

7 pin DIN
Power connector

1. Ground (5 Volt)
2. Ground (5 Volt)
3. Ground (5 Volt)
4. 5 Volt DC or NC.
5. 5 Volt DC
6. 9 Volt AC
7. 9 Volt AC

7 pin DIN
Power connector

1. +5 Volt DC
2. Ground Shield
3. 9 Volt AC
4. Ground
5. 9 Volt AC

7 pin DIN
Power connector
Last revision mainboards

2 pin (9 Volt AC)
Power connector

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1. +5 Volt DC
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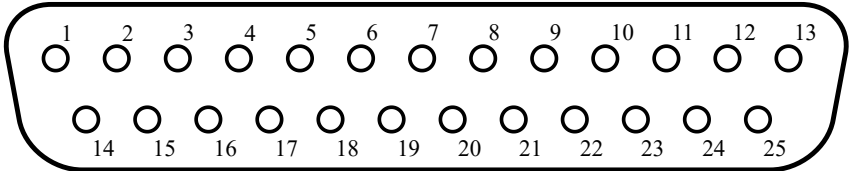
7 pin DIN
Power connector

1. +5 Volt DC
2. Ground
3. 9 Volt AC
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7 pin DIN
Power connector


1. Ground (5 Volt)
2. Ground (5.

SX64

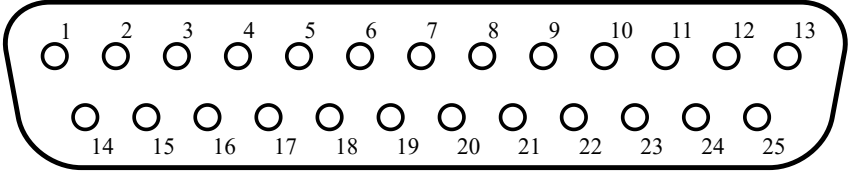


| [PIN] | PB0 [12] | PB1 [11] | PB2 [10] | PB3 [5] | PB4 [8] | PB5 [7] | PB6 [6] | PB7 [9] | Restore [3] | shift lock [21] |
|---------------|----------|----------|----------|---------|-------------|---------|---------|------------|-------------|-----------------|
| PA0 [13] | DEL | Return ↔ | F7 | F1 | F3 | F5 | ↑ | | | |
| PA1 [19] | 3 | W | A | 4 | Z | S | E | Left Shift | | |
| PA2 [18] | 5 | R | D | 6 | C | F | T | X | | |
| PA3 [17] | 7 | Y | G | 8 | B | H | U | V | | |
| PA4 [16] | 9 | I | J | 0 | M | K | O | N | | |
| PA5 [15] | + | P | L | - | . | : | @ | , | | |
| PA6 [14] | £ | * | ; | CLR | Right Shift | = | ↑ | / | | |
| PA7 [20] | 1 | ← | CTRL 2 | Space | ↵ | Q | STOP | | | |
| GND [1,23,24] | | | | | | | | | RESTORE | Shift lock |

pin [2],[25] NC
pin [4] + 5 Volt

Shift lock led [22]  GND [1,23,24]

C128



| [PIN] | PB0 [12] | PB1 [11] | PB2 [10] | PB3 [5] | PB4 [8] | PB5 [7] | PB6 [6] | PB7 [9] | Restore [3] |
|----------|----------|----------|----------|-----------|-------------|---------|---------|------------|-------------|
| PA0 [13] | DEL | Return ↔ | F7 | F1 | F3 | F5 | ↑ | | |
| PA1 [19] | 3 | W | A | 4 | Z | S | E | Left Shift | |
| PA2 [18] | 5 | R | D | 6 | C | F | T | X | |
| PA3 [17] | 7 | Y | G | 8 | B | H | U | V | |
| PA4 [16] | 9 | I | J | 0 | M | K | O | N | |
| PA5 [15] | + | P | L | - | . | : | @ | , | |
| PA6 [14] | £ | * | ; | CLR | Right Shift | = | ↑ | / | |
| PA7 [20] | 1 | ← | CTRL 2 | Space | ↵ | Q | STOP | | |
| K0 [21] | help | 8 | 5 | tab | 2 | 4 | 7 | 1 | |
| K1 [22] | esc | + | - | line feed | enter | 6 | 9 | 3 | |
| K2 [23] | alt | 0 | . | ▲ | ▼ | ◀ | ▶ | no scroll | |
| GND [1] | | | | | | | | | RESTORE |

