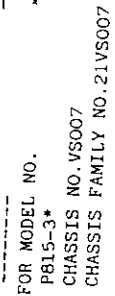
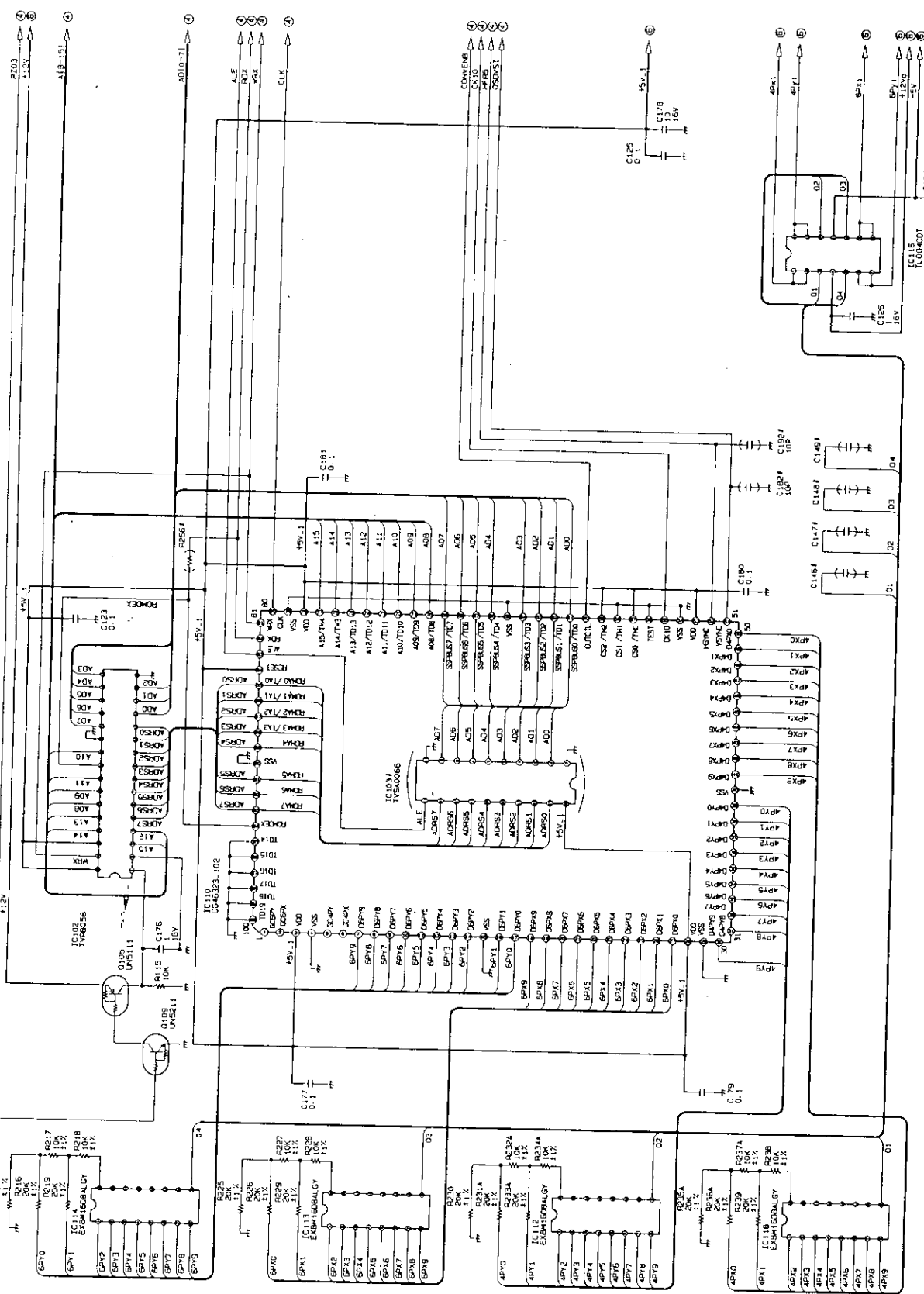


