

75 OHM
TERMINATION
SWITCHES FOR
OFF ON

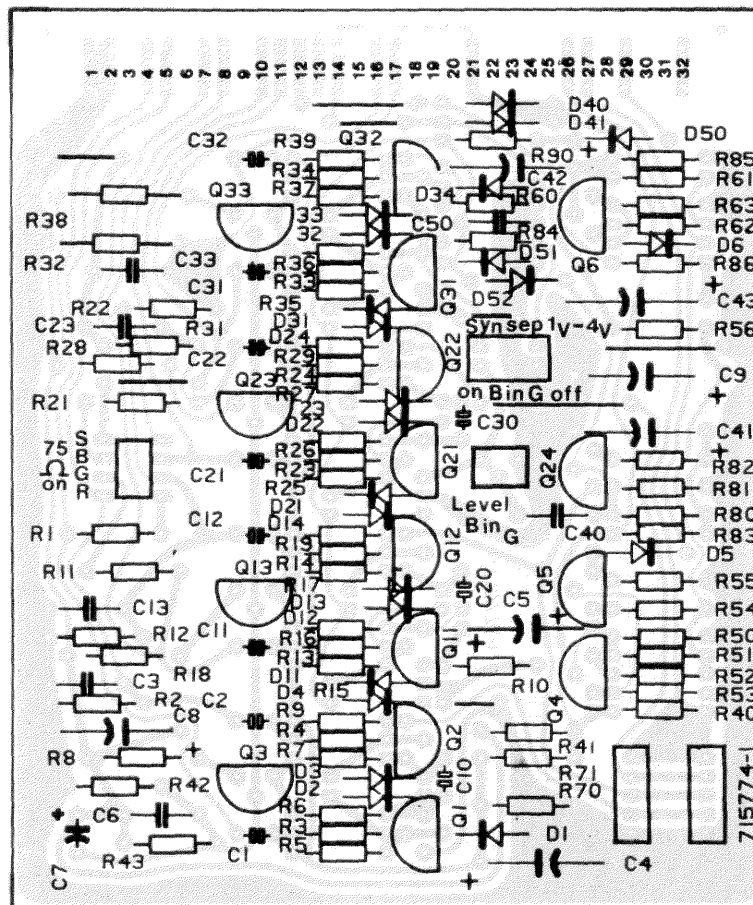
RED
GREEN
BLUE
SYNC

7611145 FF3928 2572

BLUE IN GREEN
ON OFF

SYNC LEVEL
ADAPTATION
4V 1V

BLUE IN GREEN
ADJUSTMENT

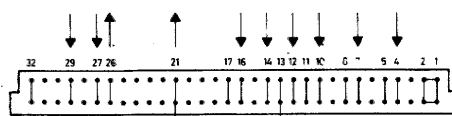


a **b**

