

Service Manual

CMV1760

17" Colour Computer Monitor

Effective: June 98 CMV1760SERV

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A. SPECIFICATIONS:

1. SCREEN

17" F & S, 0.28mm, Antistatic coating.

2. POWER SOURCE

120V 60Hz 220V 50Hz

3. POWER CONSUMPTION

130W (max.)

4. INPUT SIGNAL

VIDEO

Analog R. G. B.: 0.7Vpp (positive)

SYNC

TTL level, H, V separate, composit sync, positive or negative

polarity.

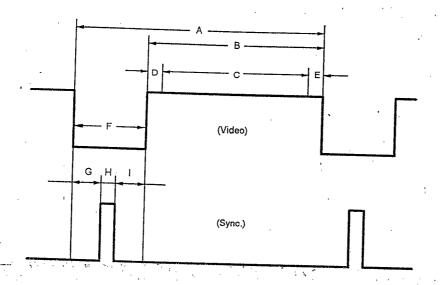
5. INTERFACE

15 Pin D type connector

6. RESOLUTION

1280 X 1024 pixels (Non-interlace)

7. RECOMMENDED TIMING CHART



Item	Description:
A	Total time
B	Active display area including borders
C	Active display area excluding borders
. D	Left/Top border
E	Right/bottom border
F	Blanking time
G	Frontporch
Н	Sync-width
	Backporch

Mode No.			т .		• •	
		VGA	{ _	_	4	5
		VGA	VESA 37.9K		VESA	VESA/
H-Resolution	[px]	720	800		53.6K	MAC60K
V-Resolution	[Lines]	400	600	,	800	1024
Pixelclock	[MHz]	28.322	40.000	1 000	~ 600	768
H-Frequency V-Frequency	[kHz]	31.468	37.879	46.875	56.250 53.674	78.750
Interlace	[Hz]	70.090	60.317	75.000	85.061	60.023
H-Sync-polarity	<u> </u>	NONE	NONE	NONE	NONE	75.029 NONE
V-Sync-polarity		-	+	+	+	+
H-total	[us]	+	. +	+	+	+
H. active diamin		31.778	26.400	21.333	10 (21	
H-active display	[us]	26.061	1		18.631	16.660
H-active w/o border	[us]	1 1	20.000	16.162	14.222	13.003
H-left border	· · · · · ·	25.421	20.000	16.162	14.222	13.003
	[us]	0.32	0	0	,	13.003
H-right border	[us]	0.32		۷	0	0
H-blanking	[us]	1	0	0	0	0
H-Frontporch	[us]	5.72	6.400	5.172	4.409	3.657
H-Sync-width	•	0.318	1.000	0.323	0.569	0.203
H-Backporch	[us]	3.810	3.200	1.616	1.138	
L '	[us]	1.589	2.200			1.219
V-total	[ms]			3.232	2.702	2.235
	[Lines]	14.268	16.579	13.333	11.756	13.328
V-active display	[ms]	449	628	. 625	631	800
	- 1	13.156	15.840	12.800	11.179	
V anti-	[Lines]	414	600			12.795
V-active w/o border	[ms]	12.712		600	600	768
V-top border	[Lines]	400	15.840	12.800	11.179	12.795
	[ms]	0.222	600	600	600	768
V-bottom border	[Lines]	7	o l	0	0	0
	[ms]	0.222	ől	0	0	0
V-blanking	[Lines]	7	ol	0	0	, 0
· Manking	[ms]	1.112	0.739	0.533	0.578	0 522
V-Frontporch	[Lines] [ms]	35	28	25	31	0.533 32
	[Lines]	0.159	0.026	0.021	0.019	0.017
V-Sync-width	[ms]	0.06356	1	1	1	1
	[Lines]	2	0.106	0.064	0.056	0.050
V-Backporch	[ms]	0.889	0.607	3	3	3
	[Lines]	28	23	0.448 21	0.503	0.466
•					27	28

VESA 68.7K 64K	Mode No.		1			,
H-Resolution [px] 1024 1280	Wiode Wo.		, ,	7		
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V-Resolution [Lines] 768 1024 Pixelclock [MHz] 94.500 110.00 H-Frequency [KHz] 68.677 64.000 60.000 NONE NONE H-Sync-polarity +	H-Resolution	[ny]				
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H-Frequency			, ,		•	
V-Frequency Interlace	i i				ļ	
Interlace						
H-Sync-polarity		[]				
V-Sync-polarity	H-Sync-polarity	1				
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V-Backporch [ms] 0.524 0.594	,		4	1		
	V-Backporch					
		[Lines]	36	38		

8. DISPLAY SIZE

H: $300 \pm 5 \text{ mm}$ V: 225 ± 5 mm

. 0-40 degree C

10. DIMENSION

9. OPERATION TEMPERATURE

Including Packaging 535 mm 570 mm

Without Packaging 414 mm 410 mm Width Height

570 mm

Depth 458 mm

11. WEIGHT

Net: 16.4 Kgs Gross: 19.4 Kgs

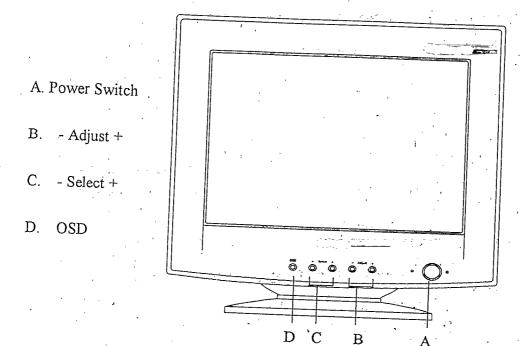
B. IMPORTANT SAFETY INSTRUCTION

Prior to using this manual, please ensure that you have carefully followed all the procedures outlined in the user's manual for product.

- 1. Read all of these instructions.
- 2. Save these instructions for later use.
- 3. Follow all warnings and instructions marked on the product.
- 4. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 5. Do not use this product near water.
- 6. Do not place this product on an unstable car, stand or table. The product may fall, causing serious damage to the product.
- 7. Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, those openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, this product should not be placed in a built-in installation unless proper ventilation is provided.
- 8. This product should be operated from the type of power source indicated on the marketing label. If you are not sure of the type of power available, consult your dealer or local power company.
- 9. This product is equipped with a 3-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.
- 10. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
- 11. If an extension cord is used with this product, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the wall outlet does not exceed 15 amperes.
- 12. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
- 13. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks.
 Refer all servicing to service personnel.

- 14. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinct change in performance, indicating a need for service.

On-Screen Display Controls



^{*} Outlook subject to change without prior notice.

D. CIRCUIT DESCRIPTION

1. Power circuit

The power circuit includes the start up, mode control operation, and OCP circuit. Please refer to the circuit diagram.

a) Start up circuit

The R908 and R909 provide the start up current of I901.

The turn-on and turn off thresholds of under-voltage lockout circuit in I901 are fixed internally at 16V

At start-up, C911 must be charged to 16V with a current no less than 1mA.

b) Current-mode control operation

As B+ of I901 (Pin 7) more than 16V, it has square waveform on the totem-pole output (Pin 6) which can be operated to +/- 1 Amp peak for driving the gate of MOSFET Q901. The current sensing resistor R915 senses the primary current waveform for current-mode PWM control and total output power limit.

c) OCP

As mentioned above the current sensing resistor R915 can limit the total power output. The voltage level of auxiliary power winding will drop with the secondary load increment. The auxiliary power voltage will be too low to drive the I901 at heavy overload output condition. Then the I901 will be shut down after start up repeatedly.

d) LED Indicator CKT

When it's power on micon, control Q009 provide voltage 5V which make green LED on; When it's without H-syn or V-syn pulsing, micon control Q001 make amber LED on, at this moment LED will become yellow ; When it's without H-syn and V-syn pulsing micon control Q001 make LED amber.

c) Degauss CKT

Micon control Q902, Q903 and RL901 on make current pass by POR901 and ADG coil is degaussing

2. Horizontal circuit

a) Horizontal first stage circuit

The main function of this stage have horizontal synchronization, free-running oscillation, AFC and horizontal-phase adjustment.

a-1 Free-running oscillation.

Free-running oscillation is handled by the voltage decided by pin 12 of 1601.

a-2 Horizontal synchronization.

If input a sync pulse to Pin 17 of I601 synchronization is achieved.

a-3 Horizontal-phase adjustment

The I601 internal circuit also has the horizontal-phase adjustment function. It is easy to add and change a DC voltage to Pin 15 of I601 complete this function.

b) Side-pin and H-size control circuit

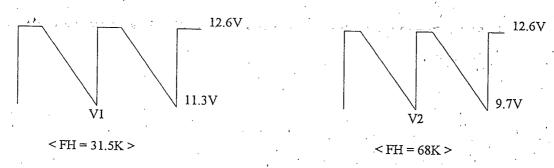
Parabola signal from pin 36 of I601 to I701 is the side-pin control CKT. I701, Q717, Q718, Q719 complete

- c) Horizontal pre-driver circuit and driver circuit The main function of these stage is to supply enough energy to horizontal output circuit. Q703 are pre-driver circuit. T701 is driver circuit.
- d) Horizontal output stage circuit Horizontal output stage circuit belongs to diode modulation type. Q704, D702, D708 C718, C719, T701, T702, C727 are main parts of this circuit.
- e) Horizontal B+ step up circuit
 In order to keep the same high voltage of CRT and horizontal raster size, it must supply different B+ voltage according to different horizontal frequency. B+ voltage is positively proportional to the horizontal frequency. And the horizontal B+ step up circuit has this function. I601, Q710, Q715, Q716, D711, L701 and C744 are main parts of this circuit.
- Spot killer circuit
 It have very bright line or dot on the CRT screen when power turns off instantaneously, The spot killer circuit can avoid this defect. The main parts of this circuit are Q711, D720, C741, I701, Pin 8-10, ZD704, ZD705.
 X-ray protection circuit
- g) X-ray protection circuit

 It will emit x-ray and It will be harmful to human body when anode voltage of CRT is too high, The x-ray protection circuit can shut down the horizontal pulse to avoid x-ray emission. ZD702, D718 R784, R785, C743 are main parts of this circuit.
- h) Blanking circuit Q600 for Vert. Q701, Q712, Q713 for Hor.
- I) Vertical focus circuit

 The Q500 is a basic voltage magnifier, being B+ (at some 500V) provide after FBT pin 2 is duly rectified, the vertical parabola signal 1.0Vp-p goes through the I703 is in troduced into the basic polarity of Q500 and to cope with the specification of the CRT focus, VR501 is used to control the output oscillation at 165Vp-p+/-20V.
- J) Horizontal focus circuit
 The Q501 is switch type being the basic polarity from the negative horizontal pulse \int 38Vp-p
 through R513, C507 FOR INTEGRAL CONTROL AND INTEGRATION BY MEANS OF C509, Q503,
 R528 for a zig-zag wave \int (in different high/low oscillation) for the rear stage after transmitting the
 Q502.

The I500, Q503 are elements to control the range of the zig-zag oscillation where the Pin 6 takes the zig-zag wave from R517, C511 and P7 obtains the \bigcirc horizontal parabola wave (fH = 68K, V= 3.7 Vp-p; fH = 31.5K, V = 3.0 Vp-p), to P2 through D504, P3 is a basic voltage point, but it has to be connected to the deviation B+ by means of R522, R523 for compensation of the voltage values at different frequencies, thus P1 comes with different voltage outputs (fH=31.5K, V1 =0.8V, fH = 68K, V1 = 1.6V) and Q503 with the access volume in different levels.



fH = 31.5K as V1 voltage goes lower, the Q501 Vc discharges slower in less oscillation range fH = 68K as V2 voltage goes higher, the Q501 Vc discharges faster in more oscillation range

The Q504 discharges ar larger range and the signal source comes from the VR530, the original zig-zag wave and then is added with the R539 negative feedback voltage and then input into the Q504 basic polariy, the Vc obtains 46 Vp-p and when going through the Q505, Q506 for buffering magnification sent to T501 which the primary number of rings goes large, making the initial \ times and the CRT focus may obtain the required voltage value. Therefore, the dynamic focus of this type opts this type, that is to say, the T501. Then the high and lower parabolas shall come in different parabola waves to maintain the voltage value of the focus at fixed level.

3. Vertical circuit

The vertical circuit includes pre-driver circuit, output circuit and vertical-size preset circuit, and vertical f to v

a) Vertical pre-driver circuit

- The function of pre-driver circuit have synchronization, free-running oscillation and sawtooth pulse
- When input a vertical sync signal to pin 34 of I601 synchronization is achieved, by I601's internal
- * The internal circuit of I601 also has the sawtooth pulse generator.
- b) Vertical output circuit and vertical-size preset circuit
 - * I602 is a vertical output IC. It implements the current amplifier function.
 - * When input a DC voltage to Pin 31 of I601, It can decide the vertical raster size. If the DC voltage is higher, the vertical raster size is larger.
- 4. Video circuit

The video circuit three major portions

a) Video pre-Amp

I201 AN93B06K may control video pre-Amp by means of micro circuit.

b) Video amplifier circuit

I201 used as a pre-AMP which include contrast control, and clamp function. Q202+Q203, Q232+Q233, Q262+Q263 are cascodes for final-AMP VR225, VR255, VR285 are bias

c) Q204, Q234, Q264 are individual buffer transistors for signal of OSD R.G.B.

d) Q296, Q236, Q266 are individual buffer transistors for signal of OSD R.G.B. blanking.

5. MICRO CIRCUIT

A short description of the key related IC's is given below

a) MCU: PHILIPS PCE84C886

a-1 8.bits CPUa-2 8K * 8 ROM

a-3 192 * 8 RAM

a-4 Twelve quasi-bi-directional I/O ports and maximum sixteen derivative I/O ports.

a-5 9 PWM (6-bit * 4, 7-bit * 4 and one 14-bit).

a-6 4 OSD outputs (R/G/B and FB).

a-7 Onc 8-bit timer/event counter (T1) and one 8-bit counter triggered by external input (T3).

a-8 4 single level vectored interrupts:

INTN, T1, I2C, and V-SYNC.

a-9 OSD features:

display RAM

: 64 * 10 (bit)

character fonts

: 64 (including 2 special codes)

character bitmap

: 12 * 10

character size character color : 1H/1V, 1H/2V, 11H/3V and 1H/4V.