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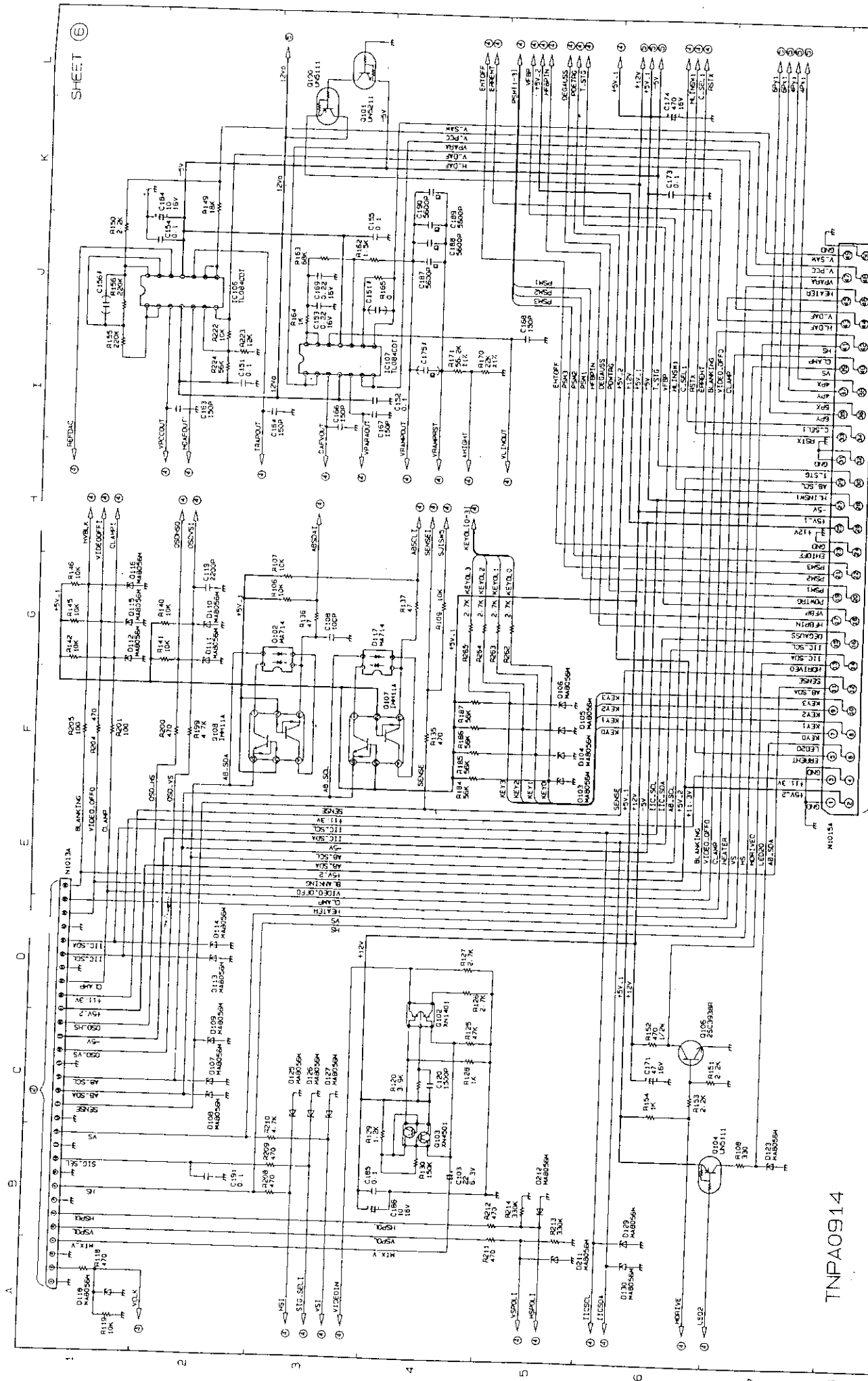




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