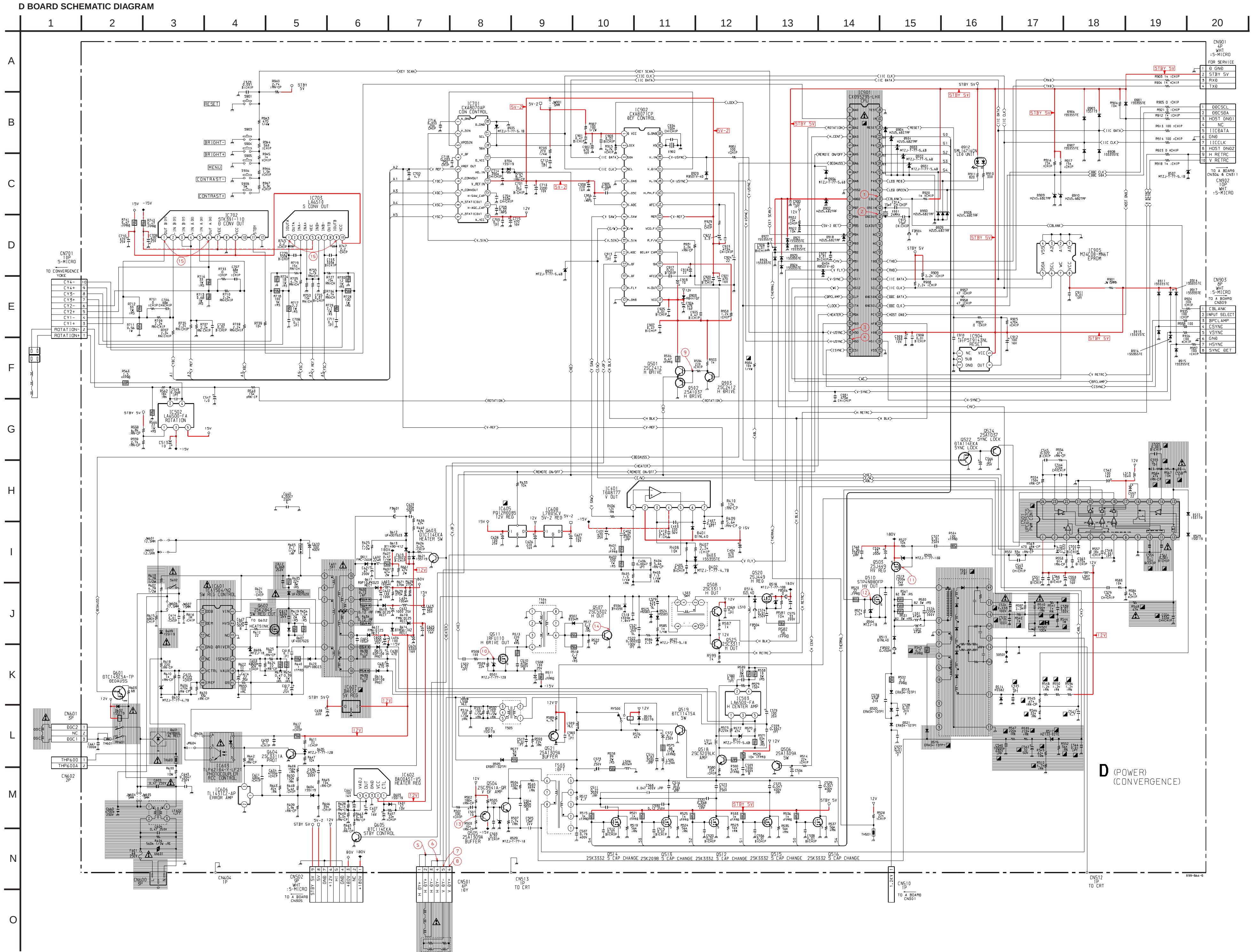
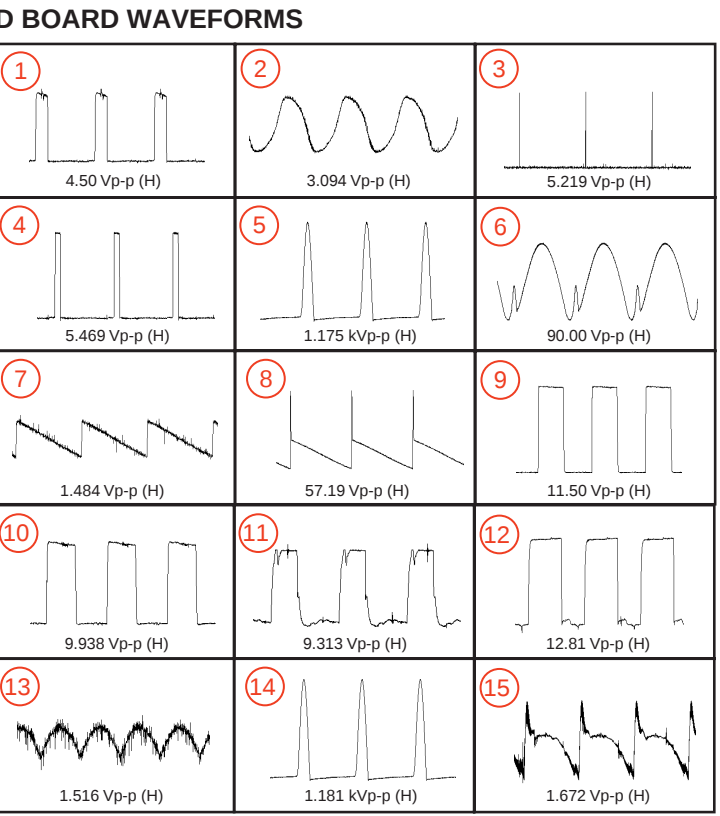
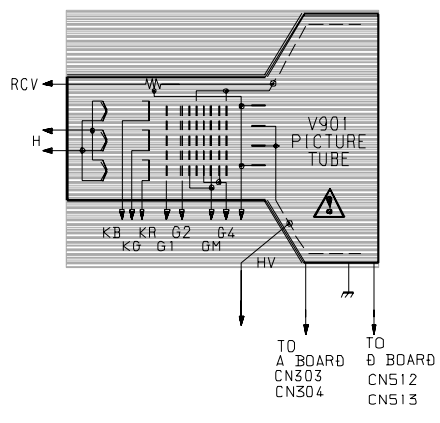




| BOARD IC VOLTAGE LIST |       |        |       |        |      |      |      |        |      |      |     |        |      |      |
|-----------------------|-------|--------|-------|--------|------|------|------|--------|------|------|-----|--------|------|------|
| IC 401                |       | IC 503 |       | IC 605 |      | 6    |      | -0.1   |      |      |     |        |      |      |
| PIN                   | VOLT  | PIN    | VOLT  | PIN    | VOLT | PIN  | VOLT | PIN    | VOLT |      |     |        |      |      |
| 1                     | 1.6   | 1      | 140.3 | I      | 15.1 | 8    | GND  | 25     | 0    |      |     |        |      |      |
| 2                     | 15.1  | 2      | 132.5 | O      | 11.9 | 9    | 15.1 | 26     | 0    |      |     |        |      |      |
| 3                     | -14.6 | 3      | 123   | G      | GND  | 10   | NC   | 27     | 0.5  |      |     |        |      |      |
| 4                     | -15.1 | 4      | 132.4 | A      | 4.8  | 11   | 3.2  | 28     | 2.8  |      |     |        |      |      |
| 5                     | 0.2   | 5      | 142.6 |        | 12   | GND  | 29   | GND    | 14   | 0.9  |     |        |      |      |
| 6                     | 14.8  | IC 601 |       | IC 703 |      | 30   |      | 0.5    |      | 15   | GND |        |      |      |
| 7                     | 1.6   | PIN    |       | VOLT   |      | 1    |      | 9.5    |      | PIN  |     | VOLT   |      |      |
| IC 501                |       | 1      |       | 156.1  |      | O    |      | 5      |      | 1    |     | -0.2   |      |      |
| PIN                   |       | VOLT   |       | 2      |      | GND  |      | G      |      | 2    |     | -0.2   |      |      |
| 1                     |       | 11.9   |       | 3      |      | GND  |      | IC 608 |      | 3    |     | 3.8    |      |      |
| 2                     |       | 4      |       | 2.5    |      | PIN  |      | VOLT   |      | 4    |     | 3.8    |      |      |