: 8 (character-by-character based)

background color

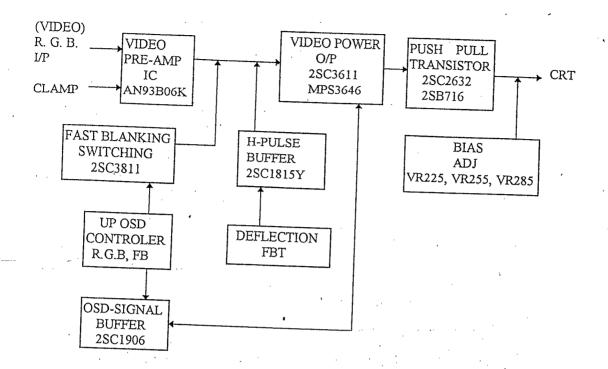
: 8 (character-by-word based)

- b) EEPROM: ATMEL AT24C02 (256 * 8 bit = 2K bits) 24LC02 is an 2K bits 5V electrically erasable programmable read only memory (EEPROM) organized as 256 by 8 bits. The stored information is electrically alterable on a word-by-word basis
- c) LM7805 : Power regulator (+12V -->> +5V)
- d) LM324: OP (4 items)
- e-1 I001 84C886 is a 8 bits micro-controller and heart of the BUS controlled monitor. 84C886 has two main function. One is to detect the timing mode (by H-, V-, HP, VP) from the PC, the other is to scan the key board.
 - When the 84C886 detect the right timing it read the correspondent data from the EEPROM and place the data to the O/P of PWM.
 - After 84C886 detect which key is pressed, it show the OSD and change the PWM value, according which icon is selected.
- e-2 84C886 comprises 9 PWMs (pulse width resolution, 6-bit * 4, 7-bit * 4 and one 14-bit) to control 9 functions. The PWMS are individually programmed using a 6-bit (7-bit) word to select an output from one of 64 (128) voltage steps. The maximum output voltage of all PWMs is set by the Vdd and there solution is approximately (Vdd-0.4) / 64 or
- e-3 The system clock is provided by a 10MHz crystal connected to pin 31, 32 of I001. R008 - R016 and C012 - C018, C010, C020 are integrators that transfer pulse width to DC voltage. R001 - R003 and C002 constructs an external R-C to program the PLL. C001 is a decoupling capacitor to stabilize the DC supply voltage for 84C886.
- f) AT24C02 contain the data of timing, factory default PWM value, CS value...et. According to these data, 84C886 can decide the suitable PWM value for different timing.
- g) I003 LM7805 is a power regulator IC, it switches 12V to 5V to supply the whole circuit.
- h) LM324 according to the I/P (+12V) & O/P of LM7805, to generate reset signal and supply the
- I) I008 is a sync PROCESSOR.

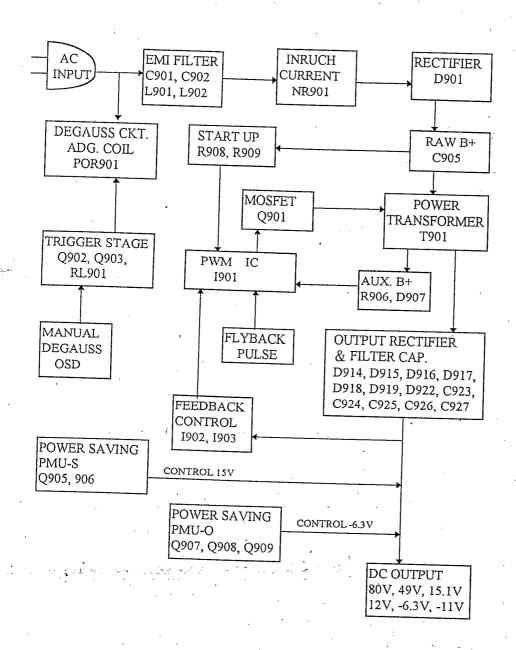
E. GENERAL ADJUSTMENT

- 1. B+ 15.1V adjustment: VR901
 - a) Connect the positive lead of multi-meter to D917 (--), negative lead to chassis ground.
 - b) Adjust VR901 to obtain a 15.1V reading.
- 2. High Voltage adjustment: VR702
 - a) Turn off the power and connect the positive lead of high voltage voltmeter to the tube anode, negative lead to Chassis Ground.
 - b) Turn on the power of display at least 15 minutes.
 - c) Adjust VR701 to obtain a 25.5KV reading.
- 3. Focus adjustment:
 - a) Display any character all over the screen.
 - b) Set contrast max. and brightness in cut off position.
- c) Adjust focus H/V VR until the 1/4 and 3/4 position of center Horizontal line of the picture is sharpest.
- 4. Background white balance adjustment: VR225, VR255, VR285
 - a) Set all bias VR to counter-clock wise max and let the raster be invisible.
 - b) Display black pattern (all video signals are disabled) and adjust SCREEN VR until the raster just appear to see which color comes out first (red, green or blue colors).
 - c) Adjust bias VR of the other 2 colors to get gray raster. (9300K + 27 M.P.C.D)
 - d) Adjust SCREEN VR to let the gray raster no larger than 0.12 FT-L.
- 5. White balance adjustment:
 - a) Input the mosaic pattern and set contrast SW to max...
 - b) Connect the probe of scope on G-Cathode.
 - c) Adjust VR261 to get G-color 110 CD/M².
 - d) Adjust VR231, VR201 to get the white pattern (9300K + 27 M.P.C.D)

