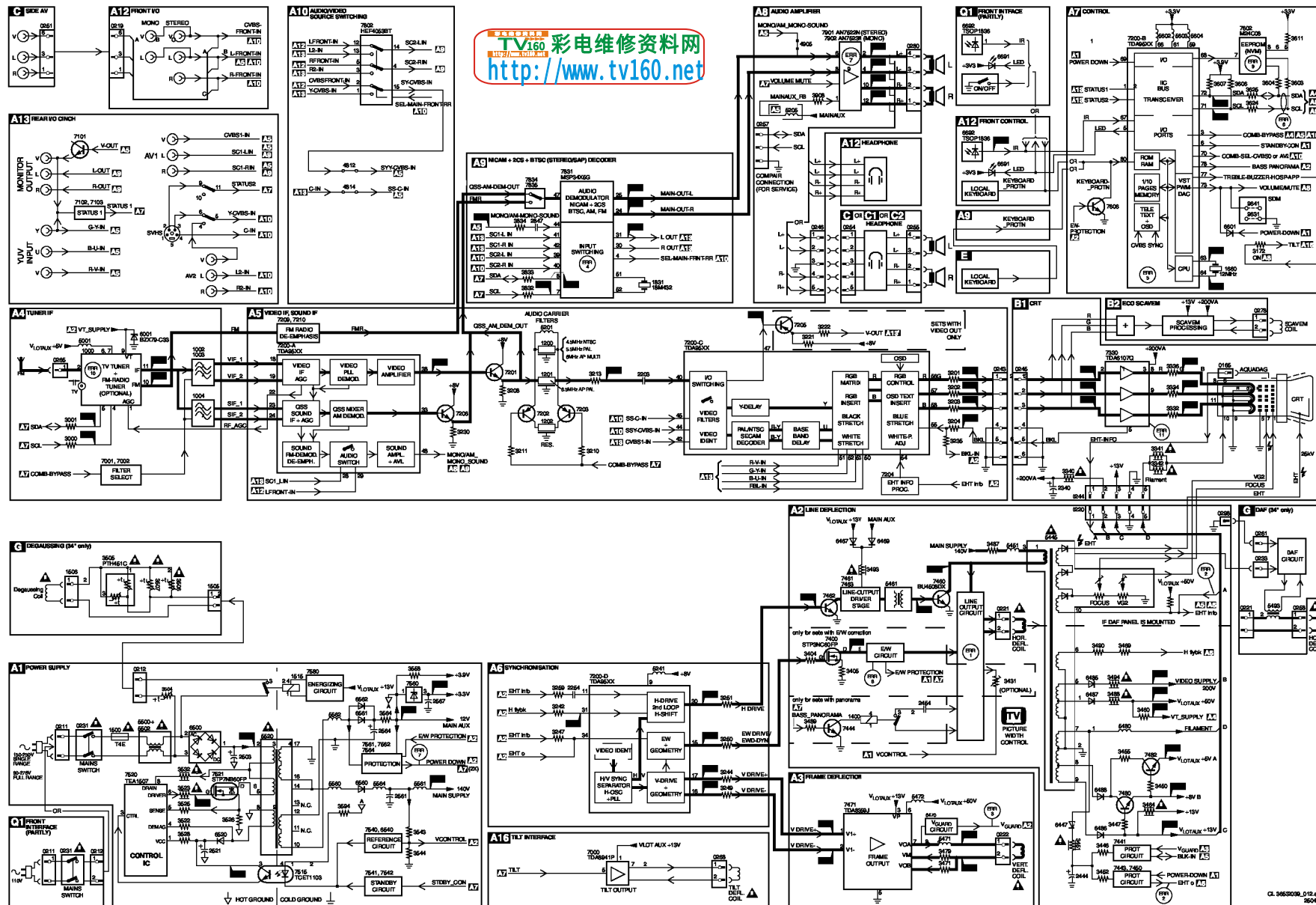
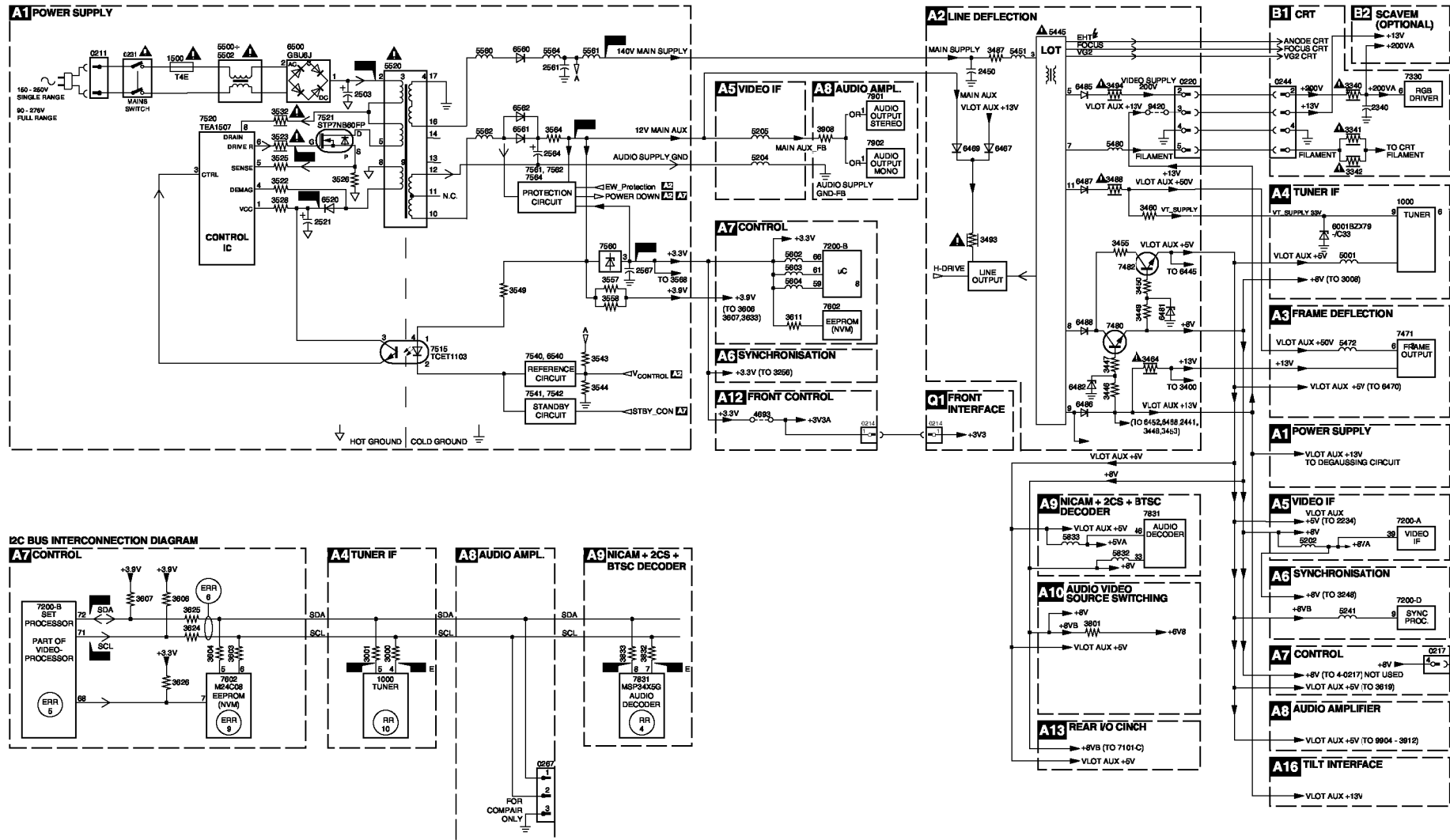


