The left column shows the labels from the PCB layout. The right column shows the according labels from the schematics Fig.55, Fig. 56, Fig. 58, Fig. 60 & Fig. 63 found in Thomas Henry's VCO chip cookbook available from sMs electronics:
http://electro-music.com/forum/viewtopic.php?t=18625

This layout utilizes a THAT320 matched transistor array for the transistors and in distinct from Thomas' original schematic I decided to have a switch to select between exponential and linear FM modulation: one socket and attenuator is used for both, exponential and linear FM. The destination is the selected by the switch.

| PSU input/decoupling circuit | |
|---|---|
| C1, C2, C15, C16 | 100n |
| C3, C4, C17, C18 | 10uf |
| R1, R2 | 22R |

| OSC A | TH VCO chip cookbook |
|---|---|
| | **Fig. 55** |
| J1 | J1 (1v/oct) |
| J2 | J2/J3 (FM in) |
| SW1 (FM exp./lin.) | |
| C5 | C3 |
| C6 | C1 |
| C7 | C2 |
| P1 | R10 |
| P2 | R11 |
| P3 | R9/R12 (FM att.) |
| R3 | R5 |
| R4 | R7 |
| R5 | R16 |
| R6 | R6 |
| R7 | R3 (tempco) |
| R8 | R2 |
| R9 | R4 |
| R10 | R13 |
| R11 | R15 |
| R12 | R14 |
| T1 (25t trimmer) | R1 |
| T2 (25t trimmer) | R8 |
| D1 | D1 |
| U1 (TL072) | IC2 |
| U2 (THAT320 1-7) | Q1/Q2 |
| | **Fig. 56** |
| U4 | IC1 |
| R23 | R17 |
| R24 | R18 |
| R25 | R20 |
| R26 | R19 |
| C11 | C4 |
| C12 | C5 |
| | **Fig. 58** |
| J5 | J1 |
| R33 | R1 |
| R31 | R2 |
| R32 | R3 |
| U6 (TL072 5-7) | IC1 |
| | **Fig. 60** |
| J6 | J1 |
| R37 | R2 |
| R38 | R3 |
| R39 | R1 |
| R40 | R4 |
| U6 (TL072 1-3) | IC1 |
| | **Fig 63** |
| J7 | J1 |
| R45 | R6 |
| R46 | R8 |
| R47 | R4 |
| R48 | R2 |
| U8 (TL071) | IC1a |

| OSC B | TH VCO chip cookbook |
|---|---|
| | **Fig. 55** |
| J3 | J1 (1v/oct) |
| J4 | J2/J3 (FM in) |
| SW2 (FM exp./lin.) | |
| C8 | C3 |
| C9 | C1 |
| C10 | C2 |
| P4 | R10 |
| P5 | R11 |
| P6 | R9/R12 (FM att.) |
| R13 | R5 |
| R14 | R7 |
| R15 | R16 |
| R16 | R6 |
| R17 | R3 (tempco) |
| R18 | R2 |
| R19 | R4 |
| R20 | R13 |
| R21 | R15 |
| R22 | R14 |
| T3 (25t trimmer) | R1 |
| T4 (25t trimmer) | R8 |
| D2 | D1 |
| U3 (TL072) | IC2 |
| U2 (THAT320 8-14) | Q1/Q2 |
| | **Fig. 56** |
| U5 | IC1 |
| R27 | R17 |
| R28 | R18 |
| R29 | R20 |
| R30 | R19 |
| C13 | C4 |
| C14 | C5 |
| | **Fig. 58** |
| J8 | J1 |
| R36 | R1 |
| R34 | R2 |
| R35 | R3 |
| U7 (TL072 5-7) | IC1 |
| | **Fig. 60** |
| J9 | J1 |
| R41 | R2 |
| R42 | R3 |
| R43 | R1 |
| R44 | R4 |
| U7 (TL072 1-3) | IC1 |
| | **Fig 63** |
| J10 | J1 |
| R49 | R6 |
| R50 | R8 |
| R51 | R4 |
| R52 | R2 |
| U9 (TL071) | IC1a |

SW1 1 2 3
exp 1in
P3 P1
J2 R10
R6 R3 R4 R5
J1 T1
C5 R12 R7
R8
R18 T3
J3 C8 R22
R13 R17
J4 R14 R15
P4 P5
R16 R20
P6 U3 R19
R21 C10
3 2 1
SW2 1in exp
D2
T4

T2
D1 C7
P2 R11 U1 R9
C6 R23 R24
U2
U4
R39
U5 C13
R27 R28
C14 R29
C15
R35 R34
U7 R49 R51 R50
R43 R42 R41 R44
J9

J6 J5
R33 R32
R31 R47 R46 R48
U6 U8
R38 R40 R37 R25
C11 C12 C4
R45 R26
J8 J10
R36 R30 R52
U9

J7
C3
C1
C2 R1
RC1 +15V GND -15V
C17 R2
C16
C18