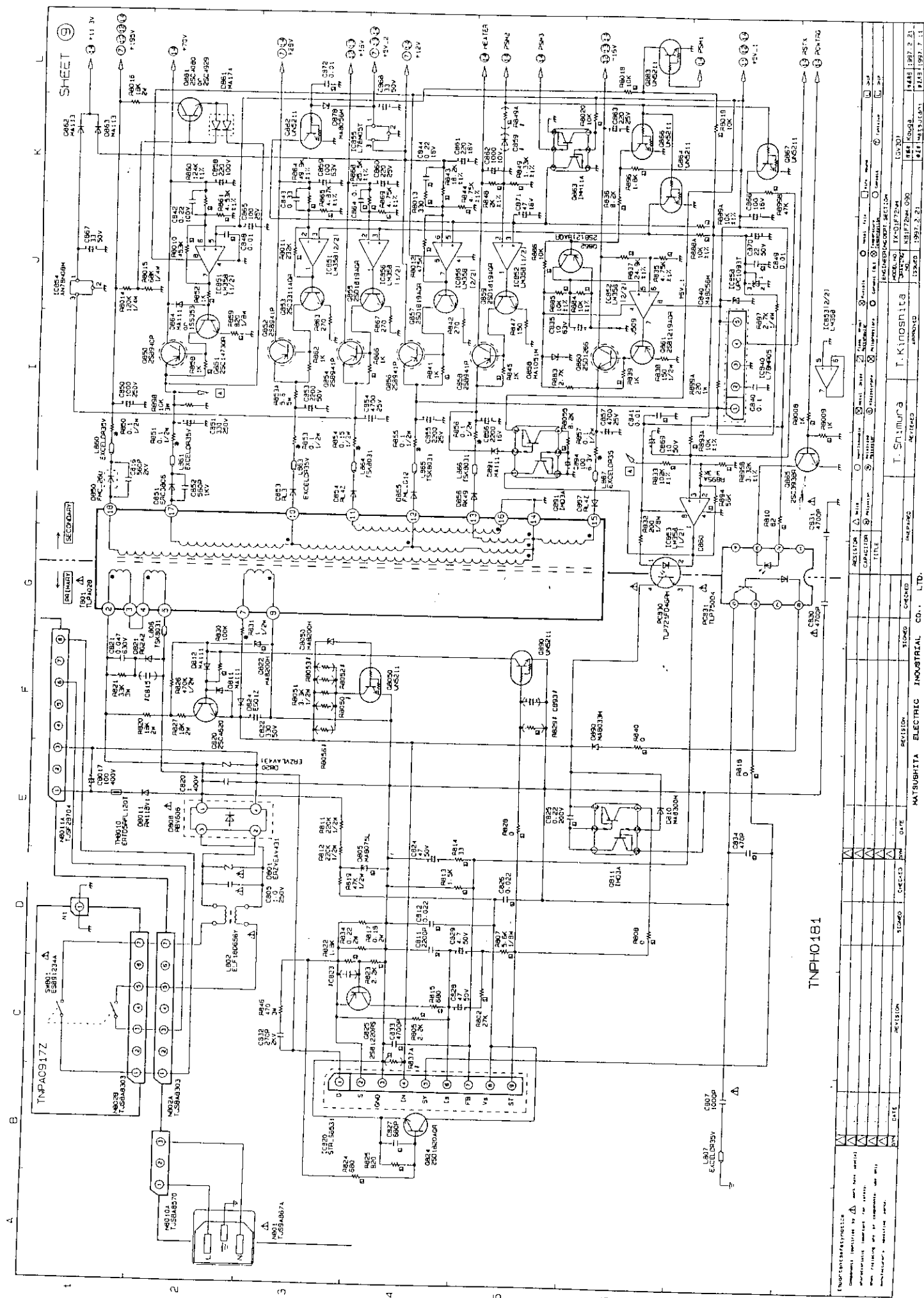
MATSUBITA ELECTRIC INDUSTRIAL CO., LTD.