| 3                     |       | 4      |       | 5      |      | 0    |      | I      |      | 11.9 |     | 5      | -15  |      |
| 4                     |       | 3.8    |       | 6      |      | 12.5 |      | O      |      | 5    |     | 6      | 3.8  |      |
| 5                     |       | 8.9    |       | 7      |      | 12.3 |      | G      |      | GND  |     | 7      | 3.8  |      |
| 6                     |       | 3      |       | 8      |      | 2.5  |      | IC 701 |      | 8    |     | 0.5    |      |      |
| 7                     |       | GND    |       | 9      |      | 0    |      | PIN    |      | VOLT |     | 9      | 0.4  |      |
| 8                     |       | 0.2    |       | 10     |      | NC   |      | 1      |      | 4.9  |     | 10     | 15.1 |      |
| 9                     |       | GND    |       | 11     |      | GND  |      | 2      |      | 5    |     | IC 901 |      |      |
| 10                    |       | 8.2    |       | 12     |      | NC   |      | 3      |      | 4.9  |     | PIN    |      | VOLT |
| 11                    |       | 4.4    |       | 13     |      | 0    |      | 4      |      | 4.9  |     | 1      |      | NC   |
| 12                    |       | 5.8    |       | 14     |      | 6.1  |      | 5      |      | 5    |     | 2      |      | 5    |
| 13                    |       | 5.8    |       | IC 602 |      | 6    |      | 5      |      | 3    |     | 3      |      | 46   |
| 14                    |       | 5.8    |       | PIN    |      | VOLT |      | 7      |      | 5    |     | 4      |      | 2.4  |
| 15                    |       | 3.2    |       | 1      |      | 3.1  |      | 8      |      | 5    |     | 5      |      | NC   |
| 16                    |       | 11.3   |       | 2      |      | 9.1  |      | 9      |      | 4.9  |     | 6      |      | 4.8  |
| 17                    |       | 11.9   |       | 3      |      | GND  |      | 10     |      | 11.9 |     | 7      |      | 0    |
