182	1k8	2%	0,25W
3158	4822	051	20104	100k	5%	0,1W	3830	4822	051	10182	1k8	2%	0,25W
3160	4822	051	10008	JUMPER			3839	4822	051	10182	1k8	2%	0,25W
3161	4822	051	20473	47k	5%	0,1W	3840	4822	051	10182	1k8	2%	0,25W
3162	4822	051	20479	47R	5%	0,1W							

CAPACITORS

2100	4822	122	31555	120pF	5%	50V	2111	4822	125	60102	30pF VAR	not /02
2101	4822	122	10179	33pF	5%	50V	2111	4822	125	50355	4,2-20pF	only /02
2103	4822	125	50355	4,2-20pF	VARIABLE		2115	5322	122	32481	15pF	5% 50V
2109	4822	125	50355	4,2-20pF	VARIABLE		2116	5322	122	32481	15pF	5% 50V

CAPACITORS

2119	4822	124	41554	220uF	20%	10V	2264	4822	126	11307	180pF	10%	500V
2121	4822	122	31435	470pF	10%	50V	2265	4822	126	11307	180pF	10%	500V
2122	4822	122	31385	22pF	5%	50V	2266	4822	122	31693	560pF	10%	50V
2123	4822	122	31555	120pF	5%	50V	2267	4822	122	31693	560pF	10%	50V
2130	4822	124	40178	100uF	20%	10V	2268	4822	122	10173	820pF	10%	50V
2131	4822	124	40244	2, 2uF	20%	63V	2269	4822	122	10173	820pF	10%	50V
2134	5322	121	50999	470pF	not 2 Band		2270	4822	124	42151	100uF	20%	50V
2134	4822	121	51381	560pF	only 2 Band		2271	4822	124	42151	100uF	20%	50V
2135	4822	121	43253	360pF	1%	400V	2272	4822	122	31435	470pF	10%	50V
2136	4822	125	60101	10pF	VARIABLE		2273	4822	122	31435	470pF	10%	50V
2137	4822	122	10436	6, 8pF	10%	50V	2274	4822	126	11308	47pF	5%	500V
2139	4822	122	10166	22nF	30%	16V	2275	4822	126	11308	47pF	5%	500V
2141	4822	122	31385	22pF	5%	50V	2276	4822	124	40178	100uF	20%	10V
2144	4822	124	41554	220uF	20%	10V	2277	4822	124	40178	100uF	20%	10V
2146	4822	122	32096	4, 7pF	10%	50V	2278	4822	124	41596	22uF	20%	50V
2150	4822	121	42408	220nF	5%	63V	2279	4822	124	41596	22uF	20%	50V
2151	4822	125	60101	10pF VAR	not 2 Band		2280	4822	122	10183	100pF	5%	50V
2151	4822	125	60102	30pF VAR	only 2 Band		2281	4822	122	10183	100pF	5%	50V
2152	4822	121	43861	56pF	1%	63V	2284	5322	121	42491	47nF	5%	100V
2154	4822	121	42408	220nF	5%	63V	2285	5322	121	42491	47nF	5%	100V
2155	4822	124	41631	1, 5uF	20%	50V	2286	4822	126	11311	4, 7nF		50V
