| M5L: Resistors for NINO card in position #1 | | | | |
|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | wire | R1 | wire |
| | 2 | R4 | 200 | R3 | 60 |
| | 3 | R6 | 1000 | R5 | 290 |
| | 4 | R8 | 200 | R7 | 156 |
| | 5 | R10 | 150 | R9 | 50 |
| | 6 | R12 | 150 | R11 | 50 |
| | 7 | R14 | 200 | R13 | 114 |
| | 8 | R16 | 200 | R15 | 166 |
| | 9 | R2 | 200 | R1 | 154 |
| | 10 | R4 | 100 | R3 | 50 |
| | 11 | R6 | 200 | R5 | 285 |
| | 12 | R8 | 200 | R7 | 136 |
| | 13 | R10 | wire | R9 | wire |
| | 14 | R12 | 200 | R11 | 141 |
| | 15 | R14 | 100 | R13 | 125 |
| | 16 | R16 | 200 | R15 | 104 |

| M5L: Resistors for NINO card in position #2 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | 500 | R1 | 50 |
| | 2 | R4 | 500 | R3 | 219 |
| | 3 | R6 | wire | R5 | wire |
| | 4 | R8 | 500 | R7 | 289 |
| | 5 | R10 | 500 | R9 | 581 |
| | 6 | R12 | 500 | R11 | 249 |
| | 7 | R14 | 500 | R13 | 223 |
| | 8 | R16 | 500 | R15 | 399 |
| | 9 | R2 | 500 | R1 | 308 |
| | 10 | R4 | 500 | R3 | 300 |
| | 11 | R6 | 500 | R5 | 501 |
| | 12 | R8 | 500 | R7 | 238 |
| | 13 | R10 | 500 | R9 | 439 |
| | 14 | R12 | 500 | R11 | 181 |
| | 15 | R14 | 1000 | R13 | 211 |
| | 16 | R16 | wire | R15 | wire |

| M5L: Resistors for NINO card in position #3 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | wire | R1 | wire |
| | 2 | R4 | 200 | R3 | 77 |
| | 3 | R6 | 400 | R5 | 130 |
| | 4 | R8 | 200 | R7 | 105 |
| | 5 | R10 | 150 | R9 | 50 |
| | 6 | R12 | wire | R11 | wire |
| | 7 | R14 | 150 | R13 | 50 |
| | 8 | R16 | 150 | R15 | 50 |
| | 9 | R2 | 150 | R1 | 50 |
| | 10 | R4 | 900 | R3 | 232 |
| | 11 | R6 | 100 | R5 | 518 |
| | 12 | R8 | 900 | R7 | 384 |
| | 13 | R10 | 150 | R9 | 50 |
| | 14 | R12 | 150 | R11 | 50 |
| | 15 | R14 | 900 | R13 | 371 |
| | 16 | R16 | 900 | R15 | 453 |

| M5L: Resistors for NINO card in position #4 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | 300 | R1 | 51 |
| | 2 | R4 | 400 | R3 | 230 |
| | 3 | R6 | 300 | R5 | 93 |
| | 4 | R8 | wire | R7 | wire |
| | 5 | R10 | 300 | R9 | 84 |
| | 6 | R12 | 300 | R11 | 182 |
| | 7 | R14 | 100 | R13 | 311 |
| | 8 | R16 | 300 | R15 | 42 |
| | 9 | R2 | 300 | R1 | 42 |
| | 10 | R4 | 300 | R3 | 50 |
| | 11 | R6 | 300 | R5 | 50 |
| | 12 | R8 | 300 | R7 | 273 |
| | 13 | R10 | 300 | R9 | 146 |
| | 14 | R12 | 300 | R11 | 283 |
| | 15 | R14 | wire | R13 | wire |
| | 16 | R16 | 300 | R15 | 66 |