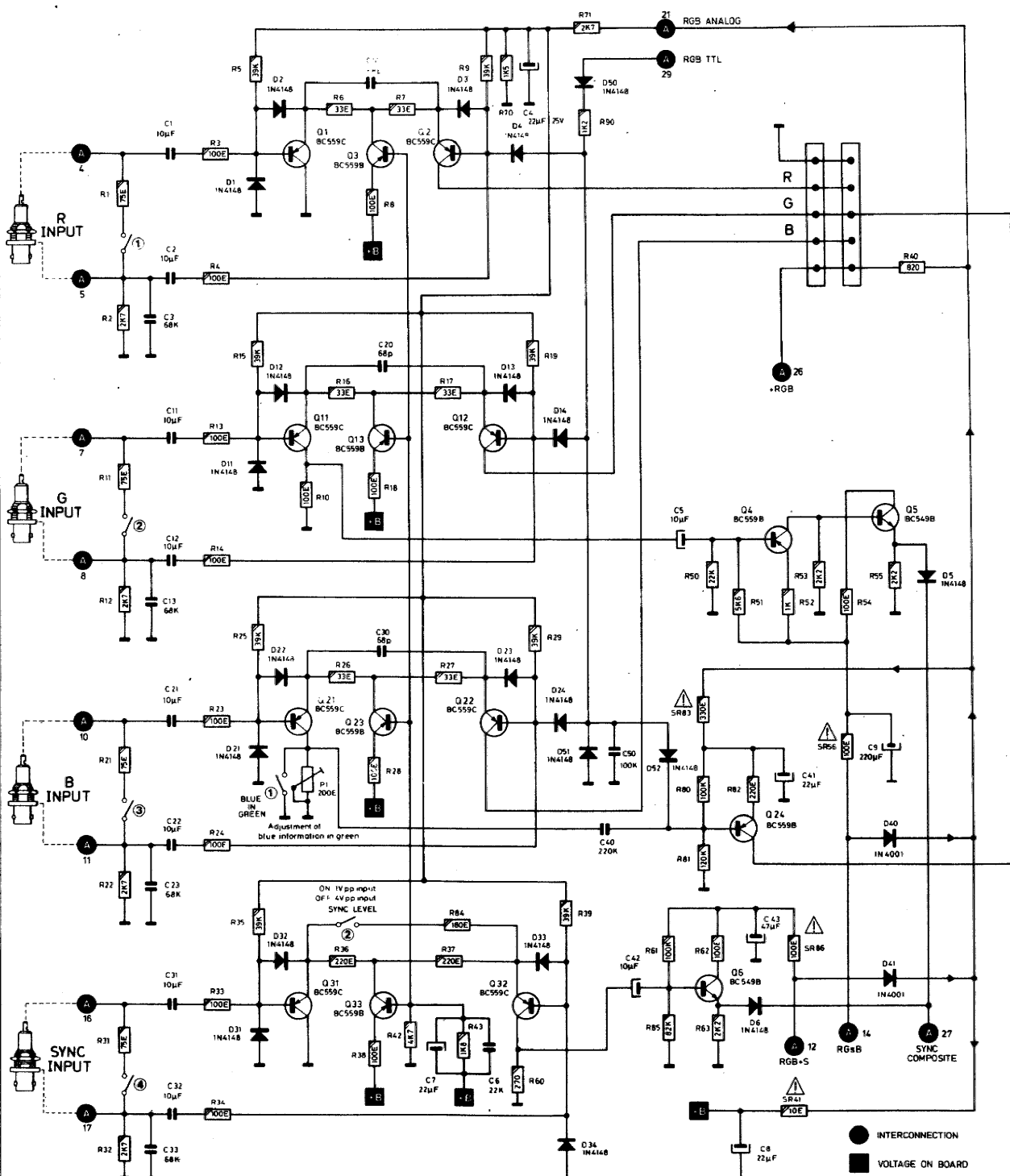
a TO RGB TTL INPUT BOARD

b TO QUAD DECODER OR 30 MHZ AMPLIFIER

| | | |
|--------------------|-----|---------|
| INPUT RGB TTL | A32 | A24 |
| INPUT VIDEO + GEN | A32 | A24 |
| CONTROL SWITCH BOX | C5 | D8 D4 |
| BNC | | X X X X |



