

| Arduino | MT8812-16 | Connection | Note |
|---------|-----------|------------|------|
| 2       | 38        | DATA       |      |
| 3       | N/A       | PS2 CLK    |      |
| 4       | 18        | STROBE     |      |
| 5       | 2         | AY2        |      |
| 6       | 25        | AY1        |      |
| 7       | 24        | AY0        |      |
| 8       | 23        | AX2        |      |
| 9       | 22        | AX1        |      |
| 10      | 5         | AX0        |      |
| 11      | 4         | AX3        |      |
| 12      | N/A       | PS2 DATA   |      |
| 13      | 3         | RESET      |      |
| A0      | C64-3     | RESTORE    |      |

| C64 | MT8812-16 | Connection |  |
|-----|-----------|------------|--|
| 5   | 1         | PB3-Y3     |  |
| 6   | 17        | PB6-Y6     |  |
| 7   | 19        | PB5-Y5     |  |
| 8   | 21        | PB4-Y4     |  |
| 9   | 15        | PB7-Y7     |  |
| 10  | 39        | PB2-Y2     |  |
| 11  | 37        | PB1-Y1     |  |
| 12  | 35        | PB0-Y0     |  |
| 13  | 33        | PA0-X0     |  |
| 14  | 8         | PA6-X6     |  |
| 15  | 28        | PA5-X5     |  |
| 16  | 29        | PA4-X4     |  |
| 17  | 30        | PA3-X3     |  |
| 18  | 31        | PA2-X2     |  |
| 19  | 32        | PA1-X1     |  |
| 20  | 9         | PA7-X7     |  |

|         |         |           |  |
|---------|---------|-----------|--|
| GND     | 16 & 20 | VSS & VEE |  |
| + 5 VDC | 36 & 40 | C/S & VDD |  |