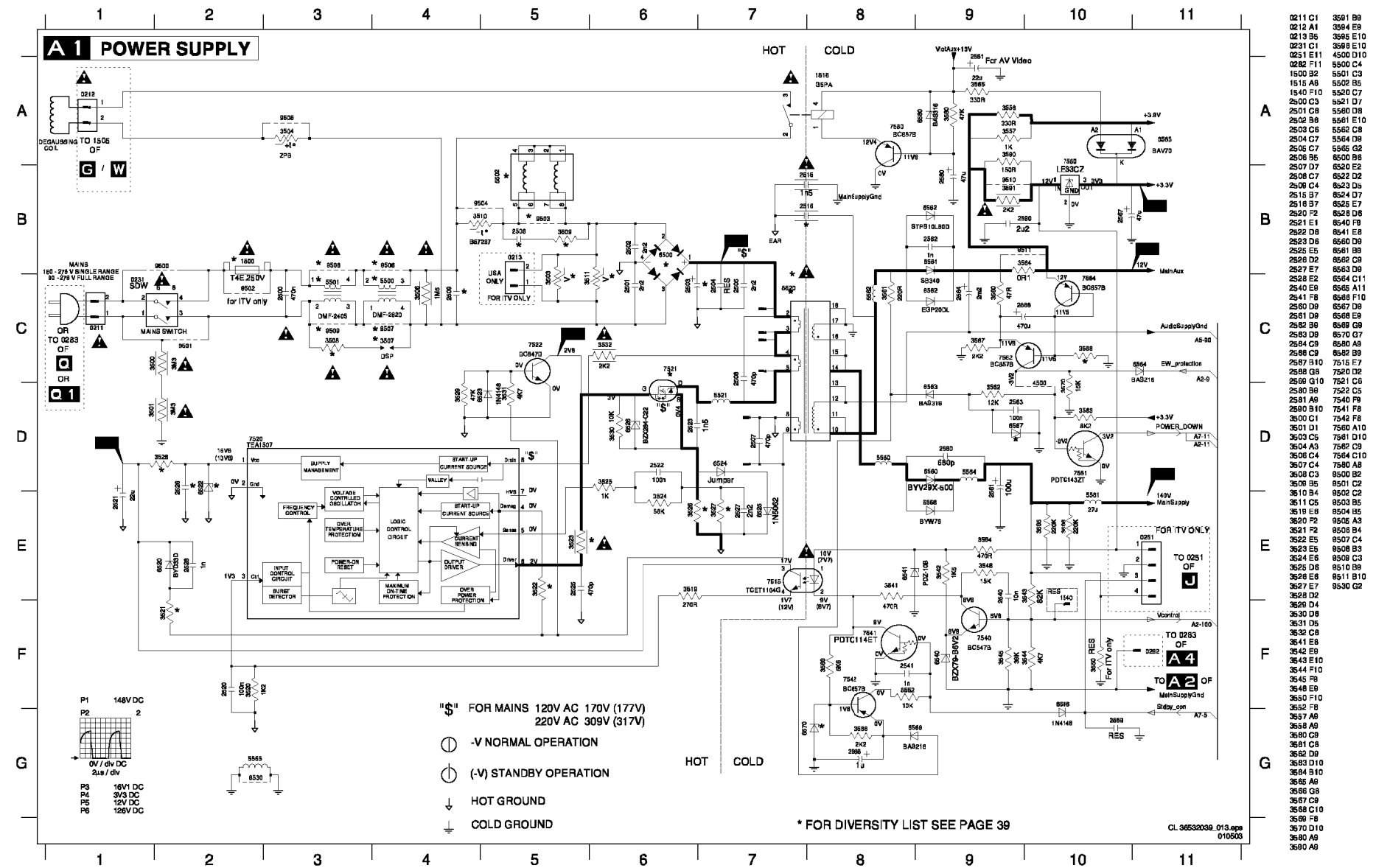
6. Block Diagram, Supply Voltage, and Testpoint Overview