 T. Shimura
 H. Kori
 DEON BLOC
 T. Kinoshita
 MODEL: T-017204V-E
 DATE: 1998.4.22
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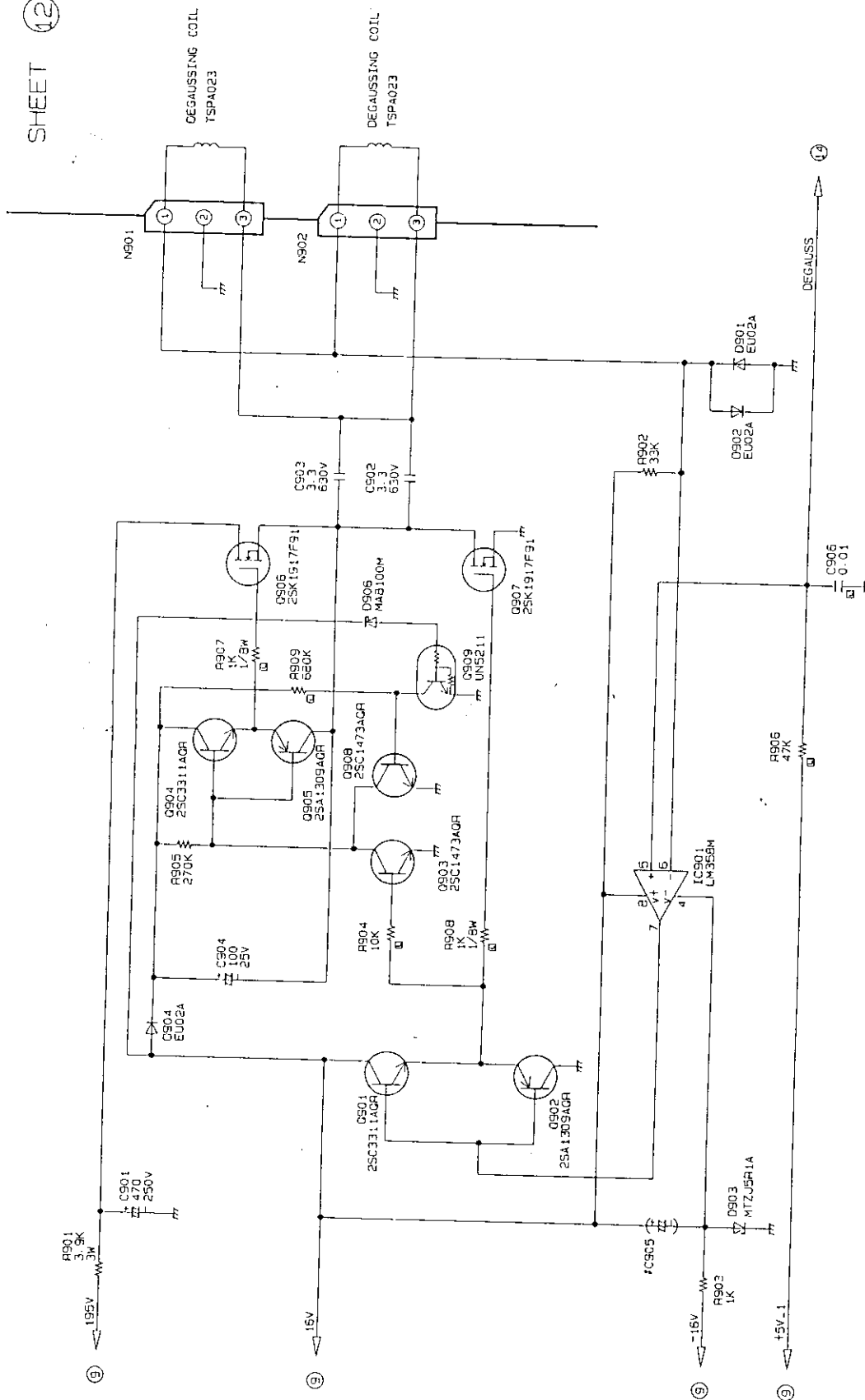
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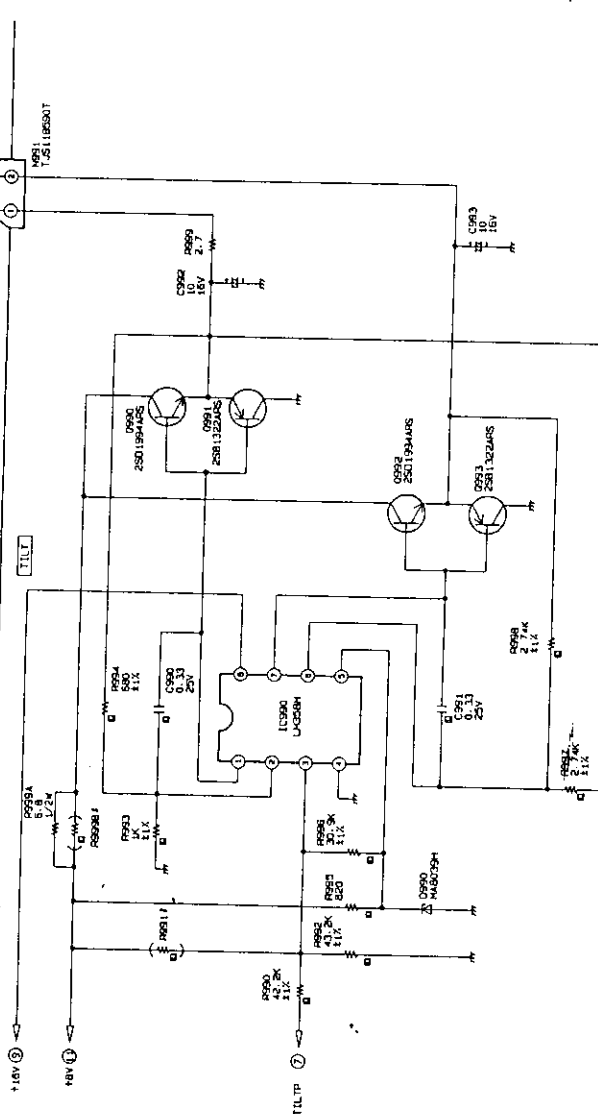
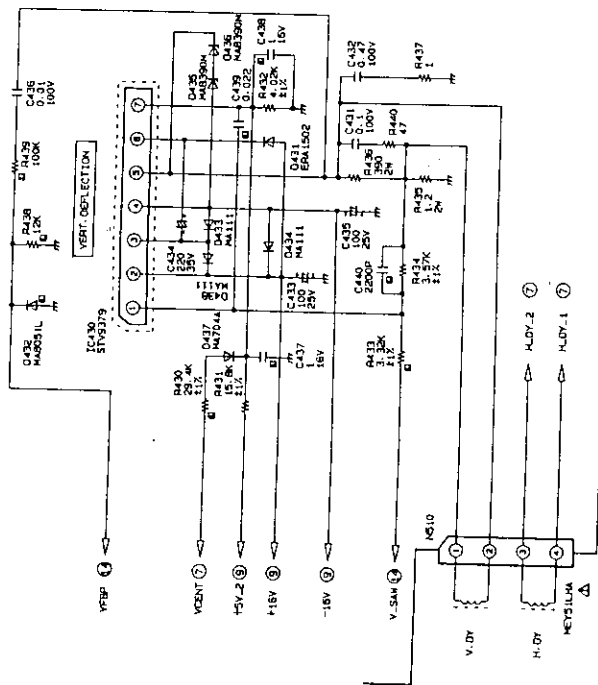
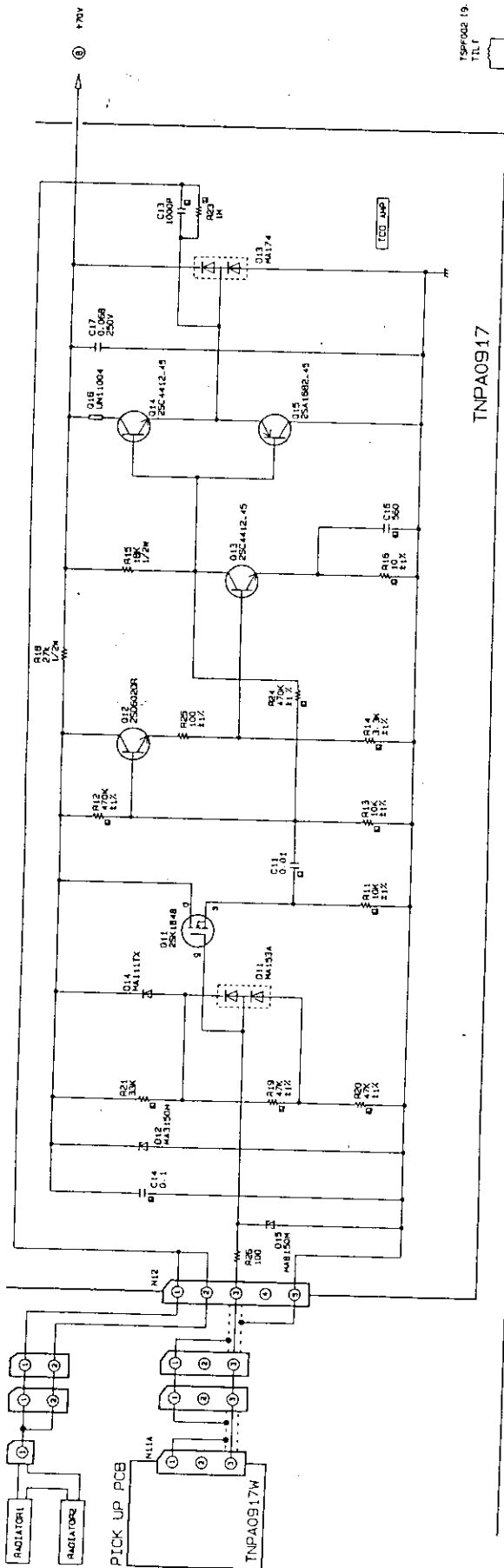


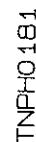
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Important safety notice

Children are attracted by  more than adults are attracted to the same products. Therefore, the products are not suitable for children.

Keep children away of equipment. Use only

REVISION		STAMPED	CHECKED

MAATSUBISHITA ELECTRIC INDUSTRIAL CO., LTD.

2) RESERVATION TIMING

		MODE 2	MODE 3	MODE 4	MODE 5
		VGA (Industry Standard) 640×480 @60Hz	VESA Standard 640×480 @75Hz	VESA Standard 1024×768 @75Hz	MAC 1152×870 @75Hz
DOT CLOCK		25.1750MHz	31.5000MHz	78.7500MHz	100.000MHz
H O R I Z	fH	31.469kHz	37.500kHz	60.023kHz	68.681kHz