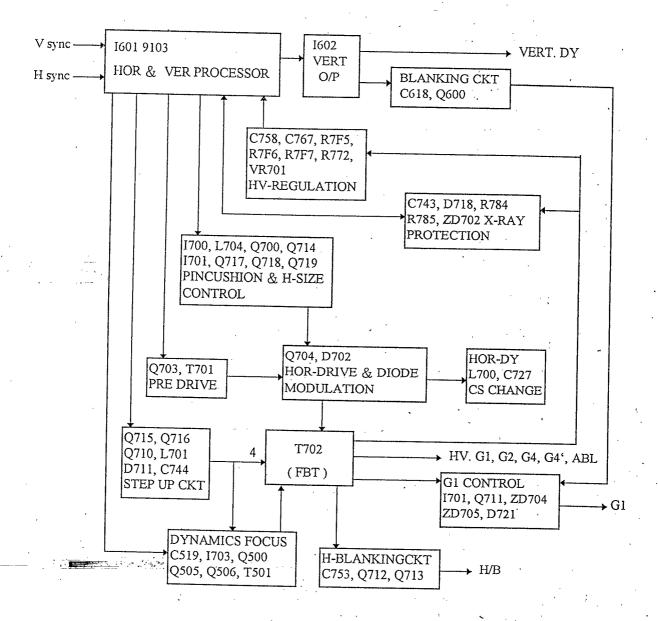
1. VIDEO DIAGRAM



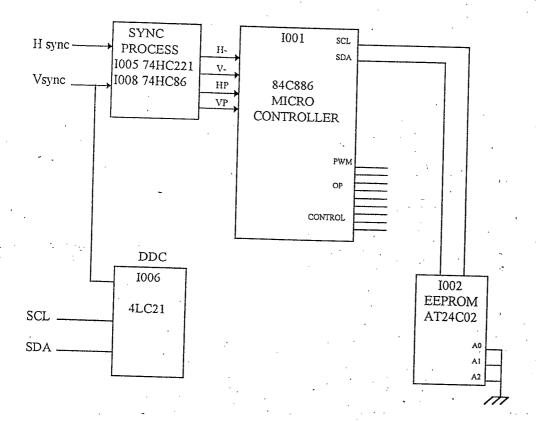
2. POWER BLOCK DIAGRAM



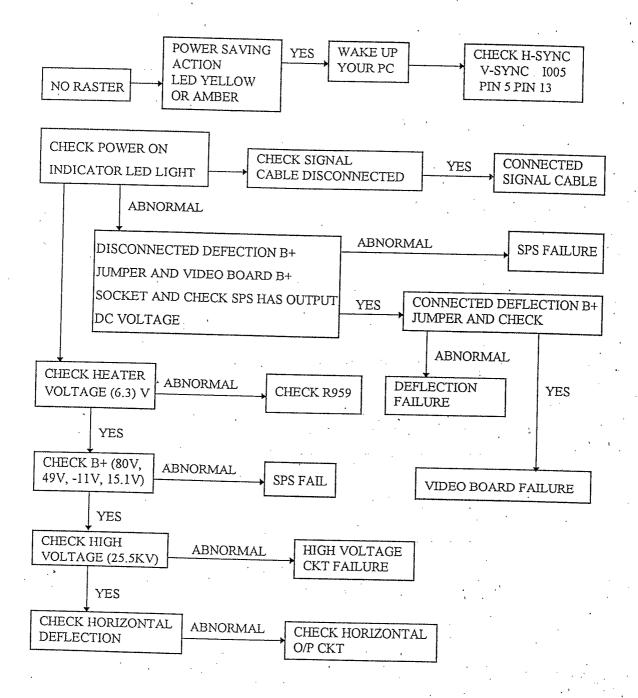
3. DEFLECTION

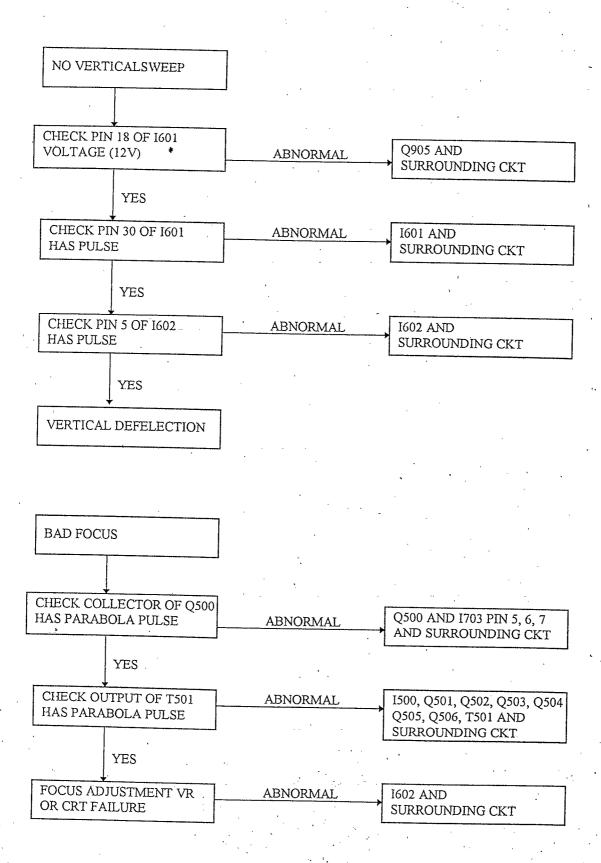


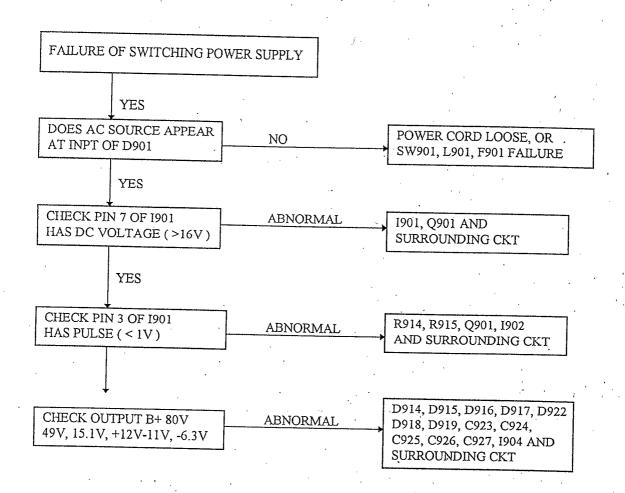
4. MICRO CIRCUIT BLOCK DIAGRAM

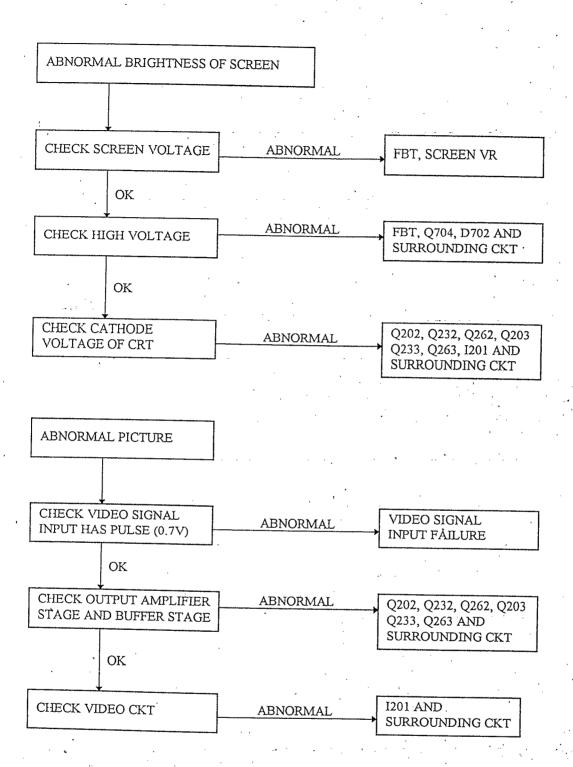


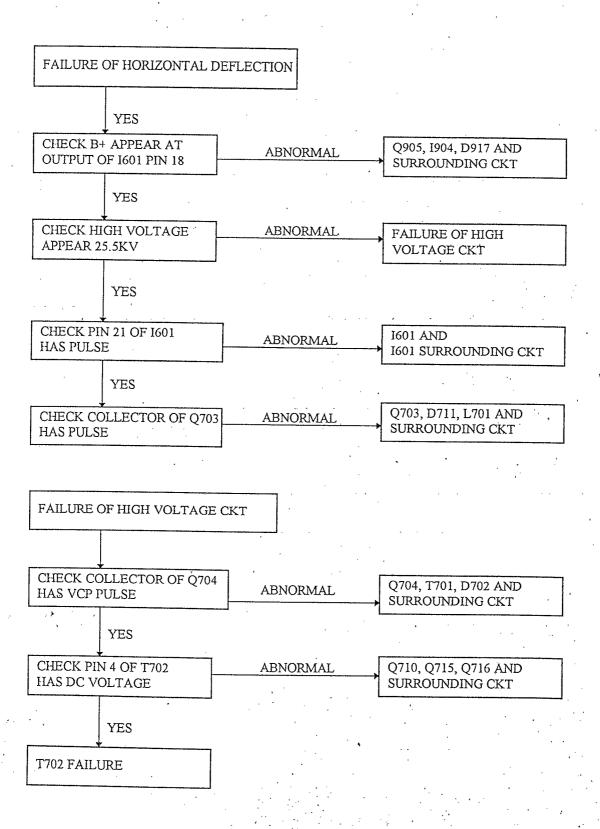
G. TROUBLE SHOOTING











```
GCABA1384D8F---
                            CAB-A
         GCABB1358D8F---
                            CAB-B
         QACC-1132D8D-D-
                            AC Cord (110V)
                                            {KM-711L/AL}
         QACC-1092D8D-D-
                            AC Cord(220V)
                                            {KM-711DL/DT}
         QCODS1167D8D---
                            Signal Cable
         QSOCP1312D8----
                            AC Inlet
         VCNCP0054-JJST-
                            3 Pin Plug
         VCNCP0024----A
                            4. Pin Plug
        QFSHC1002D8---A
                            Fuse Hold
        QPWB-2936D8----
                            Video Board
        QPWB-2937D8----
                            Main Board
        QPWB-2938D8----
                            OSD Control Panel Board
        QSOCC1346D8----
                            CRT Socket
        RCILG1049D8---L
                            Degauss Coil {KM-711L/AL/DL}
        RCILG1049D8---M
                            Degauss Coil {KM-711DT}
                            Tilt Coil
        RCILG1057D8---E
        SPAKA2467D8F---
                            Poly Foam
        SPAKC2489D8----
                            Carton
        VBM41LDE27XX21W
                            CRT
 B201
        QJUM-1045D8050-
                            Jumper
 3202
        RCORA1021D8--HU
                            Bead Core
 B231
        QJUM-1045D8050-
                            Jumper
 B232
        RCORA1021D8 -- HU
                            Bead Core
 B261
        QJUM-1045D8050-
                            Jumper
 B262
        RCORA1021D8--HU
                           Bead Core
 B301
        RCORA1021D8--HU
                           Bead Core
 B302
        RCORA1021D8--HU
                           Bead Core
        RCORAL018T8--SA
 B303
                           Bead Core
B303
        RCORA1018T8--HA
                           Second Source
B700
        RCORA1021D8--HU
                           Bead Core
B701
        RCORA1018T8---A
                           Bead Core
B901
        RCORA1021D8--HU
                           Bead Core
        QJUM-1045D8100-
B902
                           Jumper
B903
        RCORA1021D8--HU
                           Bead Core
B904
        RCORA1018T8--S-
                           Bead Core
B905..
       RCORA1018T8--S-
                           Bead Core
C001
        VCSFDU1HY104Z-P
                           .1 uF, 50V, +80%-20%, Ceramic
C002
        VCLEET1HT224M-U
                           .22 uF, 50V, 20%, Monolithic Capacitor
C003
        VCEACU1HG106M-P
                           10 uF, 50V,20%, Electrolytic
 1004
       VCSFDU1HY104Z-P
                           .1 uF, 50V, +80%-20%, Ceramic
C005
       VCEACU1EG107M-P
                           100 uF, 25V, 20%, Electrolytic
C006
       VCKFDU1HY103Z-P
                           .01 uF, 50V, +80%-20%, Ceramic
C007
       VCDSDU1HL561J-P
                           560 pF, 50V, 5%, Ceramic
C008
       VCDSDU1HL100D-P
                           10 pF, 50V, 0.5%, Ceramic
C009
       VCDSDU1HL100D-P
                           10 pF, 50V, 0.5%, Ceramic
C010
       VCEACU1HG105M-P
                           1 uF, 50V, 20%, Electrolytic
C011
       VCSFDU1HY104Z-P
                           1 uF, 50V, +80%-20%, Ceramic 1 uF, 50V, 20%, Electrolytic
C012
       VCEACU1HG105M-P
C013
       VCEACU1HG105M-P
                           1 uF, 50V, 20%, Electrolytic
C014
       VCEACU1HG105M-P
                           1 uF, 50V, 20%, Electrolytic
C015
       VCEACU1HG105M-P
                           1 uF, 50V, 20%, Electrolytic
C016
       VCEACU1HG105M-P
                           1 uF, 50V, 20%, Electrolytic
C017
       VCEACU1HG105M-P
                           1 uF, 50V, 20%, Electrolytic
C018
       VCEACU1HG105M-P
                           1 uF, 50V, 20%, Electrolytic
1 uF, 50V, 20%, Electrolytic
C020
       VCEACU1HG105M-P
C021
       VCSFDU1HY104Z-P
                           .1 uF, 50V, +80%-20%, Ceramic
C022
       VCSFDU1HY104Z-P
                           .1 uF, 50V, +80%-20%, Ceramic
C023
       VCKBDU1HY102K-P
                           1000 pF, 50V, 10%, Ceramic
C024
       VCSFDU1HY104Z-P
                          .1 uF, 50V, +80%-20%, Ceramic
C025
       VCDBDU1HY221K-P
                          220 pF, 50V, 10%, Ceramic
C026
       VCPEHU1HG102JNP
                          1000 pF, 50V, 5%, Polyester
C027
       VCEACU1HG225M-P
                          2.2 uF, 50V, 20%, Electrolytic
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C028 VCDSDU1HL561J-P 560 pF, 50V, 5%, Ceramic C030 VCKBDU1HY181K-P 180 pF, 50V, 10%, Ceramic 1500 pF, 50V, 10%, Ceramic C032 VCKBDU1HY152K-P C033 VCEACU1HG105M-P 1 uF, 50V, 20%, Electrolytic C034 VCDUDU1HY221J-P 220 pF, 50V, 5%, Ceramic C035 VCEACU1HG105M-P 1 uF, 50V, 20%, Electrolytic C130 VCKFDU2HY103Z-P .01 uF, 50V, +80%-20%, Ceramic 47 uF, 16V, 20%, Electrolytic C201 VCEACU1CG476M-P C202 VCKBDU1HY103K-P .01 uF, 50V, 10%, Ceramic VCSFDU1HY104Z-P C203 .1 uF, 50V, +80%-20%, Ceramic C204 VCEACU1HG105M-P 1 uF, 50V,20%, Electrolytic C205 VCKBDU1HY101K-P 100 pF, 50V, 10%, Ceramic C208 82 pF, 50V, 5%, Ceramic 68 pF, 50V, 5%, Ceramic VCDSDU1HL820J-P C209 VCDSDU1HL680J-P C210 VCDSDU1HL181J-P 180 pF, 50V, 5%, Ceramic 1 uF, 100V, 20%, Electrolytic C213 VCEACU2AG105M-P C214 VCMEHF2AG104K--.1 uF, 100V, 10%, Meta PP. C215 VCKBDU2HY222K-P 2200 pF, 500V, 10%, Ceramic 470 pF, 500V, 10%, Ceramic C217 VCKBDU2HY471K-P 47 uF, 16V, 20%, Electrolytic C231 VCEACU1CG476M-P C232 VCKBDU1HY103K-P .01 uF, 50V, 10%, Ceramic C233 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C234 VCEACU1HG105M-P 1 uF, 50V, 20%, Electrolytic T235 VCKBDU1HY101K-P 100 pF, 50V, 10%, Ceramic 120 pF, 50V, 5%, Ceramic 180 pF, 50V, 5%, Ceramic 1 uF, 100V, 20%, Electrolytic C238 VCDSDU1HL121J-P C240 VCDSDU1HL181J-P C243 VCEACU2AG105M-P C244 VCMEHF2AG104K--.1 uF, 100V, 10%, Meta PP. C245 2200 pF, 500V, 10%, Ceramic 470 pF, 500V, 10%, Ceramic 47 uF, 16V, 20%, Electrolytic VCKBDU2HY222K-P C247 VCKBDU2HY471K-P VCEACU1CG476M-P C261 C262 VCKBDU1HY103K-P .01 uF, 50V, 10%, Ceramic C263 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C264 VCEACU1HG105M-P 1 uF, 50V,20%, Electrolytic VCKBDU1HY101K-P C265 100 pF, 50V, 10%, Ceramic 120 pF, 50V, 5%, Ceramic 180 pF, 50V, 5%, Ceramic 1 uF, 100V, 20%, Electrolytic .1 uF, 100V, 10%, Meta PP. C268 VCDSDU1HL121J-P C270 VCDSDU1HL181J-P C273 VCEACU2AG105M-P C274 VCMEHF2AG104K--VCKBDU2HY222K-P C275 2200 pF, 500V, 10%, Ceramic 470 pF, 500V, 10%, Ceramic 470 uF, 25V, 20%, Electrolytic C277 VCKBDU2HY471K-P C301 VCEACF1EG477M--2303 VCEACF2AG476M--47 uF, 100V, 20%, Electrolytic C304 VCSFDU1HY104Z-P 1 uF, 50V, +80%-20%, Ceramic 1 uF, 50V, +80%-20%, Ceramic C305 VCSFDU1HY104Z-P C306 VCEACU1HG106M-P 10 uF, 50V, 20%, Electrolytic 47 uF, 16V, 20%, Electrolytic C307 VCEACU1CG476M-P C308 47 uF, 25V, 20%, Electrolytic 10 uF, 50V, 20%, Electrolytic VCEACU1EG476M-P C309 VCEACUIHG106M-P C310 VCDSDU1HL271J-P 270 pF, 50V, 5%, Ceramic C311 VCDSDU1HL560J-P 56 pF, 50V, 5%, Ceramic C312 VCEACF1EG476MI-47 uF, 25V, 20%, Electrolytic C313 VCEACU1HG106M-P 10 uF, 50V,20%, Electrolytic .01 uF, 50V, 10%, Ceramic 100 pF, 500V, 10%, Ceramic C314 VCKBDU1HY103K-P C315 VCKBDU2HY101K-P C316 1000 pF, 1KV, +80%-20%, Ceramic VCKBEF3AY102K--VCKBDU1HY103K-P C317 .01 uF, 50V, 10%, Ceramic C318 VCKBDU1HY471K-P. 470 pF, 50V, 10%, Ceramic C500 VCKBEF3AY102K--1000 pF, 1KV, +80%-20%, Ceramic C501 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic VCKBDU1HY102K-P C502 1000 pF, 50V, 10%, Ceramic C503 VCEACU1HH106MIP 10 uF, 50V,20%, Electrolytic C504 VCKBEF3AY101K--100 pF, 1KV, +80%-20%, Ceramic 47 uF, 25V, 20%, Electrolytic C505. VCEACU1EG476M-P C506 VCEACU1HG106M-P 10 uF, 50V,20%, Electrolytic

C507 VCKFDU2HY103Z-P .01 uF, 50V, +80%-20%, Ceramic C508 VCDSDU1HL820J-P 82 pF, 50V, 5%, Ceramic C509 VCPPBU2AK122J9P 1200 pF, 100V, 5%, Polyester 470 pF, 50V, 5%, Ceramic C510 VCDSDU1HL471J-P C511 VCMECU1JC105J9P 1 uF, 63V, 5%, Meta PP.
.1 uF, 50V,20%, Electrolytic C512 VCEACU1HG104M-P VCEACU1HG106M-P C513 10 uF, 50V, 20%, Electrolytic C514 VCPELU1HG103J-P .01 uF, 50V, 20%, Polyester C515 VCEACU1HG104M-P .1 uF, 50V,20%, Electrolytic C516 VCMECU1JC105J9P 1 uF, 63V, 5%, Meta PP. C517 VCEACU1HH475MIP 4.7 uF, 50V,20%, Electrolytic 100 uF, 50V,20%, Electrolytic C518 VCEACU1HH107MIP 470 pF, 1KV, +80%-20%, Ceramic VCKBEF3AY471K--C519 VCSFDU1HY104Z-P C601 .1 uF, 50V, +80%-20%, Ceramic C602 VCEACU1EG476M-P 47 uF, 25V, 20%, Electrolytic .1 uF, 50V, +80%-20%, Ceramic C603 VCSFDU1HY104Z-P VCMECU1JC224J9P C604 .22 uF, 63V, 5%, Meta PP. VCEACU1HG105M-P C605 1 uF, 50V,20%, Electrolytic C606 VCKFDU1HY103Z-P .01 uF, 50V, +80%-20%, Ceramic 47 uF, 25V, 20%, Electrolytic .01 uF, 50V, +80%-20%, Ceramic 100 pF, 50V, 10%, Ceramic 220 uF, 35V, 20%, Electrolytic C607 VCEACULEG476M-P C608 VCKFDU1HY103Z-P VCKBDU1HY101K-P C609 VCEACF1VG227M--C610 7612 VCEACF1CG108M--1000 uF, 16V, 20%, Electrolytic. C613 VCKFDU1HY103Z-P .01 uF, 50V, +80%-20%, Ceramic VCEACF1CG108M--1000 uF, 16V, 20%, Electrolytic C614 C615. VCKFDU1HY103Z-P .01 uF, 50V, +80%-20%, Ceramic .22 uF, 63V, 5%, Meta PP. C616 VCMECU1JC224J9P .01 uF, 50V, +80%-20%, Ceramic C617 VCKFDU2HY103Z-P VCEACU1HH105M-P C618 1 uF, 50V,20%, Electrolytic VCEACU1HG474M-P C619 .47 uF, 50V,20%, Electrolytic C620 VCEACU1EG226M-P 22 uF, 25V, 20%, Electrolytic C621 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C622 1 uF, 50V, +80%-20%, Ceramic 1 uF, 50V, +80%-20%, Ceramic 100 uF, 16V, 20%, Electrolytic VCSFDULHY104Z-P C623 VCSFDU1HY104Z-P VCEACU1CG107M-P C626 C7A0 VCSFDU1HY104Z-P l uF, 50V, +80%-20%, Ceramic 10 uF, 50V,20%, Electrolytic C7A1 VCEACU1HG106M-P 10 uF, 50V, 20%, Electrolytic C7A2 VCEACU1HG106M-P C7A3 VCPPBU2AK102J9P 1000 pf, 100V, 5%, Polyester VCPELU1HG472J-P C7A4 4700 pF, 50V, 5%, Polyester C7A5 VCPELU1HG472J-P 4700 pF, 50V, 5%, Polyester 1000 pF, 50V, 10%, Ceramic 220 uF, 16V, 20%, Electrolytic .17A6 VCKBDU1HY102K-P C7A7 VCEACU1CG227M-P C7A8 VCMEQX2AG225K--2.2 uF, 100V, 20%, Meta pp. C7A9 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C700 VCKBDU1HY332K-P 3300 pF, 50V, 10%, Ceramic C701 VCPPBU2AK561J9P 560 pF, 100V, 5%, Polyester C702 VCEACU1HG475M-P 4.7 uF, 50V,20%, Electrolytic C703 VCPELU1HG103J-P .01 uF, 50V, 20%, Polyester C704 VCPELU1HG103J-P .01 uF, 50V, 20%, Polyester C705 VCKFDU1HY103Z-P .01 uF, 50V, +80%-20%, Ceramic 220 uF, 16V, 20%, Electrolytic C706 VCEACU1CG227M-P C707 VCEACU1HG106M-P 10 uF, 50V, 20%, Electrolytic C708 VCPELU1HG332J-P 3300 pF, 50V, 20%, Polyester C710 VCEACU1HG105M-P 1 uF, 50V, 20%, Electrolytic C711 VCEACU1HG106M-P 10 uF, 50V,20%, Electrolytic C712 √VCKBDU2HY102K-P 1000 pF, 500V, 10%, Ceramic C713 VCEACF1JG107M--100 uF, 63V, 20%, Electrolytic C715 VCPELU1HG223J-P .022 uF, 50V, 20%, Polyester .22 uF, 63V, 5%, Meta PP. C716 VCMECU1JC224J9P C719 VCMPBF2JC472J--4700 pF, 630V, 5%, Meta PP. C721 VCEACU1HG106M-P 10 uF, 50V, 20%, Electrolytic C722 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C727 VCMPBF2EC434J9-.43 uF, 250V, 5%, Meta. PP.