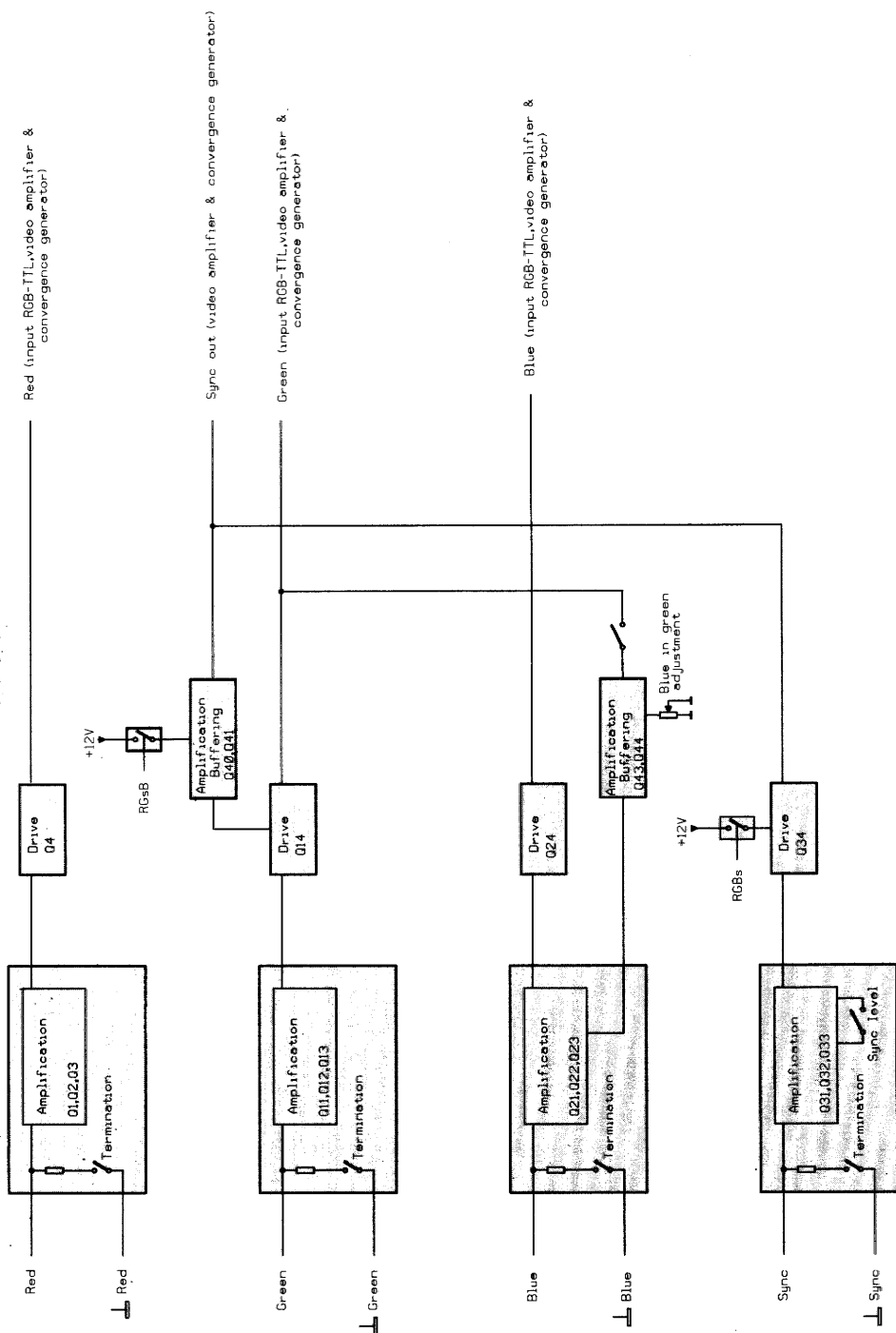
A To FRAME C



● INTERCONNECTION
■ VOLTAGE ON BOARD

| | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|------------------|----------|-------------|
| MODIFICATIONS RESERVED | | | | | | | | | | Name | | Article nr. |
| | | | | | | | | | | INPUT RGB ANALOG | | 76.11145 |
| | | | | | | | | | | Date | 21/01/87 | Checked |
| | | | | | | | | | | PG | PG | CD |
| | | | | | | | | | | BARCO Electronic | | |