Block Diagram

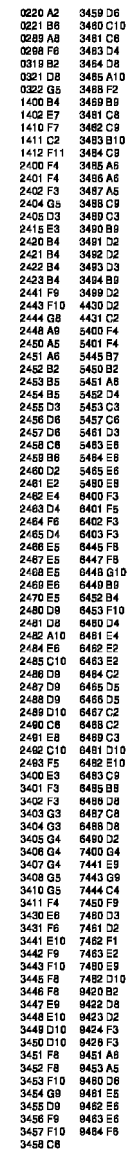


I²C and Supply Voltage Overview

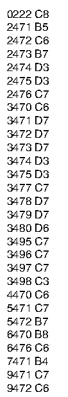
Mono Carrier: Power Supply



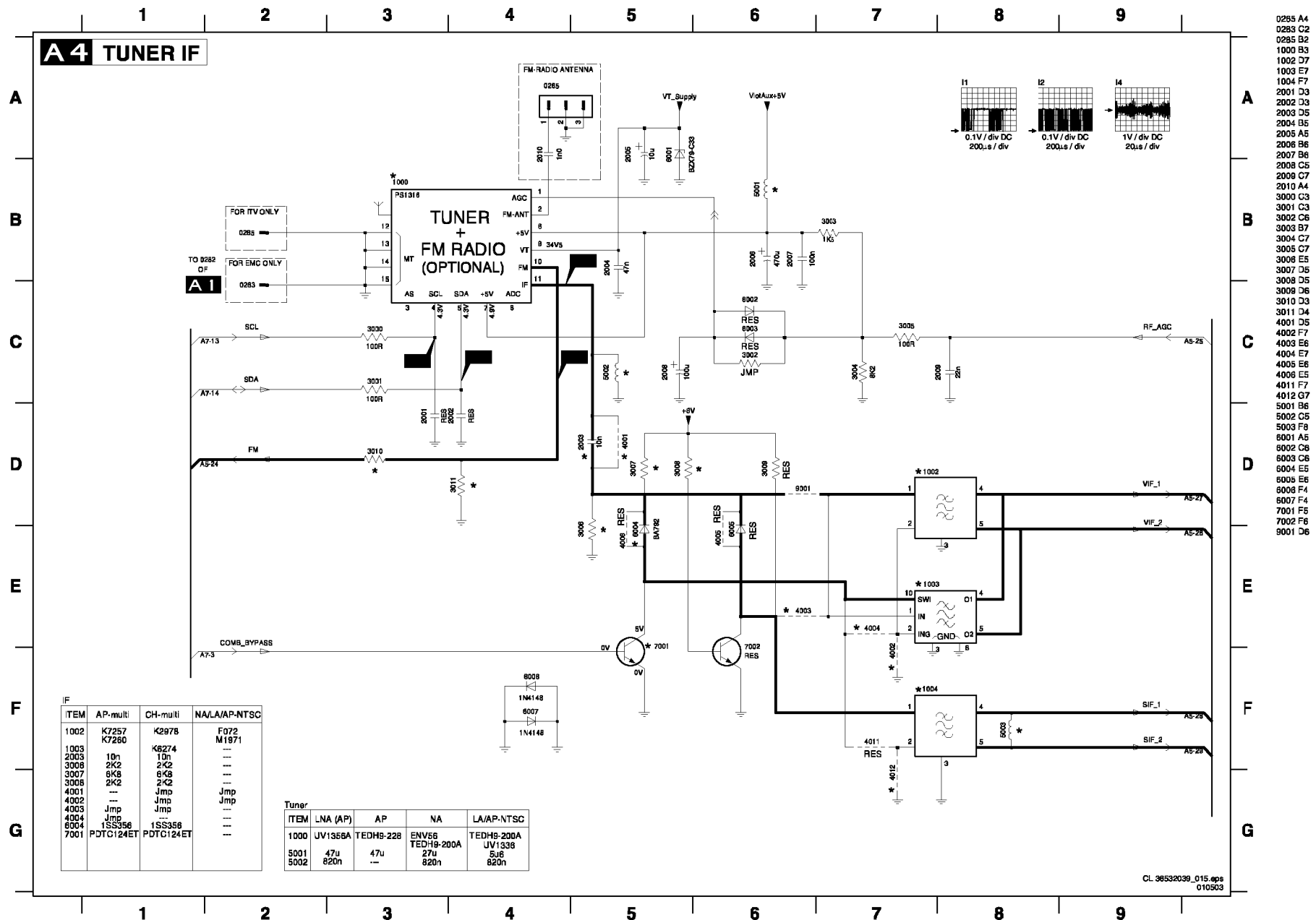
A2 LINE DEFLECTION



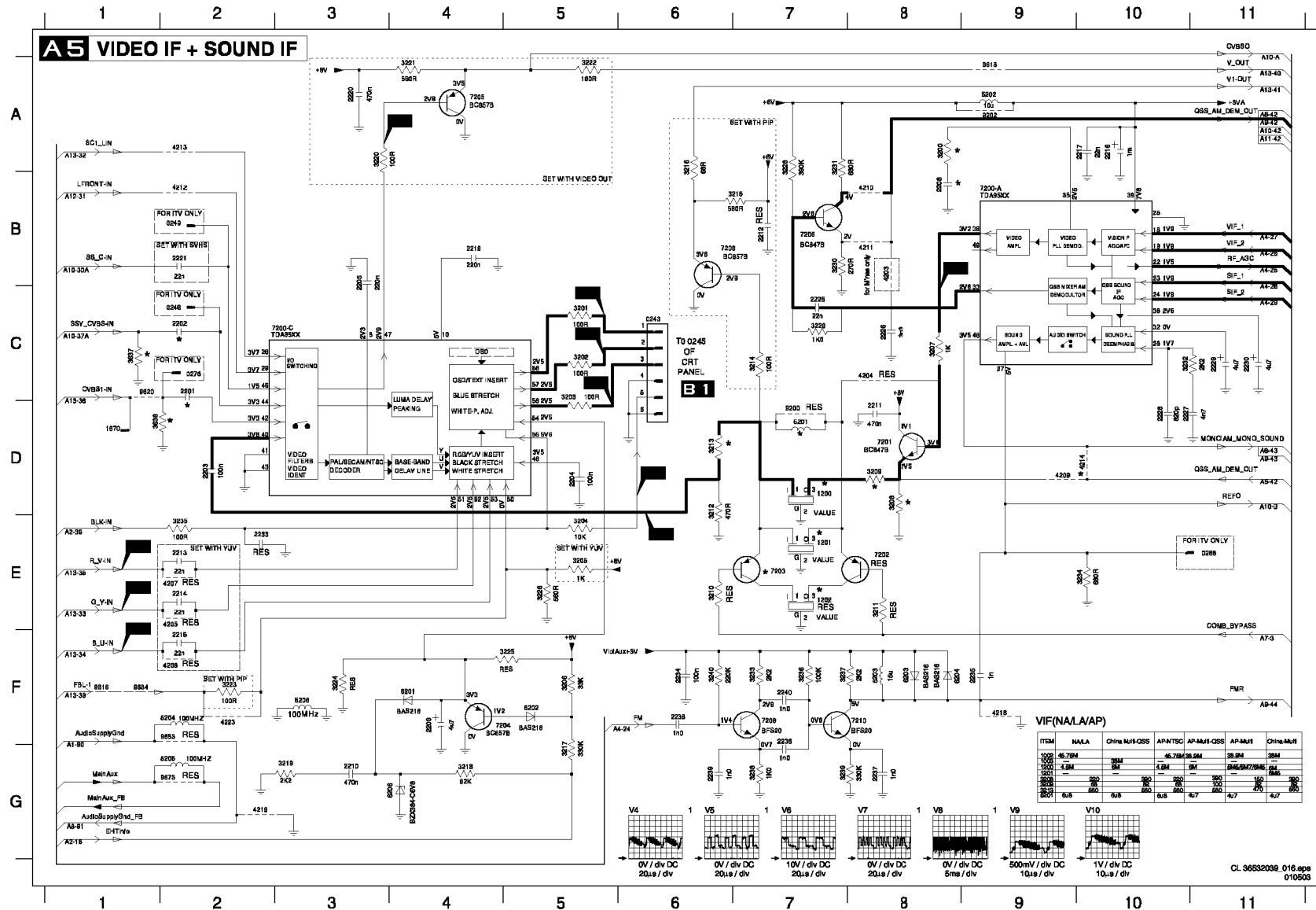
A3 FRAME DEFLECTION



Mono Carrier: Tuner IF

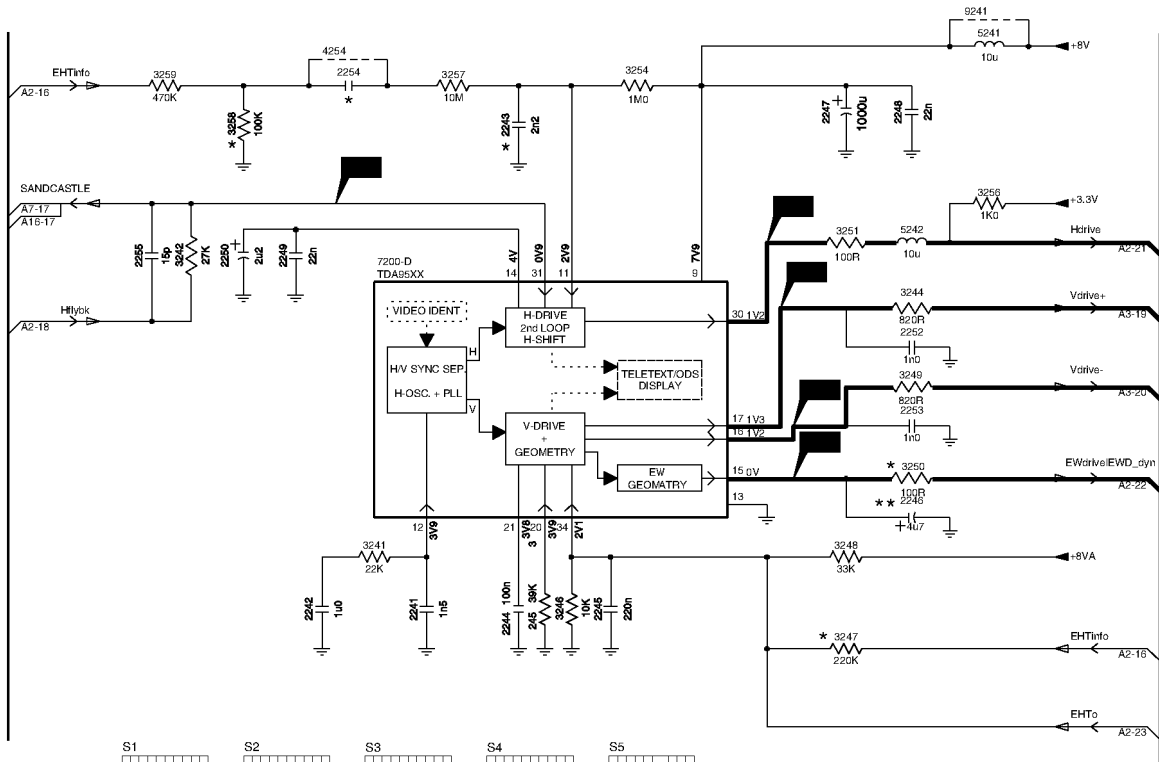


