≓ C188 XA 16 0 XC 16 XA 17 XE 17 R158 5K11 **∵** +4.7V XA 28 0 XC 28 LINE RECIEVER DIFFERENTIAL ENCODER ADDRESS COUNTER SERIEL RESPONSE PARALLEL PROMS EXT CLOCK XC 7 0-XC 1 XC 3 COMP1 OUT C1 ≻ C2 ≻ C3 ≻ 01 12 C1 02 13 C2 COMP2 V9 74HCI64 EXT DATA XA 7 0-XC 4 XC 6 V7-A 74HC4520 22 A9 A18 CET CE2 CE3 +5V LATCH > VB-B 74HC4846 +5v 74HC86 +5V MUX→LATCH ED EC R12 18K V3-A 74HC74 V2 74HC157 C1 > XC 8 CLOCK VIB 74HCI64 C5 188N 188N 183 221 0 \*5V TR6 1ØK 23 A8 22 A9 A18 CET CE2 CE3 LATCH >--V6-B 74HC86 XA 12 O INT/EXT RESPONSE SELECT PP3 V4-C 74HC175 14 A2 B2 B2 B3 C2 INPUT DETECTOR V3-B 74HC74 INPUT PRESENT TEST 000  $^{\circ}$ TEST FIRST USED IN: PM5687/U6 PCB REF.: 4008 117 0421 QPSK AB99203.5CM 4008 108 9920 . 2 88-25-16 MODULATOR ABCK .PCB 3 94-02-23 Ø4211 .PCB NAME GN/SMa 4 вн вн - 130 -KF PTV LAB PEI BOXIBIB DK-2300 COPENHAGEN S | DAT 87-05-11

28.78

7

MIXER INTERCARRIER FILTER/AMPLIFIER INT.CAR. LEVEL INTERCARRIER OUT XC 27 XA 27 **₩** 4.7V AM MODULATOR I DAC I FILTER IF AMPLIFIER LOWPASS FILTER ATTENUATOR SLO > +12V +12V L17 | L18 5U5 | 5U5 C41 4N7 AM MODULATOR Q DAC Q FILTER 90 DEG. **□7** ≻ FIRST USED IN: PM5687/U6 PCB REF.: 4008 117 0421 \* NOT MOUNTED IN GENERAL QPSK MODULATOR BA99203.5CM 4008 108 9920 . 2 88-25-16 ABCK .PCB 84211 .PCB 3 94-02-23 - 130 -DAT 87-05-11

28.78

75

BUFFER DIVIDE BY N2 VISION FREQ. PHASE DETECTOR LOOP FILTER OSCILLATOR +12V APC2 ← LOOP FILTER SOUND FREQ. OSCILLATOR BUFFER DIVIDE BY N1 PHASE DETECTOR V33-B 74HC74 R128 82K5 APCI ← REF.DIVIDER 200KHZ REF XA 18 0---XC 18 O FIRST USED IN: PM5687/U6 PCB REF.: 4008 117 0421 \* NOT MOUNTED ON STANDARD VERSION MOUNTED ON SOLDER SIDE 99202 .SCM 2 88-05-16 4008 108 9920 MODULATOR ABCK .PCB 84211 .PCB NAME GN//SM 4 вн вн - 130 -3 KF PTV LAB PEI BOX1818 DK-2300 COPENHAGEN S | DAT 87-05-11

28.78