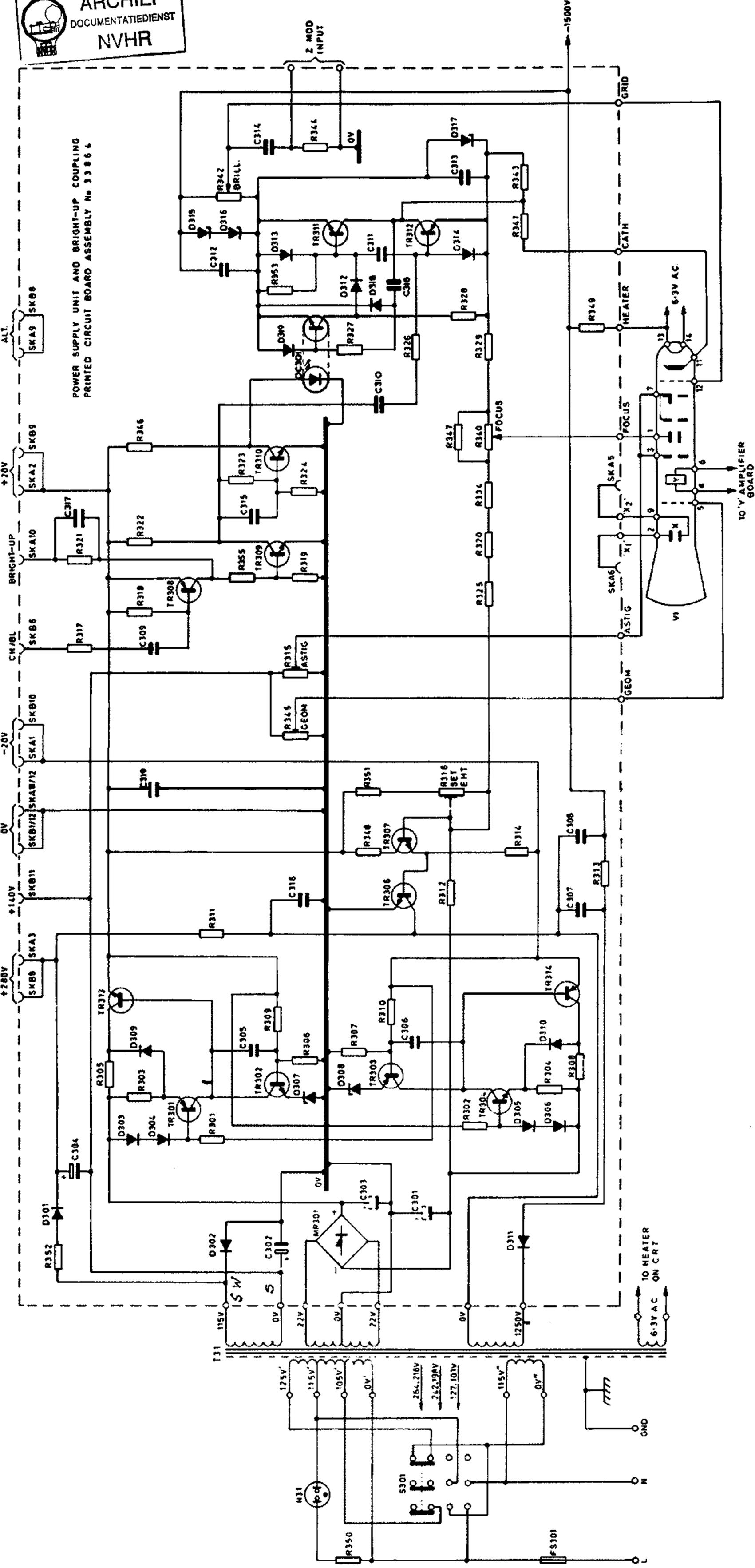


POWER SUPPLY UNIT AND BRIGHT-UP COUPLING
 PRINTED CIRCUIT BOARD ASSEMBLY No 33866



TIMEBASE & X AMPLIFIER

| Ref | Value | Description | Tol %± | Part No. | Ref | Value | Description | Tol %± | Part No. |
|------------------|-------|-------------|--------|----------|-------------------|-------|-------------|------------|------------|
| RESISTORS | | | | | | | | | |
| R101 | 22k | CF | | 21812 | R155 | 18k | CF | | 21811 |
| R102 | 22k | CF | | 21812 | R156 | 100 | CF | | 21794 |
| R103 | 1k2 | CF | | 21800 | R157 | 82k | CF | | 19060 |
| R104 | 47 | CF | | 28714 | R158 | 240 | CF | | 28787 |
| R105 | 10 | CF | | 21793 | R159 | 270 | MO | 2 | 26742 |
| R106 | 100k | CF | | 19061 | R160 | 10k | MO | 5 | 29481 |
| R107 | 560 | CF | | 21798 | R161 | 100 | CF | | 21794 |
| R108 | 220 | CF | | 21796 | R162 | 1k1 | MO | 2 | 28791 |
| R109 | 220 | CF | | 21796 | R163 | 1k5 | MO | 2 | 26733 |
| R110 | 620 | MO | | 22485 | R164 | 1k | CF | | 21799 |
| R111 | 10 | CF | | 21793 | R165 | 1k | CP | | 26870 |
| R112 | 390 | CF | | 28722 | R166 | 1k | CF | | 21799 |
| R113 | 1k2 | CF | | 21800 | R167 | 100 | CF | | 21794 |
| R114 | 3k3 | CF | | 18556 | R168 | 10k | MO | 5 | 29481 |
| R115 | 1k2 | CF | | 21800 | R169 | 2k7 | MO | 2 | 26728 |
| R116 | 1k2 | CF | | 21800 | R170 | 1k5 | MO | 2 | 26733 |
| R117 | 10 | CF | | 21793 | R171 | 82k | CF | 5 | 1W 19060 |
| R118 | 47 | CF | | 28714 | R172 | 1k8 | CF | | 28725 |
| R119 | 100k | CF | | 21819 | R173 | 100 | CF | | 21794 |
| R120 | 6k8 | CF | | 21807 | R174 | 1k8 | CF | | 28725 |
| R121 | 270 | CF | | 28720 | R175 | 1k8 | CF | | 28725 |
| R122 | 1k5 | CF | | 21801 | R176 | 10 | CF | | 21793 |
| R123 | 3k3 | CF | | 21803 | R177 | 27k | CF | | 21813 |