2158	4822	124	40196	220uF	20%	16V	2287	4822	126	11311	4, 7nF		50V
2161	4822	124	40246	4, 7uF	20%	63V	2288	4822	126	11311	4, 7nF		50V
2163	4822	122	10173	820pF	10%	50V	2289	4822	126	11311	4, 7nF		50V
2165	4822	124	40242	1uF	20%	63V	2292	4822	124	40242	1uF	20%	63V
2167	4822	124	41643	100uF	20%	16V	2293	4822	124	40248	10uF	20%	63V
2168	5322	121	50999	470pF	1%	400V	2296	4822	124	40749	3, 3uF	20%	63V
2170	4822	124	40239	0, 47uF	20%	63V	2303	4822	121	43875	47nF	5%	250V
2172	4822	124	42129	0, 22uF	20%	63V	2305	4822	124	41998	2200uF	20%	50V
2173	4822	124	40246	4, 7uF	20%	63V	2306	4822	124	41998	2200uF	20%	50V
2176	4822	124	40242	1uF	20%	63V	2307	4822	121	43875	47nF	5%	250V
2177	4822	124	40242	1uF	20%	63V	2309	4822	121	43875	47nF	5%	250V
2180	5322	122	32965	18pF	5%	50V	2310	4822	121	42007	100nF	10%	100V
2181	5322	122	32481	15pF	5%	50V	2311	4822	121	42007	100nF	10%	100V
2182	4822	124	40242	1uF	20%	63V	2312	4822	121	42007	100nF	10%	100V
2198	5322	122	32481	15pF	5%	50V	2313	5322	121	42491	47nF	5%	100V
2204	4822	122	32596	TRIM CAP	5, 2pF-30pF		2314	5322	121	42491	47nF	5%	100V
2205	4822	125	60102	30pF	VARIABLE		2315	5322	121	42491	47nF	5%	100V
2209	5322	122	32481	15pF	5%	50V	2316	4822	124	42157	680uF	20%	50V
2250	4822	124	40242	1uF	20%	63V	2317	5322	124	21189	100uF	20%	40V
2251	4822	124	40242	1uF	20%	63V	2318	4822	124	41643	100uF	20%	16V
2254	4822	122	10172	220pF	10%	50V	2319	4822	122	10158	1nF	10%	50V
2255	4822	122	10172	220pF	10%	50V	2320	4822	124	41994	3300uF	20%	16V
2256	4822	122	31435	470pF	10%	50V	2321	4822	122	10166	22nF	30%	16V
2257	4822	122	31435	470pF	10%	50V	2322	4822	124	40433	47uF	20%	25V
2258	4822	124	41554	220uF	20%	10V	2323	4822	124	40242	1uF	20%	63V
2259	4822	124	41554	220uF	20%	10V	2324	4822	124	40242	1uF	20%	63V
2260	4822	124	41643	100uF	20%	16V	2326	4822	124	42154	4800uF	20%	80V
2261	4822	124	41643	100uF	20%	16V	2327	4822	124	42154	4800uF	20%	80V
2262	4822	122	10183	100pF	5%	50V	2328	4822	122	10158	1nF	10%	50V
2263	4822	122	10183	100pF	5%	50V	2329	4822	122	10158	1nF	10%	50V