C728 VCMPBF2EC105J9-1 uF, 250V, 5%, Meta. PP. C729 .27 uF, 250V, 5%, Meta. PP. .68 uF, 250V, 5%, Meta. PP. .01 uF, 50V, +80%-20%, Ceramic VCMPBF2EC274J9-C732 VCMPBF2EC684J9-C734 VCKFDU1HY103Z-P C736 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C737 VCKBDU2HY102K-P 1000 pF, 500V, 10%, Ceramic C738 VCEACU1EG107M-P 100 uF, 25V, 20%, Electrolytic C739 VCEACU1CG476M-P 47 uF, 16V, 20%, Electrolytic C741 VCEACF2EG106M--10 uF, 250V, 20%, Electrolytic C742 VCEACU1HG104M-P .1 uF, 50V,20%, Electrolytic 10 uF, 100V, 20%, Electrolytic 22 uF, 250V, 5%, Electrolytic 33 uF, 25V, 20%, Electrolytic C743 VCEACU2AG106M-P C744 VCEACFZEY226Y--C745 VCEACULEG336M-P C746 VCEACU1HG106M-P 10 uF, 50V, 20%, Electrolytic C747 VCKBDU1HY152K-P 1500 pF, 50V, 10%, Ceramic C749 VCKBDU1HY272K-P 2700 pF, 50V, 10%, Ceramic C750 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C751 VCEACF1JG107M--100 uF, 63V, 20%, Electrolytic C752 VCMEHF2EG684K--.68 uF, 250V, 10%, Meta PP. C753 680 pF, 500V, 10%, Ceramic VCKBDU2HY681K-P C754 VCKBDU2HY102K-P 1000 pF, 500V, 10%, Ceramic C756 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C757 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic 1 uF, 100V, 20%, Meta PP. 2758 VCMEHF2AG105J--C759 1 uF, 50V, +80%-20%, Ceramic .01 uF, 50V, +80%-20%, Ceramic VCSFDU1HY104Z-P C760 VCKFDU1HY103Z-P C764 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic C765 VCKFDF2EY223Z--.022 uF, 250V, +80%-20%, Cermer Capacitor C766 VCKBDU1HY102K-P 1000 pF, 50V, 10%, Ceramic C767 VCEACU1HG105M-P 1 uF, 50V,20%, Electrolytic C768 VCEACU1HG106M-P 10 uF, 50V, 20%, Electrolytic C769 VCKFDÜ1HY103Z-P .01 uF, 50V, +80%-20%, Ceramic C772 VCDSDU1HL201J-P 200 pF, 50V, 5%, Ceramic C773 VCSFDU1HY104Z-P .1 uF, 50V, +80%-20%, Ceramic .1 uF, 50V; +80%-20%, Ceramic .1 uF, 50V, +80%-20%, Ceramic C7.74 VCSFDU1HY104Z-P C775 VCSFDU1HY104Z-P C777 VCKBDU2HY332K-D 3300 pF, 500V, 10%, Ceramic C777A VCKBDU2HY332K-D 3300 pF, 500V, 10%, Ceramic .22 uF, 250V, 20%, Meta PP. C901 VCMEBF7EG224MX2 C901 VCMEBF7EG224MX1 .22 uF, 250V, 20%, Meta PP. Second Source C902 VCKFDF7BY222MX3 2200 pF, 125V, 20%, Ceramic C903 VCKFDF7BY222MX3 2200 pF, 125V, 20%, Ceramic .22 uF, 250V, 20%, Meta PP. 1904 VCMEBF7EG224MX2 C904 VCMEBF7EG224MX1 .22 uF, 250V, 20%, Meta pp. Second Source 330 uF, 400V, 20%, Electrolytic C905 VCEALS2GY337M--.01 uF, 500V, +80%-20%, Ceramic ·C906, VCKFDU2HY103Z-P VCKBEF3AY221K--C907 220 pF, 1KV, +80%-20%, Ceramic C909 VCKBDU2HY222K-P 2200 pF, 500V, 10%, Ceramic ic C910 .01 uF, 50V, +80%-20%, Ceramic 47 uF, 35V, 20%, Electrolytic VCKFDU1HY103Z-P C911 VCEACU1VG476M-P C912 VCKBDU1HY472K-P 4700 pF, 50V, 10%, Ceramic 4700 pF, 100V, 5%, Polyester 1 uF, 50V, 20%, Electrolytic C913 VCPPBU2AK472J9P C914 VCEACU1HG105M-P C915 VCKBDU1HY102K-P 1000 pF, 50V, 10%, Ceramic 470 pF, 50V, 10%, Ceramic C916 VCKBDU1HY471K-P C917 VCKBDU1HY102K-P 1000 pF, 50V, 10%, Ceramic C918 VCEACU1EH336MIP 33 uF, 25V, 20%, Electrolytic ,C922 VCKFDU2HY103Z-P .01 uF, 50V, +80%-20%, Ceramic 220 uF, 100V, 20%, Electrolytic 680 uF, 100V, 20%, Eltctrilytic 2200 uF, 25V, 20%, Electrolytic 2200 uF, 16V, 20%, Electrolytic 2200 uF, 16V, 20%, Electrolytic 2200 uF, 16V, 20%, Electrolytic C923 VCEACF2AH227MI-C924 VCEACF2AG687M--C925 VCEACF1EG228M--C926 VCEACF1CG228MI-C927 VCEACF1CG228MI-C928 VCKFDF7BY222MX3 2200 pF, 125V, 20%, Ceramic C929 VCKFDF7BY222MX3 2200 pF, 125V, 20%, Ceramic

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C932
        VCEACU1CH227MIP
                           220 uF, 16V, 20%, Electrolytic
 C933
        VCKFDU1HY103Z-P
                           .01 uF, 50V, +80%-20%, Ceramic
 C935
        VCEACU1HG474M-P
                           .47 uF, 50V, 20%, Electrolytic
 C936
        VCKBEF3AY221K--
                          220 pF, 1KV, +80%-20%, Ceramic
 C937
        VCKFDF7BY222MX3
                          2200 pF, 125V, 20%, Ceramic
 D003
        VSD1N4148----U
                          Protect Diode
 D004
        VSPL59YGC118L--
                          Power LED
 D005
        VSD1N4148----U
                          General Diode
 D006
        VSD1N4148----U
                          General Diode
 D007
        VSD1N4148----U
                          General Diode
 D008
        VSD1N4148----U
                          General Diode
 D009
        VSD1N4148----U
                          General Diode
 D010
        VSD1N4148----IJ
                          General Diode
 D011
        VSD1N4148----U
                          General Diode
 D012
        VSD1N4148----U
                          General Diode
 D013
        VSD1N4148----U
                          General Diode
 D014
        VSD1N4148----U
                          General Diode
 D015
        VSD1N4148----U
                          General Diode
 D017
        VSD1N4148----U
                          General Diode
 D020
        VSD1N4148----U
                          General Diode
 D200
        VSD1N4148----U
                          General Diode
 D201
        VSD1N4531----U
                          General Diode
D203
        VSD1N4148----U
                          General Diode
 :0204
        VSD1N4148----U
                          General Diode
 D205
        VSD1N4148----U
                          General Diode
 D206
        VSD1SS83----U
                          General Diode
 D208
       VSD1N4148----U
                          General Diode
       VSD1N4148----U
 D230
                          General Diode
       VSD1N4531----U
D231
                          General Diode
D233
       VSD1N4148----U
                          General Diode
D234
       VSD1N4148----U
                          General Diode
D235
       VSD1N4148----II
                          General Diode
D236
       VSD1SS83----U
                          General Diode
D238
                          General Diode
       VSD1N4148----U
D260
       VSD1N4148----U
                         General Diode
D261
       VSD1N4531----U
                         General Diode
D263
       VSD1N4148----U
                         General Diode
D264
       VSD1N4148----U
                         General Diode
D265
       VSD1N4148----U
                         Protect Diode
D266
       VSD1SS83----U
                         General Diode
D268
       VSD1N4148----U
                         General Diode
D301
       VSD1N4148----U
                         General Diode
       VSD1N4148----U
J302
                         General Diode
D303
       VSD1N4148----U
                         General Diode
D304
       VSD1SS83----U
                         General Diode
D500
       VSDBYT52M----U
                         Rectifier Diode
D501
       VSD1N4148----U
                         General Diode
D502 .
       VSDBYT52D----U
                         General Diode
D503
       VSD1N4148----II
                         General Diode
D504
       VSD1N4148----U
                         General Diode
D505 .
       VSD1N4148----U
                         General Diode
D506
       VSD1N4148----U
                         General Diode
D600
       VSD1N4001----U
                         General Diode
D701
       VSDUF4001----IJ
                         General Diode
D702
       VSDBYT86-800---
                         Modultion Diode
D703
       VSDRGP10M----U
                         Rectified Diode
D704
       VSDRGP10M----U
                         Rectified Diode,
D705
      VSDRGP10M----U
                         Rectified Diode
       VSD1N4148----U.
D706
                         General Diode
D707
       VSD1N4148----U
                         General Diode
D708
       VSD5TUZ47---D-
                         Modultion Diode
D709
       VSDRGP10M----U
                         Rectified Diode
D710
       VSDRGP10M----U
                         Rectified Diode
D711
       VSD31DF2----
                         Rectifier Diode
       VSD1N4148----U General Diode
D714
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D715
         VSD1N4148----U.
                           General Diode
 D716
         VSD1N4148----IJ
                           General Diode
 D717
         VSD1N4148----IJ
                           General Diode
         VSDRGP10G----U
 D718
                           Rectified Diode
 D719
         VSD1N4148-----
                           General Diode
 D720
        VSDRGP10G----U
                           Rectified Diode
 D721
        VSDRGP10G----U
                           Rectified Diode
 D723
        VSD1N4148----U
                           General Diode
 D725
        VSD1N4148----U
                           General Diode
 D730
        VSD1N4148----U
                           General Diode
 D731
        VSD1N4148----U
                           General Diode
 D733
        VSD1N4148----U
                           General Diode
 D734
        VSD1N4531----U
                           General Diode
 D735
        VSD1N4148----U
                           General Diode
 D736
        VSD1N4148----U
                           General Diode
 D737
        VSD1N4148----U
                           General Diode
 D738
        VSD1N4148----U
                           General Diode
 D740
        VSD1N4148----U
                           General Diode
 D741
        VSD1N4148----U
                           General Diode
 D742
        VSD1N4002----U
                           General Diode
 D901
        RSRCB1048D8----
                           Power Rectifier Diode
 D905
        VSDBYV26E----U
                           Rectified Diode
 D907
        VSDLYHER104---U
                          Rectified Diode
 2908
        VSD1N4148----U
                          General Diode
 D909
        VSD1N4148----U
                           General Diode
        VSD1N4148-----Ü
 D910
                          General Diode
 D911
        VSD1N4148----U
                          General Diode
 D912
        VSD1N4148----U
                          General Diode
 D913
        VSD1N4148----U
                          General Diode
 D914
        VSDLYHER207---II
                          Rectified Diode
 D915
        VSDLYHER306---H
                          Rectified Diode
 D916
        VSDLYHER306---H
                          Rectified Diode
D917
        VSDLYHER303---H
                          Rectified Diode