| R124 | 1M | CF | | 31840 | R178 | 27 | CF | | 28711 |
| R125 | 100 | CF | | 21794 | R179 | 270k | CF | | 32356 |
| R126 | 4k7 | CF | | 21805 | R180 | 270 | CF | | 28720 |
| R127 | 10k | CF | | 21809 | R181 | 100 | CF | | 21794 |
| R128 | 2k2 | CF | | 21802 | R182 | 10 | CF | | 21793 |
| R129 | 120 | CF | | 28718 | R183 | 10 | CF | | 21793 |
| R130 | 1k | CF | | 21799 | R184 | 47 | CF | | 28714 |
| R131 | 1k | CF | | 21799 | R185 | 10k | CP | | A4/34292 |
| R132 | 2k7 | CF | | 28726 | R186 | 2k2 | CP | | A4/34291 |
| R133 | 1k | CF | | 21799 | R187 | 100k | CP | | A4/34290 |
| R134 | 12k | CF | | 21810 | R188 | | | | |
| R135 | 10k | CF | | 21809 | R189 | 33k | CF | | 21814 |
| R136 | 3k9 | CF | | 21804 | R190 | 4k7 | CF | | 21805 |
| R137 | 3k9 | CF | | 21804 | R191 | | | | |
| R138 | 10k | CF | | 21809 | R192 | | | | |
| R139 | 220 | CF | | 21796 | R193 | | | | |
| R140 | 47k | CF | | 21815 | R194 | 4k7 | WW | 5 | 6W 138 |
| R141 | 100k | CF | | 21819 | | | | | |
| R142 | 10k | CF | | 21809 | | | | | |
| R143 | 1k | CF | | 21799 | CAPACITORS | | | | |
| R144 | 1k5 | CF | | 21801 | C101 | 100pF | CE(2) | 10 | 500V 22376 |
| R145 | 100k | CF | | 21819 | C102 | .01µF | CE(2) | +40 -20 | 250V 22395 |
| R146 | 15k | CF | | 28727 | | | | | |
| R147 | 2M2 | CC | | 1180 | C103 | 10µF | E | | 25V 32180 |
| R148 | 68k | CF | | 21816 | C104 | .01µF | CE(2) | +40 -20 | 250V 22395 |
| R149 | 2k7 | CF | | 28726 | | | | | |
| R150 | 100 | CF | | 21794 | C105 | .01µF | CE(2) | +40 -20 | 250V 22395 |
| R151 | 1k2 | CF | | 21800 | | | | | |
| R152 | 82k | CF | 5 | 1W 19060 | C106 | 33pF | CE(2) | 10 | 500V 22370 |
| R153 | 27k | CF | | 21813 | C107 | .47µF | CE(2) | | 3V 33208 |
| R154 | 560 | CF | | 21798 | C108 | 33pF | CE(2) | 10 | 500V 22370 |

