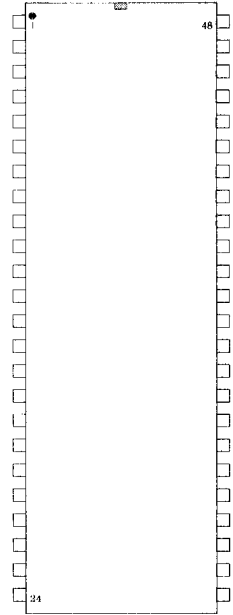


## TA8691N

### Sound and vision I.F. detector, horizontal and vertical timebase, PAL decoder

#### Pin

- |  |   |                                  |
|--|---|----------------------------------|
| (1) 4V9                                    | ← | Audio feedback                   |
| (2) 4V4                                    |   |                                  |
| (3) 2V9                                    |   |                                  |
| (4) 4V1                                    |   |                                  |
| (5) 5V2                                    |   |                                  |
| (6) 5V2                                    |   |                                  |
| (7) 0 V ground                             |   |                                  |
| (8) 3V9                                    | ← | I.F. from SAW filter             |
| (9) 3V9                                    | ← | I.F. from SAW filter             |
| (10) 4V2                                   |   |                                  |
| (11) 3V0, (4.43 MHz oscillator, 3V4 pk-pk) |   |                                  |
| (12) 8V7                                   |   |                                  |
| (13) 6 V                                   |   |                                  |
| (14)                                       |   |                                  |
| (15) 5V2                                   | → | 5V8 pk-pk Red - Y                |
| (16) 5V2                                   | → | 6 V pk-pk Blue - Y               |
| (17) 5V2                                   | → | 5V7 pk-pk Green - Y              |
| (18) 6V4                                   | → | 10 V pk-pk horizontal pulse      |
| (19) 0V2                                   |   |                                  |
| (20) 1V1                                   | → | 6V4 pk-pk horizontal pulse       |
| (21) 2V2                                   | → | Horizontal drive                 |
| (22) 7V3                                   |   |                                  |
| (23) 4V6                                   |   |                                  |
| (24)                                       | ← | 8V9 supply                       |
| (25) 0 V                                   | → | 0V9 pk-pk vertical drive         |
| (26) 2V8                                   | ← | Video from pin 38                |
| (27) 5V7                                   |   |                                  |
| (28) 8V6                                   |   |                                  |
| (29) 3V5                                   | ← | Brightness control               |
| (30) 2V3                                   |   |                                  |
| (31) 3V7                                   | → | Sync pulse                       |
| (32) 0 V ground                            |   |                                  |
| (33) 6 V                                   | → | Chroma to delay line             |
| (34) 4V7                                   | ← | Contrast control                 |
| (35) 4V6                                   | ← | Colour control                   |
| (36) 3V4                                   | ← | 0V2 pk-pk chroma from delay line |
| (37) 5V3                                   |   |                                  |
| (38) 3V1                                   | → | Video to pin 26                  |
| (39)                                       | ← | 8V7 supply                       |



# TA8691N

## TA8691N

(40) 6V5, vision detector LC circuit

(41) 6V5, vision detector LC circuit

(42) 2V9

(43) 4V1 → AFT

(44) 3 V → Video to pins 26 and 38

(45) 2V3 ← Volume control

(46) 4V5 → Tuner AGC

(47) 1V5 ← AGC control

(48) 3V2 → Audio output

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