	A-Period	31.778 us(800 dots)	26.667 us(840 dots)	16.660 us(1312 dots)	14.560 us(1456 dots)
	B-Blanking	6.356 us(160 dots)	6.350 us(200 dots)	3.657 us(288 dots)	3.040 us(304 dots)
	C-Sync width	3.813 us(96 dots)	2.032 us(64 dots)	1.219 us(96 dots)	1.280 us(128 dots)
	D-Back porch	1.907 us(48 dots)	3.810 us(120 dots)	2.235 us(176 dots)	1.440 us(144 dots)
	E-Active	25.422 us(640 dots)	20.317 us(640 dots)	13.003 us(1024 dots)	11.520 us(1152 dots)
	F-Front porch	0.636 us(16 dots)	0.508 us(16 dots)	0.203 us(16 dots)	0.320 us(32 dots)
V E R T	fV	59.940Hz	75.000Hz	75.029Hz	75.061Hz
	A-Period	16.683 ms(525 lines)	13.333 ms(500 lines)	13.328 ms(800 lines)	13.322 ms(915 lines)
	B-Blanking	1.430 ms(45 lines)	0.534 ms(20 lines)	0.533 ms(32 lines)	0.655 ms(45 lines)
	C-Sync width	0.064 ms(2 lines)	0.080 ms(3 lines)	0.050 ms(3 lines)	0.044 ms(3 lines)
	D-Back porch	1.049 ms(33 lines)	0.427 ms(16 lines)	0.466 ms(28 lines)	0.568 ms(39 lines)
	E-Active	15.253 ms(480 lines)	12.800 ms(480 lines)	12.795 ms(768 lines)	12.667 ms(870 lines)
	F-Front porch	0.318 ms(10 lines)	0.027 ms(1 lines)	0.017 ms(1 lines)	0.044 ms(3 lines)