| 18                    |       | 4.7    |       | 4      |      | 6.3  |      | 11     |      | 4.5  |     | 8      |      | NC   |
| 19                    |       | 6.8    |       | 5      |      | 1.2  |      | 12     |      | 4.9  |     | 9      |      | NC   |
| 20                    |       | 3.6    |       | IC 603 |      | 13   |      | 5      |      | 10   |     | GND    |      | 53   |
| 21                    |       | GND    |       | PIN    |      | VOLT |      | 14     |      | 3.3  |     | 11     |      | 5.1  |
| 22                    |       | 4.3    |       | 1      |      | 9.2  |      | 15     |      | 1.1  |     | 12     |      | NC   |
| 23                    |       | 3.4    |       | 2      |      | 8.1  |      | 16     |      | 4    |     | 13     |      | NC   |
| 24                    |       | 4      |       | 3      |      | NC   |      | 17     |      | 4.6  |     | 14     |      | 4.7  |
| IC 502                |       | 4      |       | 0      |      | 18   |      | GND    |      | 15   |     | 4.9    |      | PIN  |
| PIN                   |       | VOLT   |       | 5      |      | 0    |      | IC 702 |      | 16   |     | 3.9    |      | PIN  |
| 1                     |       | 1.1    |       | 6      |      | 0    |      | PIN    |      | VOLT |     | 17     |      | 3.1  |
| 2                     |       | 1.1    |       | IC 604 |      | 1    |      | -0.2   |      | 18   |     | 3.7    |      | 3    |
| 3                     |       | -15.1  |       | PIN    |      | VOLT |      | 2      |      | 2.5  |     | 19     |      | 0    |
| 4                     |       | -1.4   |       | K      |      | 2.5  |      | 3      |      | 2.5  |     | 20     |      | 0.1  |
| 5                     |       | 15.1   |       | A      |      | GND  |      | 4      |      | 2.5  |     | 21     |      | 5    |
|                       |       |        |       | 3      |      | 7    |      | 5      |      | -0.1 |     | 22     |      | 0.2  |
|                       |       |        |       |        |      |      |      |        |      |      |     |        |      |      |

All voltages are in V.