CAPACITORS

2330	4822	124	42125	1000uF	20%	50V	2552	4822	122	10183	100pF	5%	50V
2331	4822	124	40433	47uF	20%	25V	2553	4822	122	10183	100pF	5%	50V
2333	4822	122	10158	1nF	10%	50V	2554	4822	122	10183	100pF	5%	50V
2401	4822	124	41678	22uF	20%	25V	2555	4822	122	10158	1nF	10%	50V
2402	4822	122	10177	10nF	20%	25V	2556	4822	122	10158	1nF	10%	50V
2410	4822	122	10166	22nF	30%	16V	2557	4822	124	40242	1uF	20%	63V
2412	4822	122	10166	22nF	30%	16V	2558	4822	124	40242	1uF	20%	63V
2413	4822	122	31435	470pF	10%	50V	2559	4822	124	40248	10uF	20%	63V
2414	4822	122	31435	470pF	10%	50V	2560	4822	124	40248	10uF	20%	63V
2424	4822	124	21694	1000uF	20%	10V	2561	4822	124	40248	10uF	20%	63V
2425	4822	124	40248	10uF	20%	63V	2562	4822	124	40248	10uF	20%	63V
2426	4822	121	42408	220nF	5%	63V	2563	4822	122	10177	10nF	20%	25V
2427	4822	122	10177	10nF	20%	25V	2564	4822	122	10177	10nF	20%	25V
2428	4822	122	10166	22nF	30%	16V	2565	4822	126	11309	2,7nF	10%	50V
2429	4822	124	40244	2,2uF	20%	63V	2566	4822	126	11309	2,7nF	10%	50V
2430	4822	122	10166	22nF	30%	16V	2567	4822	122	10166	22nF	30%	16V
2431	4822	121	51252	470nF	5%	63V	2568	4822	122	10166	22nF	30%	16V
2434	4822	121	51252	470nF	5%	63V	2569	4822	124	41506	47uF	20%	16V
2435	4822	121	51252	470nF	5%	63V	2570	4822	124	41506	47uF	20%	16V
2441	4822	122	10166	22nF	30%	16V	2571	4822	124	41506	47uF	20%	16V
2451	4822	122	90099	CAP NETWORK	8x100pF		2572	4822	124	41506	47uF	20%	16V
2452	4822	122	10183	100pF	5%	50V	2573	4822	122	10166	22nF	30%	16V
2456	4822	122	31435	470pF	10%	50V	2574	4822	122	10166	22nF	30%	16V
2457	4822	122	31435	470pF	10%	50V	2575	4822	124	40248	10uF	20%	63V
2458	4822	122	31435	470pF	10%	50V	2576	4822	124	40248	10uF	20%	63V
2459	4822	122	31435	470pF	10%	50V	2577	4822	124	40248	10uF	20%	63V
2461	4822	122	10166	22nF	30%	16V	2578	4822	124	40248	10uF	20%	63V
2462	4822	122	31435	470pF	10%	50V	2579	4822	122	10215	27pF	5%	50V
2481	4822	122	10166	22nF	30%	16V	2580	4822	122	10215	27pF	5%	50V
2491	4822	122	31385	22pF	5%	50V	2581	4822	122	10158	1nF	10%	50V
2492	4822	122	31385	22pF	5%	50V	2582	4822	122	10158	1nF	10%	50V
2501	4822	121	43187	27nF	10%	63V	2583	4822	122	10166	22nF	30%	16V
2502	4822	121	43187	27nF	10%	63V	2584	4822	122	10166	22nF	30%	16V
2503	4822	122	10185	1,2nF	10%	50V	2585	4822	124	41506	47uF	20%	16V
2504	4822	122	10185	1,2nF	10%	50V	2586	4822	124	41506	47uF	20%	16V
2505	4822	124	40242	1uF	20%	63V	2587	4822	126	10003	33nF	30%	50V
2506	4822	124	40242	1uF	20%	63V	2589	4822	124	40242	1uF	20%	63V
2507	4822	124	40248	10uF	20%	63V	2590	4822	124	40242	1uF	20%	63V
2508	4822	124	40248	10uF	20%	63V	2591	4822	124	40248	10uF	20%	63V
2509	4822	126	11183	1nF	20%	50V	2592	4822	124	40248	10uF	20%	63V
2510	4822	126	11183	1nF	20%	50V	2593	4822	124	41506	47uF	20%	16V
2511	4822	122	33997	56pF	5%		2594	4822	124	41506	47uF	20%	16V
2512	4822	122	33997	56pF	5%		2595	4822	122	10166	22nF	30%	16V
2515	4822	122	10166	22nF	30%	16V	2596	4822	122	10166	22nF	30%	16V
2516	4822	122	10166	22nF	30%	16V	2597	4822	122	10158	1nF	10%	50V
2517	4822	124	41506	47uF	20%	16V	2598	4822	122	10158	1nF	10%	50V
2518	4822	124	41506	47uF	20%	16V	2599	4822	122	10183	100pF	5%	50V
2519	4822	121	51356	180nF	10%	63V	2600	4822	122	10183	100pF	5%	50V
2520	4822	121	51356	180nF	10%	63V	2601	4822	122	10166	22nF	30%	16V
2521	4822	124	22794	47uF	20%	10V	2602	4822	122	10166	22nF	30%	16V
2551	4822	122	10183	100pF	5%	50V	2603	4822	122	10166	22nF	30%	16V