Sync polarity (H/V)		Negative / Negative	Negative / Negative	Positive / Positive	Negative / Negative

		MODE 6	MODE 7	MODE 8	MODE 9
		VESA Standard 1280×1024 @75Hz	VESA Standard 1280×1024 @85Hz	1600×1200 @85Hz	1600×1200 @90Hz
DOT CLOCK		135.000MHz	157.500MHz	229.500MHz	243.000MHz
H O R I Z	fH	79.976kHz	91.146kHz	106.250kHz	112.500kHz
	A-Period	12.504 us(1688 dots)	10.971 us(1728 dots)	9.412 us(2160 dots)	8.889 us(2160 dots)
	B-Blanking	3.022 us(408 dots)	2.844 us(448 dots)	2.440 us(560 dots)	2.304 us(560 dots)
	C-Sync width	1.067 us(144 dots)	1.016 us(160 dots)	0.837 us(192 dots)	0.790 us(192 dots)
	D-Back porch	1.837 us(248 dots)	1.422 us(224 dots)	1.325 us(304 dots)	1.251 us(304 dots)
	E-Active	9.481 us(1280 dots)	8.127 us(1280 dots)	6.972 us(1600 dots)	6.584 us(1600 dots)
	F-Front porch	0.119 us(16 dots)	0.406 us(64 dots)	0.279 us(64 dots)	0.263 us(64 dots)
V E R T	fV	75.025Hz	85.024Hz	85.000Hz	90.000Hz
	A-Period	13.329 ms(1066 lines)	11.761 ms(1072 lines)	11.765 ms(1250 lines)	11.111 ms(1250 lines)
