| Arduino | MT8808 | Connection | Note |
|---------|--------|------------|------|
| 2 | 4 | DATA | |
| 3 | N/A | PS2 CLK | |
| 4 | 2 | STROBE | |
| 5 | 1 | AY2 | |
| 6 | 28 | AY1 | |
| 7 | 27 | AY0 | |
| 8 | 26 | AX2 | |
| 9 | 25 | AX1 | |
| 10 | 24 | AX0 | |
| 11 | N/A | N/A | |
| 12 | N/A | PS2 DATA | |
| 13 | 10 | RESET | |
| A0 | C64-3 | RESTORE | |
| | | | |
| C64 | MT8808 | Connection | |
| 5 | 15 | PB3-Y3 | |
| 6 | 12 | PB6-Y6 | |
| 7 | 13 | PB5-Y5 | |
| 8 | 14 | PB4-Y4 | |
| 9 | 11 | PB7-Y7 | |
| 10 | 16 | PB2-Y2 | |
| 11 | 17 | PB1-Y1 | |
| 12 | 18 | PB0-Y0 | |
| 13 | 6 | PA0-X0 | |
| 14 | 9 | PA6-X6 | |
| 15 | 21 | PA5-X5 | |
| 16 | 8 | PA4-X4 | |
| 17 | 22 | PA3-X3 | |
| 18 | 7 | PA2-X2 | |
| 19 | 23 | PA1-X1 | |
| 20 | 20 | PA7-X7 | |

| GND | 3 & 5 | VEE & VSS | |
|---------|-------|-----------|--|
| + 5 VDC | 19 | VDD | |