D918
        VSDLYHER303---H
                          Rectified Diode
D919
        VSDLYHER303---H
                          Rectified Diode
F901
        QFS-D402SD82XH-
                          250V, 4A Fuse Fast
GND
        VCNCP4201----U
                          1 Pin Plug
G2
       VCNCP4201----U
                          1 Pin Plug
I001
       VSI84C886D7A-3-
                          CPU
I002
       VSI24LC02BP----
                          EE PROM
I003
       VSIMC7805CT----
                          5V Regulator IC
T004
       ·VSILM324N----T-
                          Operational Amp. IC
 004
       VSILM324N----
                          Second Source .
I005
       VSI74HC221P--H-
                          Duty Control IC
I006
       VSI24LC21----
                          DDC E PROM
I007
       VSIKIA7045P---P
                          Reset IC
1008
       VSISN74HC86N-T-
                          H/V Sync. Processor IC
I201
       VSIAN93B06K--6-
                          Video Pre-Amp IC
I500
       VSIHC5238----
                          Operational Amp. IC
I601
       VSISTV7778---Y-
                          H-Preamplifier IC
I602
       VSITDA8172----
                          Vertiacal Deflection
I700
       VSI74LS221----
                          H-Size Control IC
·I701
       VSILM324N---T-
                          Operational Amp. IC
I701
       VSILM324N----
                          Second Source
I702
       VSILM358N----
                          Operational Amp. IC
I703
       VSILM358N----
                          Operational Amp. IC
I901
       VSIKA3842A---8-
                          Power Control IC
I902
      VSPTLP721F-GRD-
                          Phto Coupler
I903
       VSIKA431AZ---8P
                         Triac
I904
       VSIKA7812CT--8-
                          12V Regulator IC
       VL-EH2R2M0000-U
L200
                          Peaking Inductor 2.2 uH
L202
       VL-EHR82M0000-U
                          Peaking Inductor, .82 uH
L230
       VL-EH2R2M0000-U
                         Peaking Inductor 2.2 uH
L232
       VL-EHR82M0000-U
                         Peaking Inductor, .82 uH.
L260
       VL-EH2R2M0000-U
                         Peaking Inductor 2.2 uH :
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VL-EHR82M0000-U
  L262
                            Peaking Inductor, .82 uH
  L700
         RCILL1113D8----
                            H-Linear Coil
  L701
         RCHO-2685D8---A
                            Chock
  L703
         RCHO-2707D8----
                           Aux H-Linear Coil
  L704
         RCHO-2687D8----
                            Chock
  L705
         RCHO-1100D8-,---
                            Chock
  L901
         RCILF1085D8----
                           Line Filter
  L902
         RCILF1086D8----
                           Line Filter
  NR901
         VSHSCK105D8----
                           Thermistor
  POR901 VSQDGC2R9R0Q27-
                           PTC
  POR901 VSQ451A9R0Q27--
                           Second Source
 P002P
        VCNCP0908SEJST-
                           8 Pin Plug
 P201
        QCNCP4229-J----
                           9 Pin Plug
 P202
        VCNCP4239SE----
                           9 Pin Plug
 P203P
        VCNCP4238SE----
                           8 Pin Plug
 P701
        VCNCP0042-JJST-
                           2 Pin Plug
 P702
        VCNCP4113SJ----
                           3 Pin Plug
 Q001
        VST2SC1815Y---P
                           SW Transistor
 0002
        VST2SC1815Y---P
                           SW Transistor
 Q003
        VST2SC1815Y----P
                           SW Transistor
 Q004
        VST2SC1815Y---P
                           SW Transistor
        VST2SC1815Y---P
 Q005
                           SW Transistor
 Q006
        VST2SC1815Y---P
                           SW Transistor
 2007
        VST2SC1815Y---P
                           SW Transistor
 Q008
        VST2SC1815Y---P
                           SW Transistor
 Q009
        VST2SC1815Y---P
                           SW Transistor
 0010
        VST2SC1815Y---P
                           SW Transistor
 Q011
        VST2SC1815Y---P
                           SW Transistor
 Q012
        VST2SC1815Y---P
                           SW Transistor
 Q200
        VST2SC3611---6-
                           Vider Output Driver Transistor
        VSTMPS3646----P
 Q201
                           Pre-Drive Transistor
 0202
        VST2SC2631---6P
                          .Buffer Transistor
 Q203
        VST2SB716D---HP
                          Buffer Transistor
 Q204
        VST2SC1906---P
                          OSD Pre-Drive Transistor
 Q206
        VST2SC3811QR-6P
                          OSD Blanking Control Transistor
 Q230
        VST2SC3611---6-
                          Vider Output Driver Transistor
 Q231
        VSTMPS3646---P
                          Pre-Drive Transistor
 0232
        VST2SC2631---6P
                          Buffer Transistor or
 Q233
        VST2SB716D---HP
                          Buffer Transistor
Q234
        VST2SC1906----P
                          OSD Pre-Drive Transistor
        VST2SC3811QR-6P
Q236
                          OSD Blanking Control Transistor
2260
        VST2SC3611---6-
                          Vider Output Driver Transistor
 2261
       VSTMPS3646---P
                          Pre-Drive Transistor
Q262
       VST2SC2631---6P
                          Buffer Transistor or
Q263
       VST2SB716D---HP
                          Buffer Transistor
0264
       VST2SC1906---P
                          OSD Pre-Drive Transistor
Q266
      . VST2SC3811QR-6P
                          OSD Blanking Control Transistor
Q301
       VST2SC1815Y---P
                          ABL Control Transistor
Q301
       VST2SC1815Y--8P
                          Second Source
Q302
       VST2SC1815Y---P
                          Blanking Control Transistor
Q302
       VST2SC1815Y--8P
                          Second Source
Q500
       VST2SC3675----
                          V-Dynamics Focus Amp. Transistor
Q501
       VST2SA673C---P
                          Buffer Transistor ...
Q502
       VST2SC1815Y---P
                          SW Transistor
Q503
       VST2SC1815Y---P
                          SW Transistor
Q504
       VSTMPSA06----MP
                          SW Transistor
Q505
       VST2SD1138C----
                          H-Dynamics Focus Amp. Transistor
Q506
      VST2SB861C----
                          H-Dynamics Focus Amp. Transistor
Q600
       VSTMPSA06----MP
                          Blanking Transistor
Q700
       VST2N7000----P
                         SW Mos
Q701
       VST2SC1213C---P.
                         Buffer Transistor
Q703
       VST2SD669AC----
                         Buffer Transistor
Q704
       VSTBU2527AF--3-
                         H-Output Driver
Q710
       VST2SK1221---V-
                         Step Up MOS
Q711
       VST2SB716D---HP.
                         SW Transistor
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0712
         VSTMPSA06---MP
                            Blanking Transistor
  Q713
         VSTMPSA06----MP
                            Blanking Transistor
  Q714
         VST2SA673C---P
                            Buffer Transistor
  0715
         VST2SC1213C---P
                            Buffer Transistor
  Q716
         VST2SA673C---P
                            Buffer Transistor
  Q717
         VST2SD669AC----
                            H-Size Control Transistor
  0718
         VST2SB716D---HP
                            SW Transistor
  Q719
         VST2SB861C----
                            H-Size Control Transistor
  Q721
         VSTIRF630---8-
                            SW MOS
  Q722
         VST2SC1815Y---P
                            SW Transistor
 Q723
         VSTIRE630---8-
                            SW MOS
 Q724
         VST2SC1162C----
                            Buffer Transistor
 Q725
         VST2SA715C----
                            Buffer Transistor
 Q726
         VST2SC1815Y---P
                            SW Transistor
 Q727
        VSTDTC114ES--RP
                            SW Transistor
 Q901
        VST2SK2648-01V-
                            Power MOS Switch Transistor
 Q902
        VST2SC1815Y---P
                            SW Transistor
 Q903
        VST2SC1815Y---P
                            SW Transistor
 0905
        VST2SB857C----
                            SW Transistor
 0906
        VST2SC1815Y---P
                            SW Transistor
 Q907
        VSTDTC114ES--RP
                            SW Transistor
 Q908
        VST2SA1015Y---P
                            P-N-P Transistor
 Q909
        VST2SC1162C----
                            SW Transistor
 RL701
        RRLYD1078D8DZJ-
                            Cs Relay
~ RL901
        RRLYD1076D8DZJ-
                           Degauss Relay
 ROA1
        VRMPTV4 - - 473J-U
                            47K ohm, 1/4W, 5%, Metal Film
 R0A2
        VRMPTV4 - - 103J-U
                            10K ohm, 1/4W, 5%, Metal Film
        VRMPTV4--513J-U
 ROA3
                           51K Ohm, 1/4W, 5%, Metal Film
 ROA5
        VRMPTV4--473J-U
                           47K ohm, 1/4W, 5%, Metal Film
 ROA6
        VRMPTV4--102J-U
                           1K ohm, 1/4W, 5%, Metal Film
 R001
        VRMPTV4--106J-U
                           10M ohm, 1/4W, 5%, Metal Film
 R002
        VRMPTV4--565J-U
                           5.6M ohm, 1/4W, 5%, Metal Film
        VRMPTV4--133J-U
                           13K ohm, 1/4W, 5%, Metal Film
 R003
        VRMPTV4--101J-U
                           100 ohm, 1/4W, 5%, Metal Film
 R004
 R005
        VRMPT'V4 - - 101J-U
                           100 ohm, 1/4W, 5%, Metal Film
 R006.
        VRMPTV4 - - 472J-U
                           4.7K ohm, 1/4W, 5%, Metal Film
 R007
        VRMPTV4 - - 472J-U
                           4.7K ohm, 1/4W, 5%, Metal Film
        VRMPTV4--103J-U
 R008
                           10K ohm, 1/4W, 5%, Metal Film
        VRMPTV4--103J-U
 R009
                           10K ohm, 1/4W, 5%, Metal Film
 R010
        VRMPTV4--103J-U
                           10K ohm, 1/4W,
                                           5%, Metal Film
 R011
        VRMPTV4--103J-U
                           10K ohm, 1/4W,
                                           5%, Metal Film
 R012
        VRMPTV4--103J-U
                           10K ohm, 1/4W, 5%, Metal Film
 2013
        VRMPTV4--103J-U
                           10K ohm, 1/4W,
                                           5%, Metal Film
R014
        VRMPTV4--103J-U
                           10K ohm, 1/4W, 5%, Metal Film
R015
        VRMPTV4--103J-U
                           10K ohm, 1/4W, 5%, Metal Film .