|      | B    | C   | E    |
|------|------|-----|------|
| Q001 | 11.4 | 460 | 10.9 |
| Q006 | 0.3  | 3.2 | GND  |

|                |                |                |
|----------------|----------------|----------------|
| ①              | ②              | ③              |
|                |                |                |
| 753 Vp-p (H)   | 706 Vp-p (H)   | 690 Vp-p (H)   |
| ④              | ⑤              | ⑥              |
|                |                |                |
| 4,800 Vp-p (H) | 4,500 Vp-p (H) | 4,000 Vp-p (H) |
| ⑦              | ⑧              | ⑨              |
|                |                |                |
| 55.78 Vp-p (H) | 52.8 Vp-p (H)  | 51.4 Vp-p (H)  |
| ⑩              | ⑪              | ⑫              |
|                |                |                |
| 55.78 Vp-p (H) | 52.8 Vp-p (H)  | 51.4 Vp-p (H)  |

| IC 001 |      |    |      | IC 003 |      |    |     | IC 005 |      |        |      | 3                     | 0    | 117.92 | 3   | 0 | 4   | 0.5 |
|--------|------|----|------|--------|------|----|-----|--------|------|--------|------|-----------------------|------|--------|-----|---|-----|-----|
| IN     | VOLT | 15 | 0    | 29     | 21.8 | 14 | 0   | 15     | 0    | 15     | 0    |                       |      |        |     |   |     |     |
| 1      | 4    | 16 | 11.9 | IC 002 |      |    |     | 1      | 0.5  | 16     | GND  | PIN                   | VOLT | 5      | 4.6 | 4 | 0.5 |     |
| 2      | 4.6  | 17 | 0    | PIN    |      |    |     | 2      | 1.5  | IC 004 |      |                       |      | 1      | NC  | 6 | 4.6 |     |
| 3      | 2.4  | 18 | 1.2  | 1      | 57.4 | 3  | 1.5 | PIN    | VOLT | 2      | NC   | 7                     | NC   | 7      | GND |   |     |     |
| 4      | 2.6  | 19 | GND  | 2      | GND  | 4  | 5   | 1      | 11.9 | 4      | NC   | 8                     | NC   | 8      | 0   |   |     |     |
| 5      | 2.8  | 20 | 2.2  | 3      | 54.9 | 5  | 3.2 | 2      | 1.9  | 4      | GND  | 9                     | 0    | 9      | 0   |   |     |     |
| 6      | 3    | 21 | 3.5  | 4      | GND  | 6  | 3   | 2      | 1.8  | 5      | 3    | 2                     | 11   | 4.6    |     |   |     |     |
| 7      | 2    | 22 | 11.9 | 5      | 54.3 | 7  | 4.1 | 4      | 4.8  | 6      | 3.2  | 10                    | GND  |        |     |   |     |     |
| 8      | 4.8  | 23 | GND  | 6      | 78.7 | 8  | 4.6 | 5      | NC   | 7      | 10.4 | 12                    | GND  |        |     |   |     |     |
| 9      | 2    | 24 | 2.1  | 7      | GND  | 9  | 5   | 6      | NC   | 8      | 11.6 | 13                    | 5    |        |     |   |     |     |
| 10     | 3    | 25 | 3.5  | 8      | 2.1  | 10 | 0   | 7      | 99.1 | IC 006 |      |                       |      | 14     | 5   |   |     |     |
| 11     | 2    | 26 | GND  | 9      | 2    | 11 | NC  | 8      | 95.6 | PIN    | VOLT | All voltages are in V |      |        |     |   |     |     |
| 12     | 0.2  | 27 | 2    | 10     | 11.8 | 12 | 0   | 9      | 93.2 | 1      | 5    |                       |      |        |     |   |     |     |
| 13     | 0    | 28 | 3.5  | 11     | 2    | 13 | 0   | 10     | NC   | 2      | 0    |                       |      |        |     |   |     |     |

|        |     |      |     |      |     |      |     |      |     |       |     |       |     |             |     |
|--------|-----|------|-----|------|-----|------|-----|------|-----|-------|-----|-------|-----|-------------|-----|
| DIODES |     | D004 | E-2 | D014 | D-7 | D106 | B-5 | D206 | B-6 | D306  | B-6 | IC002 | A-6 | IC006       | D-2 |
| D001   | E-8 | D005 | F-6 | D015 | E-2 | D111 | E-2 | D211 | E-3 | D311  | E-3 | IC003 | B-2 | TRANSISTORS |     |
| D002   | E-2 | D007 | F-5 | D104 | B-6 | D204 | B-6 | D304 | B-3 | IC    |     | IC004 | C-7 | Q001        | D-7 |
| D003   | E-2 | D008 | F-5 | D105 | A-5 | D205 | B-6 | D305 | B-7 | IC001 | B-4 | IC005 | E-7 | Q006        | D-2 |