BRIGHT UP & TUBE SUPPLIES

| Ref | Value | Description | Tol %± | Part No. | Ref | Value | Description | Tol %± | Part No. |
|-------------------|--------|-------------|-------------|------------|--------------------|--------|-------------|--------|-------------|
| RESISTORS | | | | | | | | | |
| R301 | 47k | CF | | 21815 | C305 | 1500pF | CE(2) | 20 | 500V 22388 |
| R302 | 47k | CF | | 21815 | C306 | 1500pF | CE(2) | 20 | 500V 22388 |
| R303 | 82 | CF | | 28717 | C307 | .2μF | PF | | 2kV 34380 |
| R304 | 82 | CF | | 28717 | C308 | .2μF | PF | | 2kV 34380 |
| R305 | 5R6 | CF | 5 | ½W 33210 | C309 | 47pF | CE(2) | | 22372 |
| R306 | 1k3 | CF | | 33338 | C310 | 3000pF | CE(2) | | 3kV 34381 |
| R307 | 1k3 | CF | | 33338 | C311 | .1μF | CE(2) | | 160V 31377 |
| R308 | 5R6 | CF | 5 | ½W 33210 | C312 | .1μF | CE(2) | | 160V 31377 |
| R309 | 2k2 | CF | | 21802 | C313 | .1μF | CE(2) | | 160V 31377 |
| R310 | 2k2 | CF | | 21802 | C314 | .02μF | CE(2) | | 1.5kV 25223 |
| R311 | 330k | CF | 5 | 1W 19067 | C315 | 100pF | CE(2) | | 22376 |
| R312 | 1M5 | CC | | 7016 | C316 | .047μF | CE(2) | | 400V 31392 |
| R313 | 56k | CF | | 28729 | C317 | 27pF | CE(2) | | 22369 |
| R314 | 22k | CF | | 21812 | C318 | 47pF | CE(2) | | 22372 |
| R315 | 100k | CP | | 26582 | C319 | .1μF | CE(2) | | 30V 19647 |
| R316 | 22k | CP | | 25885 | | | | | |
| R317 | 1k | CF | | 21799 | | | | | |
| R318 | 1k2 | CF | | 21800 | TRANSISTORS | | | | |
| R319 | 2k2 | CF | | 21802 | TR301 | | BC212 | | 29327 |
| R320 | 500k | MF | | 26342 | TR302 | | BC182B | | 33205 |
| R321 | 10k | CF | | 21809 | TR303 | | BC212 | | 29327 |
| R322 | 3k3 | CF | | 21803 | TR304 | | BC182B | | 33205 |
| R323 | 1k5 | CF | | 21801 | | | | | |
| R324 | 3k3 | CF | | 21803 | TR306 | | BD159 | | 34652 |
| R325 | 500k | MF | | 26342 | TR307 | | BC182B | | 33205 |
| R326 | 1k | CF | | 21799 | TR308 | | BC212 | | 29327 |
| R327 | 1M | CF | | 31840 | TR309 | | 2N2369 | | 23307 |
| R328 | 270k | CF | | 32356 | TR310 | | 2N2369 | | 23307 |
| R329 | 330k | CF | | 32357 | TR311 | | BC108 | | 26110 |
| | | | | | TR312 | | 2N3905 | | 20818 |
| R334 | 500k | MF | 1 | 26342 | TR313 | | 2N3053 | | 4039 |
| | | | | | TR314 | | 2N4037 | | 21882 |
| R340 | 470k | CP | | A4/34296 | | | | | |
| R341 | 2k2 | CC | | 21802 | | | | | |
| R342 | 1M | CP | Includes S1 | A4/34295 | DIODES | | | | |
| R343 | 100k | CF | | 21819 | D301 | | IN4007 | | 52337 |
| R344 | 10M | CC | | 1179 | D302 | | IN4007 | | 52337 |
| R345 | 100k | CP | | 26582 | D303 | | IN4148 | | 23802 |
| R346 | 3k3 | CC | | 21803 | D304 | | IN4148 | | 23802 |
| R347 | 680k | CF | | 31839 | D305 | | IN4148 | | 23802 |
| R348 | 1k | CF | | 21799 | D306 | | IN4148 | | 23802 |
| R349 | 100k | CF | | 21819 | D307 | 6V8 | ZENER | | 33931 |
| R350 | 68k | CF | | 21816 | D308 | 6V8 | ZENER | | 33931 |
| R351 | 8k2 | CF | | 21808 | D309 | | IN4148 | | 23802 |
| R352 | 150 | CF | | 28719 | D310 | | IN4148 | | 23802 |
| R353 | 33k | CF | 5 | ⅛W 21814 | D311 | | MR995A | | 32903 |
| | | | | | D312 | | IN4148 | | 23802 |
| R355 | 1k2 | CF | 5 | ⅛W 21800 | D313 | | IN4148 | | 23802 |
| | | | | | D314 | | IN4148 | | 23802 |
| | | | | | D315 | 33V | ZENER | | 33947 |
| | | | | | D316 | 33V | ZENER | | 33947 |
| | | | | | D317 | 33V | ZENER | | 33947 |
| | | | | | D318 | | IN4148 | | 23802 |
| | | | | | D319 | | IN4148 | | 23802 |
| CAPACITORS | | | | | | | | | |
| C301 | 1000μF | E | | 40V 34377 | | | | | |
| C302 | 330μF | E | | 160V 34378 | | | | | |
| C303 | 1000μF | E | | 40V 34377 | | | | | |
| C304 | 64μF | E | | 160V 34379 | | | | | |