CAPACITORS													
2604	4822	122	10166	22nF	30%	16V	2616	4822	122	10158	1nF	10%	50V
2605	4822	122	10176	4,7nF	10%	50V	2880	4822	124	22263	220uF	20%	25V
2606	4822	122	10176	4,7nF	10%	50V	2881	4822	124	22794	47uF	20%	10V
2607	4822	124	40242	1uF	20%	63V	2882	4822	122	31435	470pF	10%	50V
2608	4822	124	22794	47uF	20%	10V	2883	4822	124	40248	10uF	20%	63V
2610	4822	124	41506	47uF	20%	16V	2884	4822	122	10166	22nF	30%	16V
2611	4822	122	31435	470pF	10%	50V	2885	4822	124	40242	1uF	20%	63V
2612	4822	122	31435	470pF	10%	50V	2886	4822	126	11311	4,7nF		50V
2613	4822	122	10176	4,7nF	10%	50V	2887	4822	122	10183	100pF	5%	50V
2614	4822	126	11183	1nF	20%	50V	2888	4822	122	10183	100pF	5%	50V
2615	4822	126	11183	1nF	20%	50V							
CHIP CAPACITORS													
2102	5322	122	32448	10pF	5%	50V	2148	4822	122	31727	470pF	5%	63V
2104	5322	122	32658	22pF	5%	50V	2149	5322	122	33537	1,2pF	5%	63V
2105	5322	122	32531	100pF	5%	50V	2153	5322	122	32654	22nF	10%	63V
2106	4822	122	31727	470pF	5%	63V	2156	4822	122	33339	4,7nF	10%	50V
2107	4822	122	31727	470pF	5%	63V	2157	4822	122	33339	4,7nF	10%	50V
2108	4822	122	31727	470pF	5%	63V	2159	5322	122	32654	22nF	10%	63V
2110	4822	122	32765	820pF	10%	63V	2160	4822	122	31727	470pF	5%	63V
2112	4822	122	31727	470pF	5%	63V	2162	4822	122	31727	470pF	not	/02
2113	4822	122	31727	470pF	5%	63V	2162	4822	122	32142	270pF	only	/02
2114	4822	122	32765	820pF	10%	63V	2164	5322	122	34099	470pF	not	/02
2115	5322	122	32448	10pF	5%	50V	2164	4822	122	33173	560pF	only	/02
2116	5322	122	32658	22pF	5%	50V	2166	5322	122	32654	22nF	10%	63V
2117	5322	122	32661	56pF	not	/02	2169	5322	122	32654	22nF	10%	63V
2117	4822	122	32139	12pF	only	/02	2171	4822	122	31727	470pF	5%	63V
2118	4822	122	32507	6,8pF	not	/02	2174	4822	122	33543	15nF	10%	
2118	4822	122	31971	10pF	only	/02	2175	4822	122	33543	15nF	10%	
2120	5322	122	32654	22nF	10%	63V	2178	4822	122	33173	560pF	10%	63V
2124	4822	122	31727	470pF	5%	63V	2179	5322	122	32654	22nF	10%	63V
2125	5322	122	32966	39pF	not	/02	2183	4822	122	32927	220nF	10%	63V
2125	5322	122	33538	150pF	only	/02	2184	4822	122	31727	470pF	5%	63V
2126	5322	122	32966	39pF	not	/02	2185	4822	122	32765	820pF	10%	63V
2126	5322	122	33538	150pF	only	/02	2186	4822	122	31727	470pF	5%	63V
2127	5322	122	32654	22nF	10%	63V	2187	4822	122	31727	470pF	5%	63V
2128	5322	122	32661	56pF	5%	50V	2188	4822	122	31727	470pF	5%	63V
2129	5322	122	32654	22nF	10%	63V	2192	4822	122	32927	220nF	10%	63V
2132	5322	122	34123	1nF	10%	50V	2193	4822	122	32765	820pF	10%	63V
2133	4822	122	31825	27pF	10%	50V	2195	4822	122	32927	220nF	10%	63V
2138	4822	122	32482	22pF	5%	63V	2196	5322	122	32268	470pF	10%	50V
2140	4822	122	32927	220nF	10%	63V	2197	4822	122	32765	820pF	10%	63V
2142	5322	122	32452	47pF	5%	50V	2199	5322	122	33538	150pF	5%	63V
2143	5322	122	32452	47pF	5%	50V	2200	5322	122	31647	1nF	10%	63V
2145	4822	122	32765	820pF	10%	63V	2201	4822	122	32927	220nF	10%	63V
2147	5322	122	32268	470pF	10%	50V	2210	5322	122	32268	470pF	10%	50V
2148	5322	122	32268	470pF	10%	50V							