FUNCTIONAL BLOCK DIAGRAM
RGB ANALOG INPUT



| ITEM NO. | SIT. | DESCRIPTION | ITEM NO. | SIT. | DESCRIPTION |
|----------|------|-----------------------------|----------|------|------------------------------|
| 11 1680 | C..1 | CAPACITOR ELRABI 10M V 40 | 13 14181 | Q.33 | TRANSISTOR BC559B,BC309B |
| 11 1680 | C..2 | CAPACITOR ELRABI 10M V 40 | 10 11231 | R..1 | RESISTOR CF 75E J OW25 |
| 11 4130 | C..3 | CAPACITOR POMEFF 68K K 250 | 10 1141 | R..2 | RESISTOR CF 2K7 J OW25 |
| 11 11575 | C..4 | CAPACITOR ELAX 22M Z 25 | 10 1124 | R..3 | RESISTOR CF 100E J OW25 |
| 11 11565 | C..5 | CAPACITOR ELAX 10M Z 25 | 10 1124 | R..4 | RESISTOR CF 100E J OW25 |
| 11 4124 | C..6 | CAPACITOR POMEFF 22K K 250 | 10 1155 | R..5 | RESISTOR CF 39K J OW25 |
| 11 14855 | C..7 | CAPACITOR ELPR 22M Z5 40 | 10 1118 | R..6 | RESISTOR CF 33E J OW25 |
| 11 11575 | C..8 | CAPACITOR ELAX 22M Z 25 | 10 1118 | R..7 | RESISTOR CF 33E J OW25 |
| 11 1162 | C..9 | CAPACITOR ELAX 220M T 25 | 10 1124 | R..8 | RESISTOR CF 100E J OW25 |
| 11 2240 | C.10 | CAPACITOR NPO MI 68P J5 63 | 10 1155 | R..9 | RESISTOR CF 39K J OW25 |
| 11 1680 | C.11 | CAPACITOR ELRABI 10M V 40 | 10 1124 | R.10 | RESISTOR CF 100E J OW25 |
| 11 1680 | C.12 | CAPACITOR ELRABI 10M V 40 | 10 11231 | R.11 | RESISTOR CF 75E J OW25 |
| 11 4130 | C.13 | CAPACITOR POMEFF 68K K 250 | 10 1141 | R.12 | RESISTOR CF 2K7 J OW25 |
| 11 2240 | C.20 | CAPACITOR NPO MI 68P J5 63 | 10 1124 | R.13 | RESISTOR CF 100E J OW25 |
| 11 1680 | C.21 | CAPACITOR ELRABI 10M V 40 | 10 1124 | R.14 | RESISTOR CF 100E J OW25 |
| 11 1680 | C.22 | CAPACITOR ELRABI 10M V 40 | 10 1155 | R.15 | RESISTOR CF 39K J OW25 |
| 11 4130 | C.23 | CAPACITOR POMEFF 68K K 250 | 10 1118 | R.16 | RESISTOR CF 33E J OW25 |
| 11 2240 | C.30 | CAPACITOR NPO MI 68P J5 63 | 10 1118 | R.17 | RESISTOR CF 33E J OW25 |
| 11 1680 | C.31 | CAPACITOR ELRABI 10M V 40 | 10 1124 | R.18 | RESISTOR CF 100E J OW25 |
| 11 1680 | C.32 | CAPACITOR ELRABI 10M V 40 | 10 1155 | R.19 | RESISTOR CF 39K J OW25 |
| 11 4130 | C.33 | CAPACITOR POMEFF 68K K 250 | 10 11231 | R.21 | RESISTOR CF 75E J OW25 |
| 11 4102 | C.40 | CAPACITOR POMEFF 220K K 100 | 10 1141 | R.22 | RESISTOR CF 2K7 J OW25 |
| 11 11575 | C.41 | CAPACITOR ELAX 22M Z 25 | 10 1124 | R.23 | RESISTOR CF 100E J OW25 |
| 11 11565 | C.42 | CAPACITOR ELAX 10M Z 25 | 10 1124 | R.24 | RESISTOR CF 100E J OW25 |
| 11 11595 | C.43 | CAPACITOR ELAX 47M T 25 | 10 1155 | R.25 | RESISTOR CF 39K J OW25 |
| 11 4100 | C.50 | CAPACITOR POMEFF 100K K 100 | 10 1118 | R.26 | RESISTOR CF 33E J OW25 |
| 13 1621 | D..1 | DIODE 1N4148 SWITCH | 10 1118 | R.27 | RESISTOR CF 33E J OW25 |
| 13 1621 | D..2 | DIODE 1N4148 SWITCH | 10 1124 | R.28 | RESISTOR CF 100E J OW25 |
| 13 1621 | D..3 | DIODE 1N4148 SWITCH | 10 1155 | R.29 | RESISTOR CF 39K J OW25 |
| 13 1621 | D..4 | DIODE 1N4148 SWITCH | 10 11231 | R.31 | RESISTOR CF 75E J OW25 |
| 13 1621 | D..5 | DIODE 1N4148 SWITCH | 10 1141 | R.32 | RESISTOR CF 2K7 J OW25 |
| 13 1621 | D..6 | DIODE 1N4148 SWITCH | 10 1124 | R.33 | RESISTOR CF 100E J OW25 |