Mono Carrier: Video IF + Sound IF



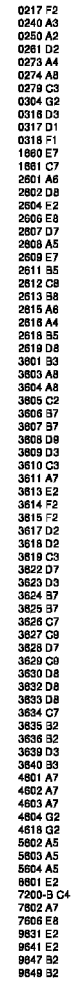
Mono Carrier: Synchronisation

A6 SYNCHRONISATION



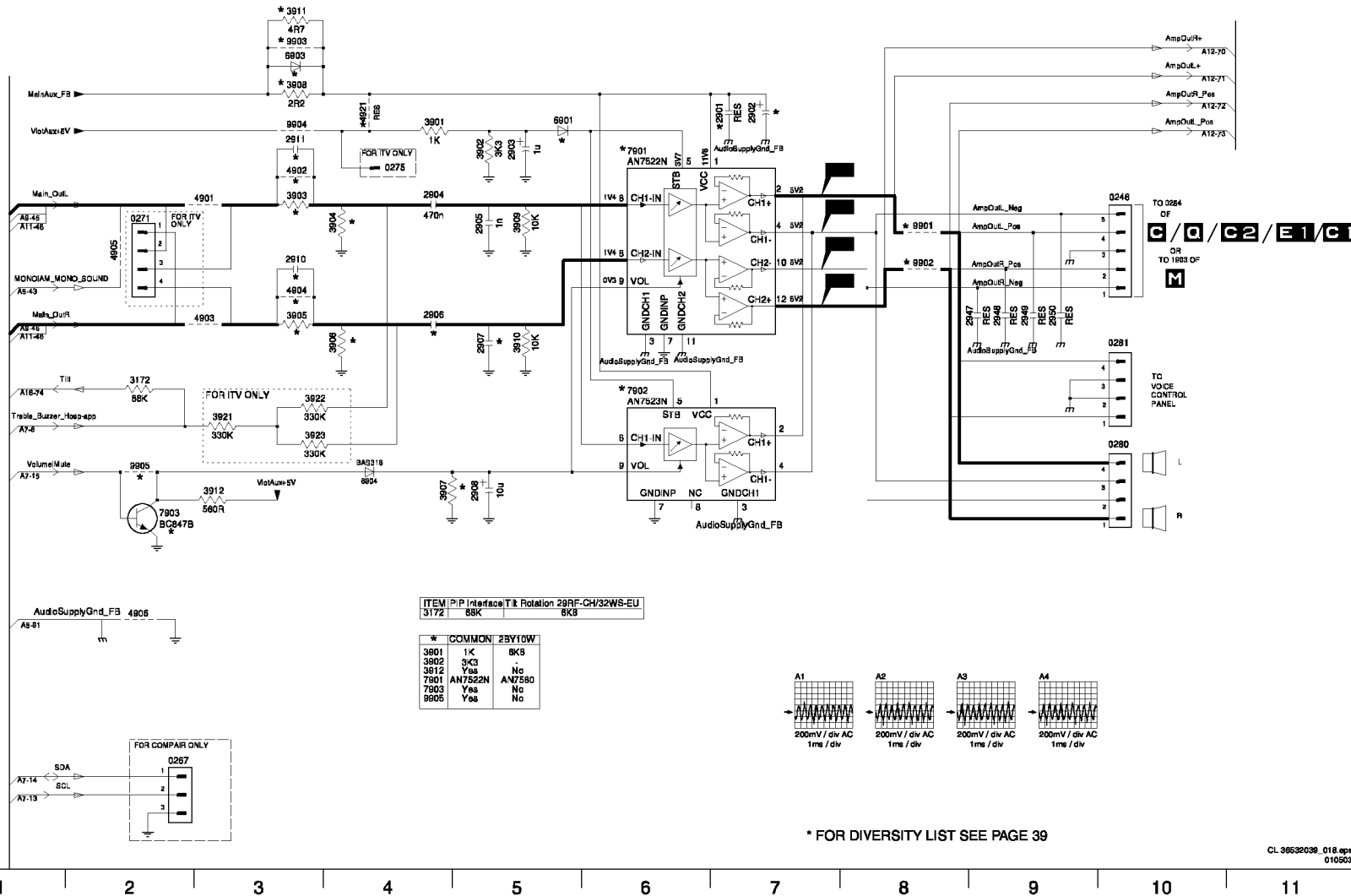
REGION	NAFTA			LATAM		AP						
	TUBE	SMGK	TOS	LG.PH	LG.PH	SMGK	LG.PH	LG.PH	ORION	LG.PH	LG.PH	MMEC
ITEM	29RF	34RF	32V	32WSRF	28WSRF	34RF	34RF	29RF	29RF	25RF	21RF	21RF
2243	50V 2N2	50V 2N2	50V 2N2	50V 10N	50V 10N	50V 2N2	50V 2N2	50V 2N2	50V 2N2	50V 2N2	50V 2N2	50V 6N8
3247	680K (SMD)	680K (SMD)	680K (SMD)	470K (SMD)	470K (SMD)	SM0603 470K	SM0603 470K	SM0603 680K	SM0603 680K	SM0603 680K	SM0603 270K	SM0603 270K
3250	8K2	8K2	8K2	1K	1K	33R	180K	SM0603 100K	SM0603 220K	SM0603 100K	SM0603 100K	SM0603 100K
3258	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)	100K (SMD)