R016
        VRMPTV4 - - 103J-U
                           10K ohm, 1/4W, 5%, Metal Film
R017
        VRMPTV4--101J-U
                           100 ohm, 1/4W, 5%, Metal Film
R018
        VRMPTV4 - - 102J-U
                           1K ohm, 1/4W, 5%, Metal Film
R019
       VRMPTV4--472J-U
                           4.7K ohm, 1/4W, 5%, Metal Film
R020
        VRMPTV4--103J-II
                           10K ohm, 1/4W, 5%, Metal Film
R021
       VRMPTV4--102J-U
                           1K ohm, 1/4W, 5%, Metal Film
R022
       VRMPTV4--163J-U
                          16K ohm, 1/4W, 5%, Metal Film 47K ohm, 1/4W, 5%, Metal Film
R023
       VRMPTV4--473J-U
R024
       VRMPTV4--102J-U
                          1K ohm, 1/4W, 5%, Metal Film
R025
       VRMPTV4--303J-U
                          30K ohm, 1/4W, 5%, Metal Film
R026
       VRMPTV4--224J-U
                          220K ohm, 1/4W, 5%, Metal Film
       VRMPTV4--472J-U
R027
                          4.7K ohm, 1/4W, 5%, Metal Film
      ,VRMPTV4--473J-U
R028
                          47K ohm, 1/4W, 5%, Metal Film
R029
       VRMPTV4 - - 471J-U
                          470 ohm, 1/4W, 5%, Metal Film
R030
       VRMPTV4--471J-U
                          470 ohm, 1/4W, 5%, Metal Film
R031
       VRMPTV4--471J-U
                          470 ohm, 1/4W, 5%, Metal Film
R032
       VRMPTV4--471J-U
                          470 ohm, 1/4W, 5%, Metal Film
R033
       VRMPTV4--471J-U
                          470 ohm, 1/4W, 5%, Metal Film
R034
       VRMPTV4--4.73J-U
                          47K ohm, 1/4W, 5%, Metal Film
       VRMPTV4--472J-U
R035
                          4.7K Ohm, 1/4W, 5%, Metal Film
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R036 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film 10K ohm, 1/4W, 5%, Metal Film 10K ohm, 1/4W, 5%, Metal Film R037 VRMPTV4 - - 103J-U R038 VRMPTV4--103J-U R039 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R040 VRMPTV4--101J-U 100 ohm, 1/4W, 5%, Metal Film R041 VRMPTV4--101J-U 100 ohm, 1/4W, 5%, Metal Film R042 VRMPTV4 - - 101J-U 100 ohm, 1/4W, 5%, Metal Film VRMPTV4--101J-U R043 100 ohm, 1/4W, 5%, Metal Film 22K ohm, 1/4W, 5%, Metal Film R044 VRMPTV4--223J-U VRMPTV4 - - 183J-U 18K ohm, 1/4W, 5%, Metal Film R045 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R046 R047 VRMPTV4 - - 471J-U. 470 ohm, 1/4W, 5%, Metal Film R048 VRMPTV4--392J-U 3.9K ohm, 1/4W, 5%, Metal Film R049 VRMPTV4 - - 471J-U 470 ohm, 1/4W, 5%, Metal Film R050 VRMPTV4 - - 473J-U 47K ohm, 1/4W, 5%, Metal Film R051 VRMPTV4 - - 471J-U 470 ohm, 1/4W, 5%, Metal Film 470 ohm, 1/4W, 5%, Metal Film R052 VRMPTV4 - - 471J-U 100 ohm, 1/4W, 5%, Metal Film R053 VRMPTV4--101J-U R054 VRMPTV4 - - 101J-U 100 ohm, 1/4W, 5%, Metal Film 100 ohm, 1/4W, 5%, Metal Film 100 ohm, 1/4W, 5%, Metal Film R055 VRMPTV4--101J-U R056 VRMPTV4 - - 101J-U R057 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal FilmR058 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film (059 VRMPTV4--303J-U 30K ohm, 1/4W, 5%, Metal Film 22K ohm, 1/4W, 5%, Metal Film R060 VRMPTV4 - - 223J - U. R061 VRMPTV4 - - 102J - U IK ohm, 1/4W, 5%, Metal Film R062 VRMPTV4 - - 103J-U 10K ohm, 1/4W, 5%, Metal Film VRMPTV4 - - 104J-U R063 100K ohm, 1/4W, 5%, Metal Film R064 VRMPTV4 - - 473J-U 47K ohm, 1/4W, 5%, Metal Film R065 VRMPTV4 - - 753J-U 75K ohm, 1/4W, 5%, Metal Film R066 VRMPTV4--471J-U 470 ohm, 1/4W, 5%, Metal Film R067 VRMPTV4 - - 471J-U 470 ohm, 1/4W, 5%, Metal Film R068 VRMPTV4 - - 472J-U 4.7K ohm, 1/4W, 5%, Metal Film R069 VRMPTV4--472J-U 4.7K ohm, 1/4W, 5%, Metal Film R070 VRMPTV4--101J-U 100 ohm, 1/4W, 5%, Metal Film R071 VRMPTV4 - - 101J-U 100 ohm, 1/4W, 5%, Metal Film R072 VRMPTV4 - - 101J - U 100 ohm, 1/4W, 5%, Metal Film R073 47K ohm, 1/4W, 5%, Metal Film VRMPTV4--473J-U R074 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film R075 VRMPTV4 - - 102J-U 1K ohm, 1/4W, 5%, Metal Film R076 VRMPTV4 - - 471J-U 470 ohm, 1/4W, 5%, Metal Film R077 VRMPTV4 - - 471J-U 470 ohm, 1/4W, 5%, Metal Film 1078 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R079 VRMPTV4 - - 473J-U 47K ohm, 1/4W, 5%, Metal Film R080 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film. R082 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R083 VRMPTV4 - - 471J-U 470 ohm, 1/4W, 5%, Metal Film R084 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film R085 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film R086 VRMPTV4 - - 472J-U 4.7K ohm, 1/4W, 5%, Metal Film R087 VRMPTV4 -- 102J-U 1K ohm, 1/4W, 5%, Metal Film R088 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R089 VRMPTV4 - - 102J-U 1K ohm, 1/4W, 5%, Metal Film R090 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R091 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film R092 VRMPTV4--472J-U 4.7K ohm, 1/4W, 5%, Metal Film VRMPTV4--153J-U R093 15K ohm, 1/4W, 5%, Metal Film R094 QJUM-1045D8100-Jumper R095 VRMPTV6--331J-U 330 ohm, 1/6W, 5%, Metal Film R096 VRMPTV4 - - 103J - U 10K ohm, 1/4W, 5%, Metal Film R097 10K ohm, 1/4W, 5%, Metal Film VRMPTV4--103J-U R098 VRMPTV6--221J-U 220 ohm, 1/6W, 5%, Metal Film R099 VRMPTV4 - - 224J-U 220K ohm, 1/4W, 5%, Metal Film R100 VRMPTV4 - - 104J-U 100K ohm, 1/4W, 5%, Metal Film R102 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film

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R103
         VRMPTV4 - - 472J-U
                            4.7K ohm, 1/4W, 5%, Metal Film
         VRMPTV4--103J-U
                            10K ohm, 1/4W, 5%, Metal Film
  R104
                            10K ohm, 1/4W, 5%, Metal Film
  R105
         VRMPTV4--103J-U
                            18K ohm, 1/6W, 5%, Metal Film
  R200
         VRMPTV6--183J-U
  R201
         VRMPTV6--750J-U
                            75 ohm, 1/6W, 5%, Metal Film
         VRMPTV6--242J-U
  R202
                            2.4K ohm, 1/6W, 5%, Metal Film
  R203
         VRMPTV4 - - 390J - U
                            39 ohm, 1/4W, 5%, Metal Film
 R204
         VRMPTV6--102J-U
                            1K ohm, 1/6W, 5%, Metal Film
 R205
         VRMPTV6--101J-U
                            100 ohm, 1/6W, 5%, Metal Film
 R206
         VRMPTV6--391J-U
                            390 ohm, 1/6W, 5%, Metal Film
                            22 ohm, 1/6W, 5%, Metal Film
 R207
         VRMPTV6--220J-U
 R208
        VRNMJ05--122J--
                            1.2K ohm, 5W, 5%, Metal Oxide Film
 R212
         QJUM-1045D8050-
                            Jumper
 R213
         VRMPTV6--270J-U
                            27 ohm, 1/6W, 5%, Metal Film
 R214
        VRMPTV6--101J-U
                            100 ohm, 1/6W, 5%, Metal Film
 R215
        VRMPTV4 - - 910J-U
                            91 ohm, 1/4W, 5%, Metal Film
        VRMPTV6---302J-U
                            3K ohm, 1/6W, 5%, Metal Film
 R216
                            22 ohm, 1/6W, 5%, Metal Film
22 ohm, 1/6W, 5%, Metal Film
        VRMPTV6--220J-U
 R217
 R218
        VRMPTV6--220J-U
                            1M ohm, 1/4W, 5%, Metal Film
 R220
        VRMPTV4 - - 105J-U
        VRMPTV6--101J-U
 R221
                            100 ohm, 1/6W, 5%, Metal Film
 R223
        VRMPTV4 - - 203J-U
                            20K ohm, 1/4W, 5%, Metal Film
 R226
        VRMPTV6--303J-U
                            30K ohm, 1/6W, 5%, Metal Film
                            100 ohm, 1/2W, 5%, Carbon Compostion Resistor
 R227
        VRSPTV2--101J-U
~`R228
        VRMPTV6--122J-U
                            1.2K ohm, 1/6W, 5%, Metal Film
        VRMPTV4--102J-U
                           1K ohm, 1/4W, 5%, Metal Film
 R229
 R230
        VRMPTV6--183J-U
                           18K ohm, 1/6W, 5%, Metal Film
 R231
        VRMPTV6--750J-IJ
                            75 ohm, 1/6W, 5%, Metal Film
        VRMPTV6--242J-U
 R232
                            2.4K ohm, 1/6W, 5%, Metal Film
        VRMPTV4 - - 390J-U
 R233
                           39 ohm, 1/4W, 5%, Metal Film
 R234
        VRMPTV6--102J-U
                           1K ohm, 1/6W, 5%, Metal Film
        VRMPTV4--101J-U
 R235
                           100 ohm, 1/4W, 5%, Metal Film
 R236
        VRMPTV6--391J-U
                           390 ohm, 1/6W, 5%, Metal Film
 R237
        VRMPTV6--220J-U
                           22 ohm, 1/6W, 5%, Metal Film
 R238
        VRNMJ05--122J--
                           1.2K ohm, 5W, 5%, Metal Oxide Film,
R242
        QJUM-1045D8050-
                           Jumper
R243
        VRMPTV6--270J-U
                           27 ohm, 1/6W, 5%, Metal Film
R244
        VRMPTV6--101J-U
                           100 ohm, 1/6W, 5%, Metal Film
R245
        VRMPTV4 - - 910J - U
                           91 ohm, 1/4W, 5%, Metal Film 3K ohm, 1/6W, 5%, Metal Film
        VRMPTV6--302J-U
R246
R247
        VRMPTV6--220J-U
                           22 ohm, 1/6W, 5%, Metal Film
R248
        VRMPTV6--220J-U
                           22 ohm, 1/6W, 5%, Metal Film
 :250
        VRMPTV4--105J-U
                           1M ohm, 1/4W, 5%, Metal Film
R251
        VRMPTV6--101J-U
                           100 ohm, 1/6W, 5%, Metal Film
R253
        VRMPTV4--203J-U
                           20K ohm, 1/4W, 5%, Metal Film
R256
        VRMPTV6--303J-U
                           30K ohm, 1/6W, 5%, Metal Film
R257
       VRSPTV2--101J-U
                           100 ohm, 1/2W, 5%, Carbon Compostion Resistor
R258
       VRMPTV6--122J-U
                           1.2K ohm, 1/6W, 5%, Metal Film
R259
       VRMPTV6--101J-U
                           100 ohm, 1/6W, 5%, Metal Film
R260
       VRMPTV6--183J-U
                           18K ohm, 1/6W, 5%, Metal Film
R261
       VRMPTV6--750J-U
                           75 ohm, 1/6W, 5%, Metal Film
R262
       VRMPTV6--242J-U
                           2.4K ohm, 1/6W, 5%, Metal Film
R263
       VRMPTV4--390J-U
                           39 ohm, 1/4W, 5%, Metal Film
R264
       VRMPTV6--102J-U
                           1K ohm, 1/6W, 5%, Metal Film
R265
       VRMPTV6--101J-U
                           100 ohm, 1/6W, 5%, Metal Film
R266
                           390 ohm, 1/6W, 5%, Metal Film
       VRMPTV6--391J-U
R267
       VRMPTV4--220J-U
                           22 ohm, 1/4W, 5\%, Metal Film
R268
       √VRNMJ05--122J--
                           1.2K ohm, 5W, 5%, Metal Oxide Film
       VRMPTV6--270J-U
R273
                          27 ohm, 1/6W, 5%, Metal Film
R274
       VRMPTV6--101J-U
                          100 ohm, 1/6W, 5%, Metal Film
R275
                          91 ohm, 1/4W, 5%, Metal Film
       VRMPTV4--910J-U
       VRMPTV6--302J-U
R276
                          3K ohm, 1/6W, 5%, Metal Film
R277
       VRMPTV6--220J-U
                          22 ohm, 1/6W, 5%, Metal Film
                          22 ohm, 1/6W, 5%, Metal Film
R278
       VRMPTV6--220J-U
R280
       VRMPTV4--105J-U