| 13 1621 | D.11 | DIODE 1N4148 SWITCH | 10 1124 | R.34 | RESISTOR CF 100E J OW25 |
| 13 1621 | D.12 | DIODE 1N4148 SWITCH | 10 1155 | R.35 | RESISTOR CF 39K J OW25 |
| 13 1621 | D.13 | DIODE 1N4148 SWITCH | 10 1128 | R.36 | RESISTOR CF 220E J OW25 |
| 13 1621 | D.14 | DIODE 1N4148 SWITCH | 10 1128 | R.37 | RESISTOR CF 220E J OW25 |
| 13 1621 | D.21 | DIODE 1N4148 SWITCH | 10 1124 | R.38 | RESISTOR CF 100E J OW25 |
| 13 1621 | D.22 | DIODE 1N4148 SWITCH | 10 1155 | R.39 | RESISTOR CF 39K J OW25 |
| 13 1621 | D.23 | DIODE 1N4148 SWITCH | 10 1235 | R.40 | RESISTOR CF 820E J OW50 |
| 13 1621 | D.24 | DIODE 1N4148 SWITCH | 10 11129 | R.41 | RESISTOR CFFUL 10E J OW25 |
| 13 1621 | D.31 | DIODE 1N4148 SWITCH | 10 1144 | R.42 | RESISTOR CF 4K7 J OW25 |
| 13 1621 | D.32 | DIODE 1N4148 SWITCH | 10 1139 | R.43 | RESISTOR CF 1K8 J OW25 |
| 13 1621 | D.33 | DIODE 1N4148 SWITCH | 10 1152 | R.50 | RESISTOR CF 22K J OW25 |
| 13 1621 | D.34 | DIODE 1N4148 SWITCH | 10 1145 | R.51 | RESISTOR CF 5K6 J OW25 |
| 13 1644 | D.40 | DIODE 1N4001 RECTIFIER | 10 1136 | R.52 | RESISTOR CF 1K J OW25 |
| 13 1644 | D.41 | DIODE 1N4001 RECTIFIER | 10 1140 | R.53 | RESISTOR CF 2K2 J OW25 |
| 13 1621 | D.50 | DIODE 1N4148 SWITCH | 10 1124 | R.54 | RESISTOR CF 100E J OW25 |
| 13 1621 | D.51 | DIODE 1N4148 SWITCH | 10 1140 | R.55 | RESISTOR CF 2K2 J OW25 |
| 13 1621 | D.52 | DIODE 1N4148 SWITCH | 10 11249 | R.56 | RESISTOR CFFUL 100E J OW25 |
| 10 6824 | P..1 | TRIMPOT CEMV 200E K OW50 | 10 1129 | R.60 | RESISTOR CF 270E J OW25 |
| 71 5774 | PC.. | PC DATA ANA 761114 | 10 1160 | R.61 | RESISTOR CF 100K J OW25 |
| 13 14182 | Q..1 | TRANSISTOR BC559C,BC309C | 10 1124 | R.62 | RESISTOR CF 100E J OW25 |
| 13 14182 | Q..2 | TRANSISTOR BC559C,BC309C | 10 1140 | R.63 | RESISTOR CF 2K2 J OW25 |
| 13 14181 | Q..3 | TRANSISTOR BC559B,BC309B | 10 1138 | R.70 | RESISTOR CF 1K5 J OW25 |
| 13 14181 | Q..4 | TRANSISTOR BC559B,BC309B | 10 1141 | R.71 | RESISTOR CF 2K7 J OW25 |
| 13 14295 | Q..5 | TRANSISTOR BC549B, | 10 1160 | R.80 | RESISTOR CF 100K J OW25 |
| 13 14295 | Q..6 | TRANSISTOR BC549B, | 10 1161 | R.81 | RESISTOR CF 120K J OW25 |
| 13 14182 | Q.11 | TRANSISTOR BC559C,BC309C | 10 1128 | R.82 | RESISTOR CF 220E J OW25 |
| 13 14182 | Q.12 | TRANSISTOR BC559C,BC309C | 10 11309 | R.83 | RESISTOR CFFUL 330E J OW25 |
| 13 14181 | Q.13 | TRANSISTOR BC559B,BC309B | 10 1127 | R.84 | RESISTOR CF 180E J OW25 |
| 13 14182 | Q.21 | TRANSISTOR BC559C,BC309C | 10 1159 | R.85 | RESISTOR CF 82K J OW25 |
| 13 14182 | Q.22 | TRANSISTOR BC559C,BC309C | 10 11249 | R.86 | RESISTOR CFFUL 100E J OW25 |
| 13 14181 | Q.23 | TRANSISTOR BC559B,BC309B | 10 1137 | R.90 | RESISTOR CF 1K2 J OW25 |
| 13 14181 | Q.24 | TRANSISTOR BC559B,BC309B | 31 3531 | 001. | CONNECTOR EURO MOBSE P64 KEY |
| 13 14182 | Q.31 | TRANSISTOR BC559C,BC309C | 36 7699 | 0011 | RIVET CHOBERT D2,38 L6,35 |
| 13 14182 | Q.32 | TRANSISTOR BC559C,BC309C | 32 4188 | 002. | SWITCH DIL 1A 4P TE |
| | | | 32 4190 | 003. | SWITCH DIL 1A 2P TE |
| | | | 31 3580 | 004. | CONNECTOR MT MOBTE P 5 2,5 |