A 7 CONTROL



Mono Carrier: Audio Amplifier

A8 AUDIO_AMPLIFIER



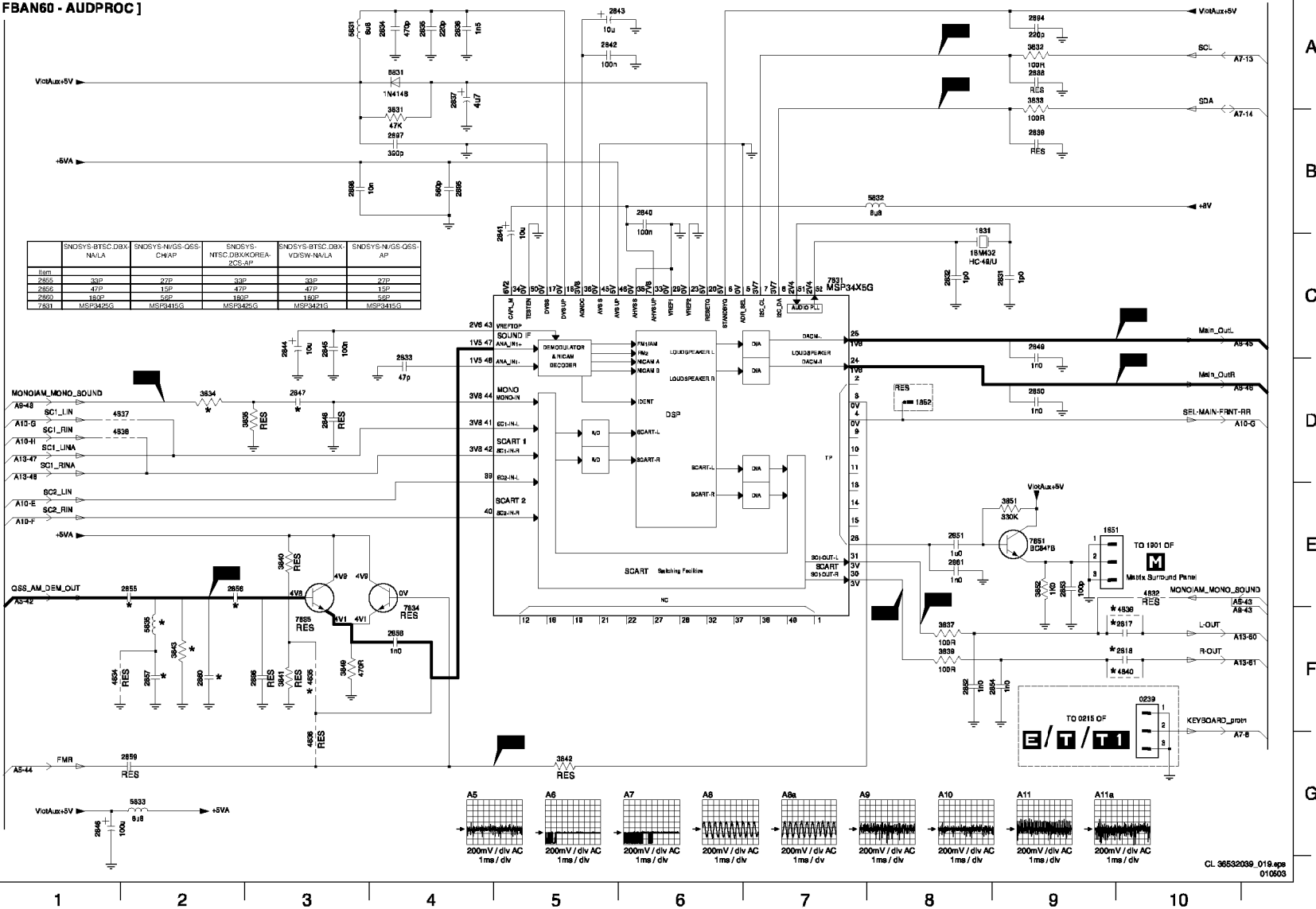
0246 B10
0267 G2
0271 C2
0275 B4
0280 D10
0281 D10
2901 B7
2902 B7
2903 B5
2904 B4
2905 C5
2906 C4
2907 D6
2908 E5
2910 C3
2911 B3
2947 C8
2948 C8
2949 C8
2950 C8
3172 D2
3901 B4
3902 B5
3903 B3
3904 C4
3905 C3
3906 D4
3907 E4
3908 B3
3909 C5
3910 D6
3911 A3
3912 E3
3921 D3
3922 D3
3923 D3
4901 B3
4902 B3
4903 C3
4904 C4
4905 C2
4906 F2
4921 B4
4901 B5
4903 A3
4904 E4
7901 B8
7902 D8
7903 E2
9901 C8
9902 C8
9903 A3
9904 B3
9905 E2

Mono Carrier: NICAM + 2CS + BTSC (Stereo/SAP) Decoder

A9 NICAM + 2CS + BTSC (STEREO/SAP) DECODER

[FBAN60 - AUDPROC]

	SNDSYS-BTSC.DBX N/A/LA	SNDSYS-NIGS-QSS- CH/AP	SNDSYS-NIGS-QSS- N/A/LA	SNDSYS-BTSC.DBX V/D/SW-N/A/LA	SNDSYS-NIGS-QSS- AP
1800	200	47P	47P	200	47P
2800	47P	47P	47P	47P	47P
2800	180P	180P	180P	180P	180P
7801	MSP34X5G	MSP34X5G	MSP34X5G	MSP34X5G	MSP34X5G