switch between [9] and [19] shift lock
switch between [1] and [24] 40/80 col.
switch between [1] and [25] caps lock

pin [2] KEY
pin [4] NC
pin [21],[22] and [23] (K0,K1 and K2) are handled by VIC IIe

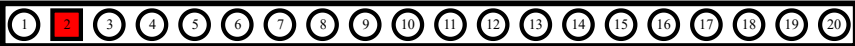
C64 Vic20



| [PIN] | PB0 [12] | PB1 [11] | PB2 [10] | PB3 [5] | PB4 [8] | PB5 [7] | PB6 [6] | PB7 [9] | Restore [3] |
|----------|----------|----------|----------|---------|-------------|---------|---------|------------|-------------|
| PA0 [13] | DEL | Return ↔ | F7 | F1 | F3 | F5 | ↑ | | |
| PA1 [19] | 3 | W | A | 4 | Z | S | E | Left Shift | |
| PA2 [18] | 5 | R | D | 6 | C | F | T | X | |
| PA3 [17] | 7 | Y | G | 8 | B | H | U | V | |
| PA4 [16] | 9 | I | J | 0 | M | K | O | N | |
| PA5 [15] | + | P | L | - | . | : | @ | , | |
| PA6 [14] | £ | * | ; | CLR | Right Shift | = | ↑ | / | |
| PA7 [20] | 1 | ← | CTRL 2 | Space | ↵ | Q | STOP | | |
| GND [1] | | | | | | | | | RESTORE |

pin [2] KEY (NC)
pin [4] + 5 Volt

C16



| [PIN] | K0 [18] | K1 [15] | K2 [14] | K7 [3] | K4 [7] | K5 [9] | K6 [10] | K3 [17] |
|---------|---------|---------|---------|----------|--------|--------|---------|---------|
| P7 [6] | 1 | CLR | CTRL | Run Stop | Space | ↵ | Q | 2 |
| P0 [8] | 3 | W | A | Shift | Z | S | E | 4 |
| P2 [12] | 5 | R | D | X | C | F | T | 6 |
| P1 [11] | 7 | Y | G | V | B | H | U | 8 |
| P3 [13] | 9 | I | J | N | M | K | O | 0 |
| P6 [1] | ▼ | P | L | . | . | : | - | ▲ |
| P4 [16] | ◀ | * | ; | / | ESC | = | + | ▶ |
| P5 [19] | Del | Return | £ | @ | F1 | F2 | F3 | Help |

pin [2] KEY (NC)
pin [5],[20] NC
pin [4] + 5 Volt



| [PIN] | K0 [17] | K1 [14] | K2 [13] | K7 [2] | K4 [6] | K5 [8] | K6 [9] | K3 [16] |
|---------|---------|---------|---------|----------|--------|--------|--------|---------|
| P7 [5] | 1 | CLR | CTRL | Run Stop | Space | ↵ | Q | 2 |
| P0 [7] | 3 | W | A | Shift | Z | S | E | 4 |
| P2 [11] | 5 | R | D | X | C | F | T | 6 |
| P1 [10] | 7 | Y | G | V | B | H | U | 8 |
| P3 [12] | 9 | I | J | N | M | K | O | 0 |
| P6 [1] | ▼ | P | L | . | . | : | - | ▲ |
| P4 [15] | ◀ | * | ; | / | ESC | = | + | ▶ |
| P5 [18] | Del | Return | £ | @ | F1 | F2 | F3 | Help |

pin [4] + 5 Volt