	B-Blanking	0.525 ms(42 lines)	0.527 ms(48 lines)	0.471 ms(50 lines)	0.445 ms(50 lines)
	C-Sync width	0.038 ms(3 lines)	0.033 ms(3 lines)	0.028 ms(3 lines)	0.027 ms(3 lines)
	D-Back porch	0.475 ms(38 lines)	0.483 ms(44 lines)	0.433 ms(46 lines)	0.409 ms(46 lines)
	E-Active	12.804 ms(1024 lines)	11.235 ms(1024 lines)	11.294 ms(1200 lines)	10.667 ms(1200 lines)
	F-Front porch	0.013 ms(1 lines)	0.011 ms(1 lines)	0.009 ms(1 lines)	0.009 ms(1 lines)
Sync polarity (H/V)		Positive / Positive	Positive / Positive	Positive / Positive	Positive / Positive

1) PRESET TIMING

		MODE 1
		VESA Proposal 1600×1200 @75Hz
DOT CLOCK		202.500MHz
H O R I Z	fH	93.750kHz
	A-Period	10.667 us(2160 dots)
	B-Blanking	2.765 us(560 dots)
	C-Sync width	0.948 us(192 dots)
	D-Back porch	1.501 us(304 dots)
	E-Active	7.901 us(1600 dots)
	F-Front porch	0.316 us(64 dots)
V E R T	fV	75.000Hz
	A-Period	13.333 ms(1250 lines)
	B-Blanking	0.533 ms(50 lines)
	C-Sync width	0.032 ms(3 lines)
	D-Back porch	0.491 ms(46 lines)
	E-Active	12.800 ms(1200 lines)