0239 F10
1831 B8
1851 E9
1852 D8
2817 F10
2818 F10
2831 C9
2832 C8
2833 D4
2834 A4
2835 A4
2836 A4
2837 A4
2838 A9
2839 B9
2840 B6
2841 B5
2842 A5
2843 A5
2844 C3
2845 C3
2846 G1
2847 D3
2848 D3
2849 C9
2850 D9
2851 E8
2852 F8
2853 E8
2854 F9
2855 E2
2856 E2
2857 F2
2858 F4
2859 G2
2860 F2
2861 E8
2864 A9
2865 B4
2866 F9
2867 B4
2868 B3
2869 B3
2870 B3
2871 B3
2872 B3
2873 B3
2874 B3
2875 B3
2876 B3
2877 B3
2878 B3
2879 B3
2880 B3
2881 B3
2882 B3
2883 B3
2884 B3
2885 B3
2886 B3
2887 B3
2888 B3
2889 B3
2890 B3
2891 B3
2892 B3
2893 B3
2894 B3
2895 B3
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2898 B3
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2901 B3
2902 B3
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2904 B3
2905 B3
2906 B3
2907 B3
2908 B3
2909 B3
2910 B3
2911 B3
2912 B3
2913 B3
2914 B3
2915 B3
2916 B3
2917 B3
2918 B3
2919 B3
2920 B3
2921 B3
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2976 B3
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2979 B3
2980 B3
2981 B3
2982 B3
2983 B3
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2985 B3
2986 B3
2987 B3
2988 B3
2989 B3
2990 B3
2991 B3
2992 B3
2993 B3
2994 B3
2995 B3
2996 B3
2997 B3
2998 B3
2999 B3
3000 B3

Mono Carrier: Audio/Video Source Switching

A 1 AUDIO/VIDEO SOURCE SWITCHING

Item	2 x Rear AV in & 1 x AV out with SVHS & YUV, 1 x side AV in	2 x Rear AV in & 1 x AV out with SVHS & YUV	2 x Rear AV in with SVHS	2 x Rear AV in & 1 x AV out with SVHS	1 x Rear AV in	1 x Rear AV in & 1 x AV out with SVHS & YUV, 1 x front AV in	1 x Rear AV in & 1 x AV out with SVHS & YUV, 1 x Side AV in	1 x Rear AV in & 1 x AV out
2802	Yes	Yes	-	Yes	-	Yes	Yes	-
3819	Yes	-	-	-	-	Yes	Yes	-
4807	-	Yes	Yes	Yes	-	-	-	-
4808	-	-	-	-	Yes	-	-	-
4812	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
4814	Yes	Yes	Yes	Yes	-	Yes	Yes	-
4816	Yes	Yes	Yes	Yes	-	-	-	-
4817	-	-	-	-	Yes	-	-	Yes
4819	-	Yes	Yes	Yes	-	-	-	-
4819	-	-	-	-	Yes	-	-	-
7802	Yes	Yes	-	Yes	-	Yes	Yes	-

1810A E2
1810B C3
1811 F4
2802 B9
2807 B5
2810 C9
2813 D9
2814 E7
2815 E7
2816 B3
3801 B2
3802 B2
3808 F7
3810 F7
3811 C2
3812 C2
3813 C3
3814 E7
3815 C7
3816 E7
3817 C7
3818 D7
3819 E7
3820 C7
3821 E7
3822 F7
4807 F7
4808 F8
4812 D3
4814 E3
4816 C8
4817 C8
4818 E7
4819 E8
4820 E10
4821 D2
4823 D2
4824 E2
4825 C10
4826 C10
4827 C10
4828 D7
4830 E7
4831 F7
4841 C7
4886 E5
4892 D5
5810 D3
7802-A C8
7802-B E8
7802-C D8
7803-A C4
7803-B D4
7803-C E4
7804 C3
9810 C7

A

B

C

D

E

F

A

B

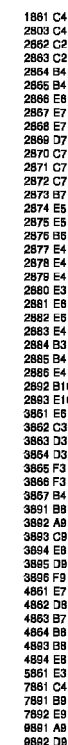
C

D

E

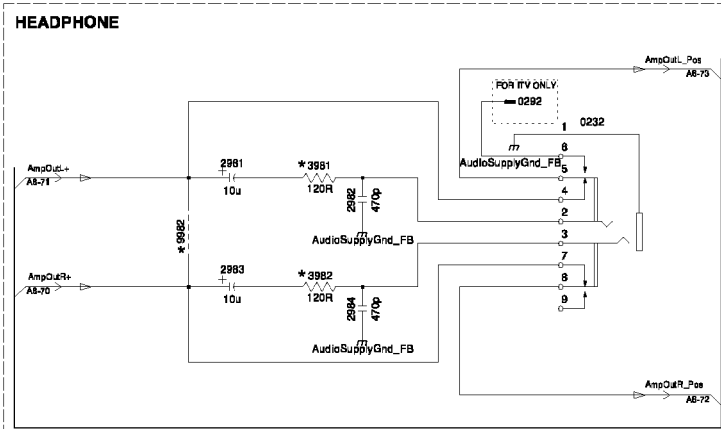
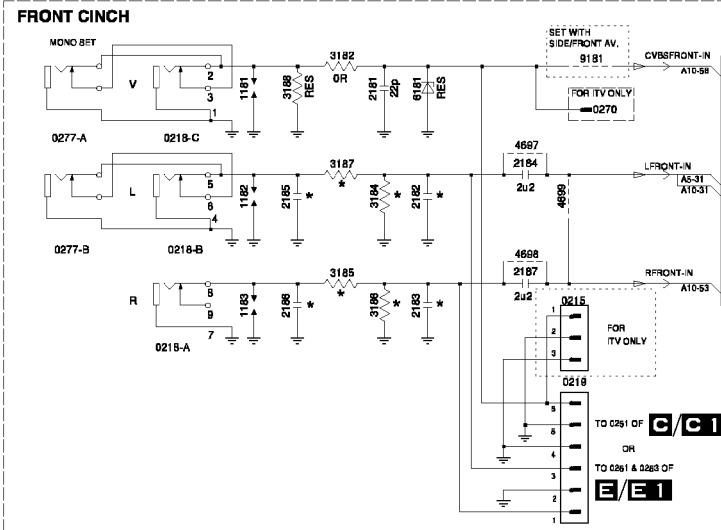
F

