**VT330/VT340 ROM CARTRIDGE – INTERNAL CONNECTIONS**

**(CONFIRMED BY BUZZING OUT CONNECTIONS)**

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| ROMPIN (SIGNAL) | E1 | E2 | E3 | E4 | E5 |
| 1 (XX) | 29,31 (GND) GND (2 PLACES) |
| 2 (VPP) | 14,28,32,60 (+5V) 5V (2 PLACES: 28 & 32) |
| 3 (A12) | 2 (AA12 H) PK4 | 34 (BA12 H) PK4 |
| 4 (A7) | 3 (AA7 H) PF7 | 35 (BA7 H) PF7 |
| 5 (A6) | 4 (AA6 H) PF6 | 36 (BA6 H) PF6 |
| 6 (A5) | 5 (AA5 H) PF5 | 37 (BA5 H) PF5 |
| 7 (A4) | 6 (AA4 H) PF4 | 38 (BA4 H) PF4 |
| 8 (A3) | 7 (AA3 H) PF3 | 39 (BA3 H) PF3 |
| 9 (A2) | 8 (AA2 H) PF2 | 40 (BA2 H) PF2 |
| 10 (A1) | 9 (AA1 H) PF1 | 41 (BA1 H) PF1 |
| 11 (A0) | 10 (AA0 H) PF0 | 42 (BA0 H) PF0 |
| 12 (XX) | NC |
| 13 (O0) | 11 (AAD0 H) PL0 | 43 (BAD0 H) PL0 |
| 14 (O1) | 12 (AAD1 H) PL1 | 44 (BAD1 H) PL1 |
| 15 (O2) | 13 (AAD2 H) PL2 | 45 (BAD2 H) PL2 |
| 16 (GND) | 29,31 (GND) |
| 17 (XX) | 29,31 (GND) |
| 18 (03) | 15 (AAD3 H) PL3 | 47 (BAD3 H) PL3 |
| 19 (O4) | 16 (AAD4 H) PL4 | 48 (BAD4 H) PL4 |
| 20 (O5) | 17 (AAD5 H) PL5 | 49 (BAD5 H) PL5 |
| 21 (O6) | 18 (AAD6 H) PL6 | 50 (BAD6 H) PL6 |
| 22 (O7) | 19 (AAD7 H) PL7 | 51 (BAD7 H) PL7 |
| 23 (/CE) | 1 (AA15 H)PA0 | 20 (AA15 L) PA1 | 33 (BA15 H) PA2 | 52 (B0SEL L) PA3 | 46 (B1SEL L) PA4 |
| 24 (A10) | 21 (AA10 H) PK2 | 53 (BA10 H) PK2 |
| 25 (/OE) | 22 (APSEN L) PA6 | 54 (BPSEN L) PA7 |
| 26 (XX) | NC |
| 27 (A11) | 23 (AA11 H) PK3 | 55 (BA11 H) PK3 |
| 28 (A9) | 24 (AA9 H) PK1 | 56 (BA9 H) PK1 |
| 29 (A8) | 25 (AA8 H) PK0 | 57 (BA8 H) PK0 |
| 30 (A13) | 26 (AA13 H) PK5 | 58 (BA13 H) PK5 |
| 31 (A14) | 27 (AA14 H) PK6 | 59 (BA14 H) PK6 |
| 32 (VCC) | 14,28,32,60 (+5V) |

Note: Connector J1 Pin 30 (CARPSN L) is internally wired to Pins 29 & 31 (GND).