                          1M ohm, 1/4W, 5%, Metal Film
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VRMPTV6--101J-U
 R281
                             100 ohm, 1/6W, 5%, Metal Film
 R283
        VRMPTV4 - - 203J-U
                             20K ohm, 1/4W, 5%, Metal Film
         VRMPTV6--303J-U
 R286
                             30K ohm, 1/6W, 5%, Metal Film
 R287
        VRSPTV2--101J-U
                             100 ohm, 1/2W, 5%, Carbon Compostion Resistor
                             1.2K ohm, 1/4W, 5%, Metal Film.
 R288
        VRMPTV4--122J-U
                             1K Ohm, 1/4W, 5%, Metal Film 10K Ohm, 1/4W, 5%, Metal Film
 R289
        VRMPTV4 - - 102J-U
 R300
        VRMPTV4 - - 103J-U
 R301
        VRCMTV2 - - 102J - U
                             1K ohm, 1/2W, 5%, Carbon Film
 R302
        VRCMTV2 - - 274J-U
                             270K ohm, 1/2W, 5%, Carbon Film
 R303
        VRMPTV4--304J-U
                             300K ohm, 1/4W, 5%, Metal Film m
        VRMPTV6--104J-U
 R304
                             100K ohm, 1/6W, 5%, Metal Film
 R305
        VRMPTV6--102J-U
                             1K ohm, 1/6W, 5%, Metal Film
                             47K ohm, 1/4W, 5%, Metal Film
 R306
        VRMPTV4--473J-U
                             39K ohm, 1/4W, 5%, Metal Film 470 ohm, 1/2W, 5%, Carbon Film
 R307
        VRMPTV4--393J-U
        VRCMTV2--471J-U
 R308
        VRMPŢV6--153J-U
 R309
                             15K ohm, 1/6W, 5%, Metal Film
        VRMPTV4--681J-U
 R310
                             680 ohm, 1/4W, 5%, Metal Film
 R311
        VRMPTV6--202J-U
                             2K ohm, 1/6W, 5%, Metal Film
 R312.
        VRMPTV6--101J-U
                             100 ohm, 1/6W, 5%, Metal Film 30K ohm, 1/6W, 5%, Metal Film
        VRMPTV6--303J-U
 R313
        VRMPTV6--101J-U
 R314
                             100 ohm, 1/6W, 5%, Metal Film
                             750 ohm, 1/4W, 5%, Metal Film
100 ohm, 1/2W, 5%, Carbon Compostion Resistor
 R317
        VRMPTV4 - - 751J-U
 R320
        VRSPTV2--101J-U
 321
        VRSPTV2--564J-U
                             560K ohm, 1/2W, 5%, Carbon Compostion Resistor:
−£500
        VRMPTV4 - - 104J-U
                             100K ohm, 1/4W, 5%, Metal Film
R501
        VRMPTV6--303J-U
                             30K ohm, 1/6W, 5%, Metal Film
 R502
        VRMPTV4--243J-U
                             24K ohm, 1/4W, 5%, Metal Film
R503
        VRMPTV6--393J-U
                             39K ohm, 1/6W, 5%, Metal Film
R504
        VRMPTV4 - - 103J-U
                             10K ohm, 1/4W, 5%, Metal Film
R505
        VRMPTV6--274J-U
                             270K ohm, 1/6W, 5%, Metal Film
                             6.8K ohm, 1/6W, 5%, Metal Film
R506
        VRMPTV6--682J-U
R507
        VRMPTV4 - - 391G-U
                             390 ohm, 1/4W, 2%, Metal Film
        VRCMTV2--274J-U
R508
                             270K ohm, 1/2W, 5%, Carbon Film
R509
        VRCMTV2 - - 274J-U
                             270K ohm, 1/2W, 5%, Carbon Film
R510
        VRCMTV2--564J-U
                             560K ohm, 1/2W, 5%, Carbon Film
R511
        VRCMTV2 - - 564J-U
                             560K ohm, 1/2W, 5%, Carbon Film
R512
        VRMPTV6--470J-U
                             47 ohm, 1/6W, 5%, Metal Film
R513
        VRMPTV.6 - - 273J-U
                             27K ohm, 1/6W, 5%, Metal Film
R514
        VRMPTV6--104J-U
                             100K ohm, 1/6W, 5%, Metal Film
R515
        VRMPTV6--103J-U
                             10K ohm, 1/6W, 5%, Metal Film
                            100K ohm, 1/6W, 5%, Metal Film
R516
        VRMPTV6--104J-U
R517
        VRMPTV6--332J-U
                            3.3K ohm, 1/6W, 5%, Metal Film
        VRMPIIV6 - - 473J-U
 ;518
                             47K ohm, 1/6W, 5%, Metal Film
` ⊀519
        VRMPTV6--182J-U
                             1.8K ohm, 1/6W, 5%, Metal Film
R520
        VRMPTV6--224J-U
                            220K ohm, 1/6W, 5%, Metal Film
R521
        VRMPTV4--470J-U
                            47 ohm, 1/4W, 5%, Metal Film
        VRMPTV4 - - 824J-U
R522
                             820K ohm, 1/4W, 5%, Metal Film
R5'23
        VRMPTV4--823J-U
                             82K ohm, 1/4W, 5%, Metal Film
R524
        VRMPTV6--392J-U
                             3.9K ohm, 1/6W, 5%, Metal Film
R525
        VRMPTV6--105J-U
                            1M ohm, 1/6W, 5%, Metal Film
R526
        VRMPTV6--103J-U
                            10K ohm, 1/6W, 5%, Metal Film
        VRMPTV6--222J-U
R528
                            2.2K ohm, 1/6W, 5%, Metal Film
22K ohm, 1/6W, 5%, Metal Film
R527
        VRMPTV6--223J-U
R529
        VRMPTV6--103J-U
                            10K ohm, 1/6W, 5%, Metal Film
R530
        VRMPTV4-1401F-U
                            1.4K ohm, 1/4W, 1%, Metal Film
                            8.2K ohm, 1/4W, 5%, Metal Film
3.3K ohm, 1/4W, 5%, Metal Film
39K ohm, 1/4W, 5%, Metal Film
R531
        VRMPTV4 - - 822J-U
R532
        VRMPTV4--332J-U
R533
       ,VRMPTV4--393J-U
R534
        VRMPTV4--393J-U
                            39K ohm, 1/4W, 5%, Metal Film
R535
        VRMPTV4--332J-U
                            3.3K ohm, 1/4W, 5%, Metal Film
R536
        VRMPTV4--332J-U
                            3.3K ohm, 1/4W, 5\%, Metal Film
R537
        VRFPKV2--100J--
                            10
                                 ohm, 1/2W, 5%, Fuse Resistor
R538
        VRFPKV2--100J--
                                 ohm, 1/2W, 5%, Fuse Resistor
                            10
                            82 ohm, 1W, 5%, Metal Oxide Film
R539
        VRNMK01--820J--
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1K ohm, 1/4W, 5%, Metal Film

A

R600

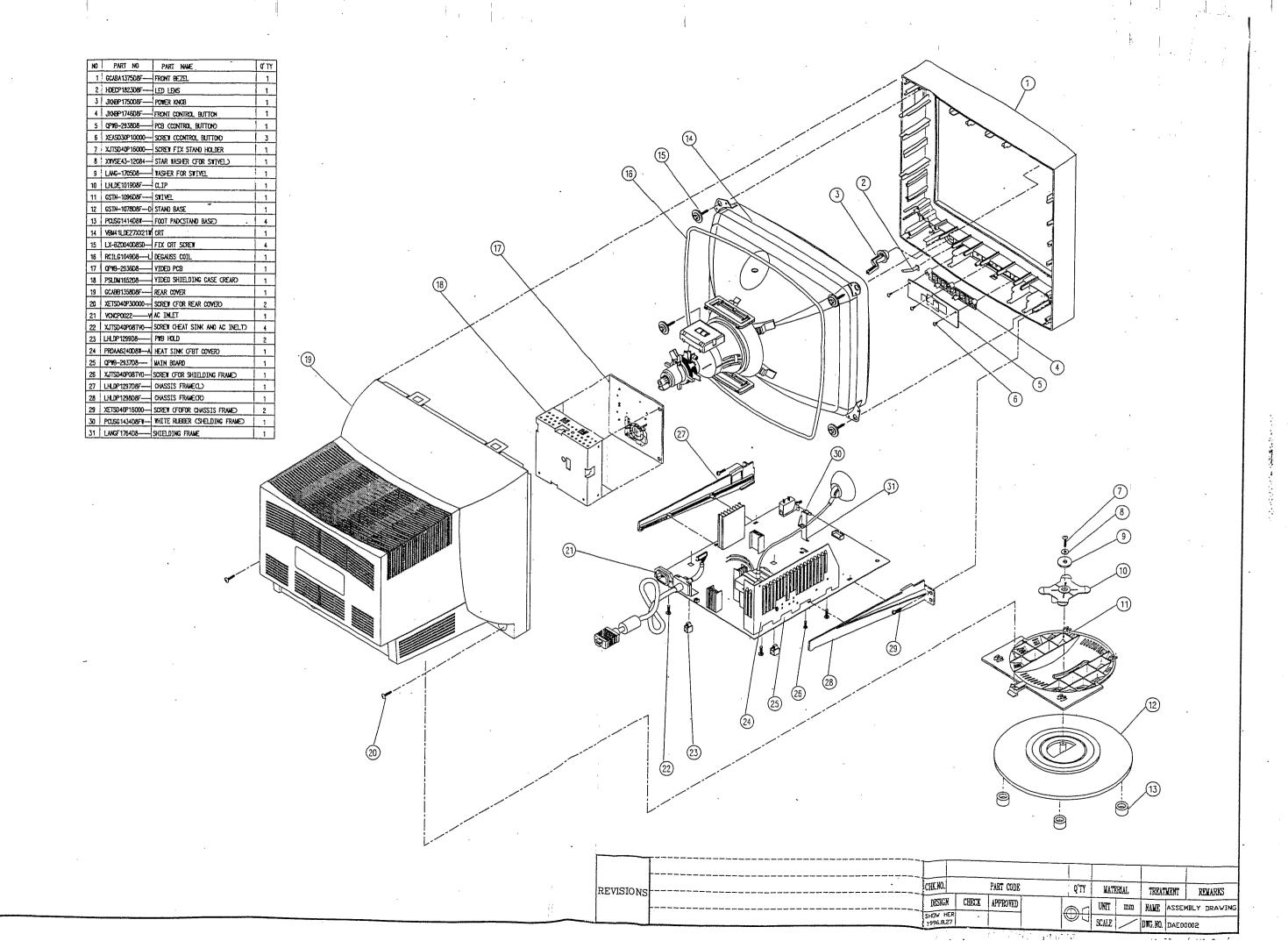
VRMPTV4 - - 102J-U

R601 VRMPTV4 - - 223J-U 22K ohm, 1/4W, 5%, Metal Film R602 VRMPTV4 - - 623J-U 62K ohm, 1/4W, 5%, Metal Film 33K ohm, 1/4W, 5%, Metal Film 62K ohm, 1/4W, 5%, Metal Film R604 VRMPTV4--333J-U VRMPTV4--623J-U R605 R606 VRMPTV4--274J-U 270K ohm, 1/4W, 5%, Metal Film R607 VRMPTV4-3602F-U 36K ohm, 1/4W, 1%, Metal Film R608 VRMPTV4-4892F-U 48.9K ohm, 1/4W, 1%, Metal Film R609 36K ohm, 1/4W, 1%, Metal Film VRMPTV4-3602F-U R610 VRMPTV4-2402F-U 24K ohm, 1/4W, 1%, Metal Film R611 VRMPTV4 - - 562J - U 5.6K ohm, 1/4W, 5%, Metal Film R612 VRMPTV4 - - 302J-U 3K ohm, 1/4W, 5%, Metal Film R613 VRMPTV4 - - 562J-U 5.6K ohm, 1/4W, 5%, Metal Film R614 VRMPTV4 - - 302J-U 3K ohm, 1/4W, 5%, Metal Film R615 VRCMTV2 - - 2R2J - U 2.2 ohm, 1/2W, 5%, Carbon Film VRFPK02--4R7J-U R617 4.7 ohm, 2W, 5%, Carbon Film R618 VRCMTV2--1R0J-U 1 ohm, 1/2W, 5%, Carbon Film 1.5 ohm, 1/2W, 5%, Carbon Film R619 VRCMTV2--1R5J-U 3.9K ohm, 1/2W, 5%, Carbon Film R620 VRCMTV2 - - 392J-U R621 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R622 110 ohm, 1/4W, 1%, Metal Film VRMPTV4-1100F-U VRMPTV4--222J-U R623 2.2K ohm, 1/4W, 5%, Metal Film VRCMTV2--2R2J-U R624 2.2 ohm, 1/2W, 5%, Carbon Film R7A0 VRMPTV4--104J-U 100K ohm, 1/4W, 5%, Metal Film 27A1 VRMPTV4--682J-U 6.8K ohm, 1/4W, 5%, Metal Film 680K ohm, 1/4W, 5%, Metal Film VRMPTV4--684J-U "R7A2 VRMPTV4--222J-U 2.2K ohm, 1/4W, 5%, Metal Film R7A3 R7A4 VRMPTV4--122J-U 1.2K ohm, 1/4W, 5%, Metal Film R7A5 1.1 K ohm, 1/4 W, 1%, Metal Film VRMPTV4-1101F-U R7A6 VRMPTV4--392J-U 3.9K ohm, 1/4W, 5%, Metal Film R7A7 VRMPTV4--221J-U 220 ohm, 1/4W, 5%, Metal Film R7A8 VRMPTV4 - - 222J-U 2.2K ohm, 1/4W, 5%, Metal Film R7A9 VRMPTV4 - - 104J - U 100K ohm, 1/4W, 5%, Metal Film R7C0 100K ohm, 1/2W, 5%, Carbon Film VRCMTV2--104J-U 10 ohm, 1/4W, 5%, Metal Film 47K ohm, 1/4W, 5%, Metal Film R7C1 VRMPTV4 - - 100J - U R7C2 VRMPTV4 - - 473J-U R7C3 VRMPTV4 - - 473J-U 47K ohm, 1/4W, 5%, Metal Film R7C4 VRMPTV4--202J-U 2K ohm, 1/4W, 5%, Metal Film R7C5 Jumper QJUM-1045D8100-R7C7 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film R7E0 VRMPTV4--393J-U 39K ohm, 1/4W, 5%, Metal Film R7E1 VRMPTV6--473J-U 47K ohm, 1/6W, 5%, Metal Film R7E2 VRMPTV4 - - 682J-U 6.8K ohm, 1/4W, 5%, Metal Film 7E3 15K ohm, 1/6W, 5%, Metal Film VRMPTV6--153J-U 10K ohm, 1/6W, 5%, Metal Film R7E4 VRMPTV6--103J-U R7E5 VRMPTV6--222J-U 2.2K ohm, 1/6W, 5%, Metal Film R7E6 VRCMTV2 - - 220J - U 22 ohm, 1/2W, 5%, Carbon Film R7E7 VRCMTV2--331J-U 330 ohm, 1/2W, 5%, Carbon Film R7E8 VRCMTV2--100J-U 10 ohm, 1/2W, 5%, Carbon Film VRMPTV4--273J-U R7F2 27K ohm, 1/4W, 5%, Metal Film R7F5 VRMPTV4 - - 824J-U 820K ohm, 1/4W, 5%, Metal Film R7F5A VRMPTV4 - - 474J-U 470K ohm, 1/4W, 5%, Metal Film 330K ohm, 1/4W, 5%, Metal Film R7F6 VRMPTV4--334J-U R7F7 VRMPTV4 - - 753J-U 75K ohm, 1/4W, 5%, Metal Film R7F9 VRCMTV2--100J-U 10 ohm, 1/2W, 5%, Carbon Film R701 VRMPTV4--223J-U 22K ohm, 1/4W, 5%, Metal Film R702 VRMPTV4--223J-U 22K ohm, 1/4W, 5%, Metal Film VRMPTV4--103J-U R704 10K ohm, 1/4W, 5%, Metal Film R705 ∵VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal FilmR706 VRMPTV4 - - 623J-U 62K ohm, 1/4W, 5%, Metal Film R707 VRMPTV4 - - 124J-U 120K ohm, 1/4W, 5%, Metal Film 220K ohm, 1/4W, 5%, Metal Film R711 VRMPTV4 - - 224J-U R712 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R713 VRMPTV4-7501F-U 7.5K ohm, 1/4W, 1%, Metal Film R714 VRMPTV4 - - 182J-U 1.8K ohm, 1/4W, 5%, Metal Film R715 VRMPTV4-1502F-U 15K ohm, 1/4W, 1%, Metal Film

R716 VRMPTV4-1802F-U 18K ohm, 1/4W, 1%, Metal Film R717 VRMPTV4-3602F-U 36K ohm, 1/4W, 1%, Metal Film R718 VRMPTV4-3602F-U 36K ohm, 1/4W, 1%, Metal Film R719 4.7K ohm, 1/4W, 5%, Metal Film VRMPTV4 - - 472J-U R720 120K ohm, 1/4W, 5%, Metal Film VRMPTV4 - - 124J-U 3.3K ohm, 1/4W, 5%, Metal Film 120K ohm, 1/4W, 5%, Metal Film R721 VRMPTV4 - - 332J-U VRMPTV4--124J-U R724 · R725 VRMPTV4 - - 102J - U 1K ohm, 1/4W, 5%, Metal Film R726 VRMPTV4 - - 472J-U 4.7K ohm, 1/4W, 5%, Metal Film R727 VRMPTV4 - -822J-U 8.2K ohm, 1/4W, 5%, Metal Film R728 VRMPTV4--273J-U 27K ohm, 1/4W, 5%, Metal Film 4.7K ohm, 1/4W, 5%, Metal Film R729 VRMPTV4 - - 472J - U 6.8K ohm, 1/4W, 5%, Metal Film R730 VRMPTV4 - - 682J-U R731 VRMPTV4 - - 103J - U 10K ohm, 1/4W, 5%, Metal Film VRMPTV4 - - 4.72J-U R732 4.7K ohm, 1/4W, 5%, Metal Film R733 VRMPTV4 - - 913J-U 91K ohm, 1/4W, 5%, Metal Film R734 VRMPTV4 - -.303J-U 30K ohm, 1/4W, 5%, Metal Film R735 VRMPTV4--243J-U 24K ohm, 1/4W, 5%, Metal Film R736 VRMPTV4 - - 123J-U 12K ohm, 1/4W, 5%, Metal Film R737 VRMPTV4--102J-U. 1K ohm, 1/4W, 5%, Metal Film VRMPTV4 - - 103J-U 10K ohm, 1/4W, 5%, Metal Film R738 10K ohm, 1/4W, 5%, Metal Film R739 VRMPTV4--103J-U R740 VRMPTV4--101J-U 100 ohm, 1/4W, 5%, Metal Film .741 47K ohm, 1/4W, 5%, Metal Film VRMPTV4--473J-U R742 VRMPTV4--102J-U $1K ext{ ohm}, 1/4W, 5%, Metal Film$ VRMPTV4--100J-U R744 10 ohm, 1/4W, 5%, Metal Film R745 VRMPTV6--471J-U 470 ohm, 1/6W, 5%, Metal Film 560 ohm, 1/2W, 5%, Carbon Film
33K ohm, 2W, 5%, Metal Oxide Film