A 1 1 BTSC - NDBX STEREO DECODER



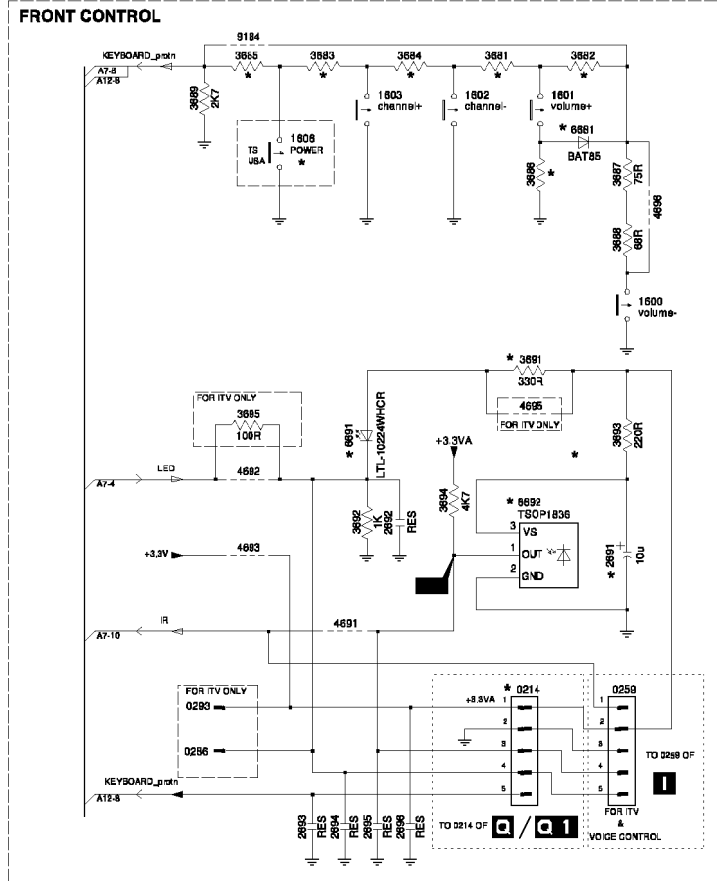
Mono Carrier: Front I/O + Front Control + Headphone

A 1 2 FRONT IO + FRONT CONTROL + HEADPHONE



For Engg Purpose Only

4884



* FOR DIVERSITY LIST SEE PAGE 39

CL 36532039_022.app
010503

0214 E8
0215 C4
0218-A C2
0218-B B2
0218-C B2
0219 C4
0232 E5
0258 E10
0270 A5
0277-A B1
0277-B B1
0286 F7
0292 E4
0293 E7
1181 A2
1182 B2
1183 C2
1800 C10
1801 A6
1802 A6
1803 A8
1806 B8
2181 A3
2182 B3
2183 C3
2184 B4
2185 B3
2186 C3
2187 B4
2891 D10
2892 D8
2893 F8
2894 F8
2895 F8
2896 F8
2898 E2
2899 F3
2899 F2
2899 F3
3182 A3
3184 B3
3185 B3
3186 C3
3187 B3
3188 A3
3681 A9
3682 A10
3683 A8
3684 A8
3685 A7
3686 B9
3687 B10
3688 B10
3689 A7
3690 C9
3692 D8
3693 D10
3694 D9
3695 C7
3696 E3
3697 F3
4891 E8
4892 D7
4893 D7
4894 B5
4895 C9
4896 B10
4897 B4
4898 B4
4899 B4
8181 A3
8181 B10
8181 D8
8181 E8
9184 A7
9882 F2

A1 3 REAR I/O CINCH



	21P15431	21P14223 21P14234/3523 29P13323	25P15531 29P14631	20P1633R 32S1233 36S1220	25L1220 25L1421 27L1220 27L1631 27S1220 27S1421 32L1621	28S1220 27S1110 27S1220 27S1230 27S1240	21P1133 21P1133 Mono S1
ITEM							
2121	22p	---	---	---	---	---	22p
2136	---	---	22p	---	22p	---	---
3121	---	---	---	75R	75R	75R	---
3122	---	---	---	600R	---	600R	---
9124/3136	JMP	JMP	JMP	JMP	JMP	JMP	JMP
9123/3137	JMP	JMP	JMP	JMP	JMP	JMP	JMP

CL 36532039_004.eps
240403

0223A5 A10	3153 D5
0223A5 C2	3154 D1
0223A5 C2	3156 D1
0223A5 A2	3157 E1
0223A5 A10	3158 D2
0223A5 D9	3159 E1
0226 D2	4101 B3
0227 A6	4102 B3
0229 E6	4104 B3
0242 A4	4121 D7
0245 E6	4122 E6
0305 E3	4123 E6
0310 A4	4124 E7
0311 C4	4125 E8
0312 A4	4126 E8
0313 E5	4131 C9
0314 E5	4132 E7
0315 E5	6150 F1
1101 A3	7101 A5
1102 B3	7102 D2
1103 B3	7103 E1
1104 C3	9101 D4
1105 C3	9102 C4
1106 D3	9103 C4
1107 F3	9104 D7
1108 F3	9111 C4
1109 C3	9112 C4
1110 A9	9113 D4
1111 B9	9121 D4
1112 B9	9122 D6
1113 C8	9123 F3
1114 C8	9124 F3
1115 B9	9125 F3
2101 A5	
2102 A4	
2103 A4	
2104 A5	
2105 B5	
2106 B5	
2107 B3	
2110 B3	
2111 C5	
2112 C5	
2113 D5	
2121 F4	
2122 F4	
2123 F4	
2124 F4	
2125 F4	
2127 F3	
2128 B3	
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2133 B8	
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2135 C7	
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2137 B8	
2138 B6	
2141 C7	
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3104 A4	
3105 A4	
3106 A4	
3111 C3	
3112 C4	
3113 D3	
3114 C4	
3115 D3	
3116 D4	
3117 C3	
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3124 F4	
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3134 B7	
3135 C8	
3136 C7	
3137 D6	
3138 D7	
3141 D7	
3150 F1	
3151 D5	
3152 D5	