680 ohm, 1/4W, 5%, Metal Film R746 VRCMTV2--561J-U R747 VRNMK02--333J--R748 VRMPTV4--681J-U R750 VRMPTV4--332J-U 3.3K ohm, 1/4W, 5%, Metal Film R751 VRNMK05--391J--390 ohm, 5W, 5%, Metal Oxide Film R752 VRNMK02--1R2J--1.2 ohm, 2W, 5%, Metal Oxide Film VRCMTV2--5R6J-U R753 5.6 ohm, 1/2W, 5%, Carbon Film R754 VRMPTV4 - - 220J-U 22 ohm, 1/4W, 5%, Metal Film VRMPTV4--472J-U R755 4.7K ohm, 1/4W, 5%, Metal Film R756 VRMPTV4 - - 223J-U 22K ohm, 1/4W, 5%, Metal Film R757 VRMPTV4 - - 560J-U 56 ohm, 1/4W, 5%, Metal Film R758 VRMPTV4 - - 224J - U 220K ohm, 1/4W, 5%, Metal Film R759 VRCMTV2 - - 471J-U 470 ohm, 1/2W, 5%, Carbon Film ·VRMPTV4--100J-U R760 10 ohm, 1/4W, 5%, Metal Film R761 VRMPTV4 - - 473J - U 47K ohm, 1/4W, 5%, Metal Film 762 VRCMTV2--104J-U 100K ohm, 1/2W, 5%, Carbon Film R763 VRNMK02--220J--22 ohm, 2W, 5%, Metal Oxide Film R764 VRMPTV4--100J-U 10 ohm, 1/4W, 5%, Metal Film R765 VRMPTV4 - - 223J-TJ 22K ohm, 1/4W, 5%, Metal Film R766 2K ohm, 1/4W, 5%, Metal Film 1K ohm, 1/4W, 5%, Metal Film VRMPTV4 - - 202J - U R767 VRMPTV4--102J-U R768 VRMPTV4--104J-U 100K ohm, 1/4W, 5%, Metal Film R769 VRMPTV4 - - 331J-U 330 ohm, 1/4W, 5%, Metal Film R771 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film R772 VRMPTV4--563J-U 56K ohm, 1/4W, 5%, Metal Film R773 VRMPTV4-3602F-U 36K ohm, 1/4W, 1%, Metal Film R774 VRMPTV4-3602F-U 36K ohm, 1/4W, 1%, Metal Film R775 VRMPTV4--105J-U 1M ohm, 1/4W, 5%, Metal Film R776 VRMPTV4 - - 472J-U 4.7K ohm, 1/4W, 5%, Metal Film R777 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film R778 VRMPTV4--563J-U 56K ohm, 1/4W, 5%, Metal Film R779 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film R780. VRMPTV4--302J-U 3K ohm, 1/4W, 5%, Metal FilmR781 VRMPTV4--822J-U 8.2K ohm, 1/4W, 5%, Metal Film R782 VRMPTV4--104J-U 100K ohm, 1/4W, 5%, Metal Film VRMPTV4-3012F-U R784 30.1K ohm, 1/4W, 1%, Metal Film VRMPTV4-4991F-U R785 4.99K ohm, 1/4W, 1%, Metal Film R786 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film

R787 VRCMTV2--184J-U 180K ohm, 1/2W, 5%, Carbon Film R788 VRCMTV2--106J-U 10M ohm, 1/2W, 5%, Carbon Film R789 VRMPTV4 - - 102J-U 1K ohm, 1/4W, 5%, Metal Film R790 VRMPTV4--564J-U 560K ohm, 1/4W, 5%, Metal Film R791 VRMPTV4--203J-U 20K ohm, 1/4W, 5%, Metal Film R792 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R793 VRMPTV4 - - 333J - U 33K ohm, 1/4W, 5%, Metal Film VRMPTV4--154J-U R794 150K ohm, 1/4W, 5%, Metal Film R795 VRMPTV4 - - 105J-U 1M ohm, 1/4W, 5%, Metal Film R796 VRMPTV4 - - 154J - U 150K ohm, 1/4W, 5%, Metal Film R797 VRMPTV4 - - 154J-U 150K ohm, 1/4W, 5%, Metal Film R798 VRMPTV4--153J-U 15K ohm, 1/4W, 5%, Metal Film R799 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R901 VRCMTV2--564J-U 560K ohm, 1/2W, 5%, Carbon Film R902 VRNMK03--223J--22K ohm, 3W, 5%, Metal Oxide Film R903 1K ohm, 10W, 5%, Cement Resistor VRLBK10--102J--R905 VRNMK03--223J--22K ohm, 3W, 5%, Metal Oxide Film 12 ohm, 1/2W, 5%, Carbon Film R906 VRCMTV2 - - 120J-U R908 VRNMK02--104J--100K ohm, 2W, 5%, Metal Oxide Film R909 VRNMK02--104J--100K ohm, 2W, 5%, Metal Oxide Film R911 VRMPTV4--4R7J-U 4.7 ohm, 1/4W, 5%, Metal Film VRCMTV2--120J-U R912 12 ohm, 1/2W, 5%, Carbon Film R913 VRMPTV4--104J-U 100K ohm, 1/4W, 5%, Metal Film 1K ohm, 1/4W, 5%, Metal Film 3914 VRMPTV4--102J-U .2 ohm, 2W, 5%, Wire Wound Fixed R915 VRLLK02--R20J--R916 VRMPTV4 - - 101J-U 100 ohm, 1/4W, 5%, Metal Film R918 . VRMPTV4--101J-U 100 ohm, 1/4W, 5%, Metal Film R919 VRMPTV4 - - 183G-U 18K ohm, 1/4W, 2%, Metal Film R920 VRMPTV4 - - 154J-U 150K ohm, 1/4W, 5%, Metal Film R921. VRMPTV4--332J-U 3.3K ohm, 1/4W, 5%, Metal Film VRMPTV4--332J-U R922 3.3K ohm, 1/4W, 5%, Metal Film VRMPTV4--272J-U R923 2.7K ohm, 1/4W, 5%, Metal Film R924 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film 22K ohm, 1/4W, 5%, Metal Film 100 ohm, 1/2W, 5%, Carbon Film R925 VRMPTV4 - - 223J-U R926 VRCMTV2--101J-U R927 VRMPTV4 - - 473J-U 47K ohm, 1/4W, 5%, Metal Film R928 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film R929 VRMPTV4--104J-U 100K ohm, 1/4W, 5%, Metal Film R951 VRNMK02--682J-U 6.8K ohm, 2W, 5%, Metal Oxide Film R953 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R954 VRCMTV2--821J-U 820 ohm, 1/2W, 5%, Carbon Film 10K ohm, 1/4W, 5%, Metal Film , R955 VRMPTV4--103J-U 1957 47K ohm, 1/4W, 5%, Metal Film VRMPTV4--473J-U Ŕ958 VRMPTV4--222J-U 2.2K ohm, 1/4W, 5%, Metal Film **R**959 VRNMK02--1R5J--1.5 ohm, 2W, 5%, Metal Oxide Film R960 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film R961 VRMPTV4 - - 103J-U 10K ohm, 1/4W, 5%, Metal Film R962 VRCMTV2--681J-U 680 ohm, 1/2W, 5%, Carbon Film R963 VRMPTV4--153J-U 15K ohm, 1/4W, 5%, Metal Film 1.2K ohm, 1/4W, 5%, Metal Film R970 VRMPTV4--122J-U R971 VRMPTV4--152J-U 1.5K ohm, 1/4W, 5%, Metal Film 3.3K ohm, 1/4W, 5%, Metal Film R972 VRMPTV4--332J-U R973 VRFPK01--R47J--.47 ohm, 1W, 5%, Fusing Resistor R974 VRFPX01--R22J-U .22 ohm, 1W, 5%, Fusing Resistor R975 VRFPX01--R22J--.22 ohm, 1W, 5%, Fusing Resistor SD902 VCNCP0022----U Degauss Plug SW1 : QSW-A1073D8----Top SW SW2 QSW-A1073D8----Top SW SW3 QSW-A1073D8----Top SW SW4 QSW-A1073D8----Top SW SW5 QSW-A1073D8----Top SW SW901 QSW-P1267D8----Power Switch S304 QSPG-1008D8----Spak-Gap S700 QSPG-1008D8----Spark-Gap T501 RTRNL1008D8----Choke'

R787 VRCMTV2--184J-U 180K ohm, 1/2W, 5%, Carbon Film R788 VRCMTV2--106J-U 10M ohm, 1/2W, 5%, Carbon Film R789 VRMPTV4 - - 102J - U 1K ohm, 1/4W, 5%, Metal Film VRMPTV4--564J-U R790 560K ohm, 1/4W, 5%, Metal Film VRMPTV4--203J-U R791 20K ohm, 1/4W, 5%, Metal Film R792 VRMPTV4 - - 102J-U 1K ohm, 1/4W, 5%, Metal Film 33K ohm, 1/4W, 5%, Metal Film R793 VRMPTV4 - - 333J-U VRMPTV4 - - 154J-U R794 150K ohm, 1/4W, 5%, Metal Film R795 VRMPTV4 - - 105J-U 1M ohm, 1/4W, 5%, Metal Film VRMPTV4--154J-U R796 150K ohm, 1/4W, 5%, Metal Film R797 VRMPTV4--154J-U 150K ohm, 1/4W, 5%, Metal Film R798 VRMPTV4 - - 153J-U 15K ohm, 1/4W, 5%, Metal Film R799 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal FilmR901 VRCMTV2--564J-IJ 560K ohm, 1/2W, 5%, Carbon Film 22K ohm, 3W, 5%, Metal Oxide Film R902 VRNMK03--223J--R903 VRLBK10--102J--1K ohm, 10W, 5%, Cement Resistor R905 VRNMK03--223J--22K ohm, 3W, 5%, Metal Oxide Film VRCMTV2--120J-U R906 12 ohm, 1/2W, 5%, Carbon Film R908 VRNMK02--104J--100K ohm, 2W, 5%, Metal Oxide Film R909 VRNMK02--104J--100K ohm, 2W, 5%, Metal Oxide Film 4.7 ohm, 1/4W, 5%, Metal Film R911 VRMPTV4--4R7J-U R912 VRCMTV2 - - 120J - U 12 ohm, 1/2W, 5%, Carbon Film VRMPTV4 - - 104J-U R913 100K ohm, 1/4W, 5%, Metal Film 2914 VRMPTV4--102J-U 1K ohm, 1/4W, 5%, Metal Film R915 VRLLK02--R20J--.2 ohm, 2W, 5%, Wire Wound Fixed R916 VRMPTV4--101J-U 100 ohm, 1/4W, 5%, Metal Film VRMPTV4 - - 101J-U R918 100 ohm, 1/4W, 5%, Metal Film R919 VRMPTV4--183G-U 18K ohm, 1/4W, 2%, Metal Film VRMPTV4--154J-U R920 150K ohm, 1/4W, 5%, Metal Film VRMPTV4--332J-U R921 3.3K ohm, 1/4W, 5%, Metal Film R922 VRMPTV4 - - 332J-U 3.3K ohm, 1/4W, 5%, Metal Film 2.7K ohm, 1/4W, 5%, Metal Film R923 VRMPTV4 - - 272J - U R924 VRMPTV4 - - 103J-U 10K ohm, 1/4W, 5%, Metal Film 22K ohm, 1/4W, 5%, Metal Film R925 VRMPTV4--223J-U R926 VRCMTV2--101J-U 100 ohm, 1/2W, 5%, Carbon Film R927 VRMPTV4 - - 473J-U 47K ohm, 1/4W, 5%, Metal Film R928 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film VRMPTV4--104J-U R929 100K ohm, 1/4W, 5%, Metal Film R951 VRNMK02--682J-U 6.8K ohm, 2W, 5%, Metal Oxide Film R953 VRMPTV4 - - 102J-U 1K ohm, 1/4W, 5%, Metal Film R954 VRCMTV2--821J-U 820 ohm, 1/2W, 5%, Carbon Film _R955 VRMPTV4 - - 103J-U 10K ohm, 1/4W, 5%, Metal Film 1957 VRMPTV4--473J-U 47K ohm, 1/4W, 5%, Metal Film ^V R958 VRMPTV4 - - 222J-U 2.2K ohm, 1/4W, 5%, Metal Film R959 VRNMK02--1R5J--1.5 ohm, 2W, 5%, Metal Oxide Film VRMPTV4--103J-U R960 10K ohm, 1/4W, 5%, Metal Film R961 VRMPTV4--103J-U 10K ohm, 1/4W, 5%, Metal Film R962 VRCMTV2--681J-U 680 ohm, 1/2W, 5%, Carbon Film R963 VRMPTV4 -- 153J-U 15K ohm, 1/4W, 5%, Metal Film R970 VRMPTV4 - - 122J-U 1.2K ohm, 1/4W, 5%, Metal Film R971 VRMPTV4--152J-U 1.5K ohm, 1/4W, 5%, Metal Film R972 VRMPTV4--332J-U 3.3K ohm, 1/4W, 5%, Metal Film R973 VRFPK01--R47J--.47 ohm, 1W, 5%, Fusing Resistor VRFPX01--R22J-U R974 .22 ohm, 1W, 5%, Fusing Resistor R975 VRFPX01--R22J--.22 ohm, 1W, 5%, Fusing Resistor SD902 VCNCP0022----U Degauss Pluq SW1 QSW-A1073D8----Top SW SW2 QSW-A1073D8----Top SW SW3 QSW-A1073D8----Top SW SW4 QSW-A1073D8----Top SW SW5 QSW-A1073D8----Top SW SW901 QSW-P1267D8----Power Switch S304 OSPG-1008D8----Spak-Gap S700 QSPG-1008D8----Spark-Gap T501 RTRNL1008D8----Choke'



PSON 270K (1/2H) R503 39% 1/6x RS05 270K 270K (1/2w) 10X | CSCO | 9201 | CSCO | CSCO | SSCO | SSC RS01 RS02 CS01 30K 24K 7 1 DCS8 R745 470 1/6# CS07 500V 7774 C750 R773 R513 27X 1/6# 2503 15515 1144148 10K 1764 250673 FC14 - C308 # 100 # 100 R776 D714 4.7X 184148 D722 1795 1-079 0740 114148 1795 114146 1141 0741 1H4148 ± 0733 R789 1 H4148 RS17 3.3k(F) C511 1/6W 53W PLL2C RO16 100K 1/6W SENSE T.0033 2 H-DUTY COMP I601 X9103 STV7778 1500 5, 1941 15238 5, 1941 17 820X 82X 3 R7771 | R7772 | C747 1GK | 56K | 1500P (0) 250716 250716 250723 184148 10 UG24 560X 9 1701 8 7791 10 UG24 560X 9 1701 8 7791 20X 1792 1776 33X (0) 0716 184148 R777 \$47K HFLY REGIN 8797 150X 20715 II IN414 EX B+-ADJ 39 20705 16532 HGND 30K R707 R706 R701 20704 24EB2 KEYST 0721 RGP 10G E/W-AMP 2709 C756 R7 8732 4.7K E/WOUT 10H = 1000P 1/2X | 500Y 180K 1/2H PLL1INHIB 35 R731 8733 91K 9 S1 10 C0 CS10 (0) 7738 7739 10K 10K 0714 254673C R735 24K R736 7606 C601 270X (D) (PE) (PE) 2500 **←**③ V-POS R7748 680 111 RO CS12 CS13 SE1000 01 167 (0) V-DCOUT R749 VR703 2617 J D500 8132H C500 1000P Ď 8700 7621 2.2X (1/4Y) 0600 NPSAGS 5718 68000 1 6800 1 6800 3.6x 1009 5.6x 1009 01/(0) 17X VOUT-C703 C704 14 FH-MIN H-POS 20006 8751 2000 C716 RGP100 RG R619 C618 R621 1.5 1 1X 10719 177009 630Y ريم R622 VS-AMP 28 77AB 2.2X 2744 22 250Y 16 XRAY-IN 7741 C742 D719 250V S0V 1H4148 VCAP 27 | C616 | (H€) -€ 2001₂₁₃ R620 3.9X 1/2x 0702 5Y786-800 V-REF 26 (€) 50V 3.3K 17 HSYNC R705 1K 18 VCC CS20 22 257 CS19 47 507 VR603 20K(B) 0712 0713 C PSA064PSA06 1774 17748 220 33.50 877.6 3730K 20707 6.8E31 VAGCCAP 1777 75K 2.28 87/43 2.28 87/44 1.28 ₹704 10K 19 GND VGND ₹R7E9 20 H-OUTEM 100K 17A5 1.1X (F) SBLKOUT 2534 3.36 3.36 25017 R536 \$ 3.3K B+OUT 22 H-OUTCOL 20715 = 10 20012130 = 509 8769 330 11H4148 R768 100K 9705 RGP10H C7777 3300P 300Y 1501 1501 1501 1501 1670 1670 R759 470 1/24 L703 RCH0-270 TINES 1764 (E) 10710 25K1221 1700 ₹ 2754 10000 5000 0602 C603 47 T (0) 8758 220K 0711 310F2 # 071E 8727 1.2K ZIJ702 R784 6.8EB2 30.1K(F) (D) /// /// (D) R785 + C743 R778 4.99K(F) = 10 56K R729 R730 4.7K 5.8K 0729 C729 10727 1250V ₹ R782 100K | 0717 0731 | 194148 194148 | | 190000 3x R701 R702 ,67A7 = 220 169 C7A2 1K 1731 R763 1/61 R765 2.2X 1/61 C 1/21 0725 T 1/21 2347150 T 175 R755 R756 25C1815 R7E1 47X 1/6¥ R781---(R7E3 15X 1/6¥ 09/25/196 741.5221 200Y 87E2 6.8K R7E8 10 1/24 187530E | 1700 # C759 0710 C760 R7C2 R7C1 + 10 R724 120K F7A2 680K R7A0 100K 1721 R752 187530 100X 187530 1728 R7A1 6.8K 20709 C734 R761 R760 RGP10H T -01 247K 10 P203- 1ki CS3