| M5L: Resistors for NINO card in position #5 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | 400 | R1 | 173 |
| | 2 | R4 | 500 | R3 | 645 |
| | 3 | R6 | 150 | R5 | 50 |
| | 4 | R8 | 100 | R7 | 310 |
| | 5 | R10 | 400 | R9 | 38 |
| | 6 | R12 | 400 | R11 | 39 |
| | 7 | R14 | 150 | R13 | 50 |
| | 8 | R16 | 400 | R15 | 11 |
| | 9 | R2 | 150 | R1 | 50 |
| | 10 | R4 | 400 | R3 | 38 |
| | 11 | R6 | 150 | R5 | 50 |
| | 12 | R8 | 150 | R7 | 50 |
| | 13 | R10 | wire | R9 | wire |
| | 14 | R12 | 100 | R11 | 653 |
| | 15 | R14 | 150 | R13 | 50 |
| | 16 | R16 | wire | R15 | wire |

| M5L: Resistors for NINO card in position #6 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | 200 | R1 | 387 |
| | 2 | R4 | 200 | R3 | 69 |
| | 3 | R6 | 100 | R5 | 682 |
| | 4 | R8 | 200 | R7 | 248 |
| | 5 | R10 | 200 | R9 | 46 |
| | 6 | R12 | 200 | R11 | 90 |
| | 7 | R14 | 500 | R13 | 100 |
| | 8 | R16 | 200 | R15 | 103 |
| | 9 | R2 | 150 | R1 | 50 |
| | 10 | R4 | 200 | R3 | 76 |
| | 11 | R6 | 500 | R5 | 138 |
| | 12 | R8 | 200 | R7 | 67 |
| | 13 | R10 | wire | R9 | wire |
| | 14 | R12 | 200 | R11 | 76 |
| | 15 | R14 | 200 | R13 | 234 |
| | 16 | R16 | wire | R15 | wire |

| M5L: Resistors for NINO card in position #7 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | wire | R1 | wire |
| | 2 | R4 | 400 | R3 | 50 |
| | 3 | R6 | 400 | R5 | 67 |
| | 4 | R8 | 400 | R7 | 248 |
| | 5 | R10 | 400 | R9 | 65 |
| | 6 | R12 | 350 | R11 | 309 |
| | 7 | R14 | 350 | R13 | 298 |
| | 8 | R16 | 350 | R15 | 242 |
| | 9 | R2 | 400 | R1 | 556 |
| | 10 | R4 | 400 | R3 | 223 |
| | 11 | R6 | 400 | R5 | 237 |
| | 12 | R8 | 400 | R7 | 233 |
| | 13 | R10 | wire | R9 | wire |
| | 14 | R12 | 400 | R11 | 156 |
| | 15 | R14 | 400 | R13 | 50 |
| | 16 | R16 | 50 | R15 | 683 |

| M5L: Resistors for NINO card in position #8 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | 700 | R1 | 560 |
| | 2 | R4 | 700 | R3 | 50 |
| | 3 | R6 | 700 | R5 | 50 |
| | 4 | R8 | 700 | R7 | 120 |
| | 5 | R10 | 700 | R9 | 130 |
| | 6 | R12 | wire | R11 | wire |
| | 7 | R14 | 700 | R13 | 50 |
| | 8 | R16 | 700 | R15 | 150 |
| | 9 | R2 | 700 | R1 | 150 |
| | 10 | R4 | 700 | R3 | 50 |
| | 11 | R6 | 700 | R5 | 50 |
| | 12 | R8 | 700 | R7 | 440 |
| | 13 | R10 | 100 | R9 | 280 |
| | 14 | R12 | 700 | R11 | 80 |
| | 15 | R14 | 700 | R13 | 170 |
| | 16 | R16 | wire | R15 | wire |

| M5L: Resistors for NINO card in position #9 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | 400 | R1 | 105 |
| | 2 | R4 | 400 | R3 | 290 |
| | 3 | R6 | 400 | R5 | 65 |
| | 4 | R8 | 400 | R7 | 380 |
| | 5 | R10 | 400 | R9 | 110 |
| | 6 | R12 | 400 | R11 | 50 |
| | 7 | R14 | 400 | R13 | 50 |
| | 8 | R16 | wire | R15 | wire |
| | 9 | R2 | 400 | R1 | 475 |
| | 10 | R4 | 400 | R3 | 615 |
| | 11 | R6 | 400 | R5 | 525 |
| | 12 | R8 | 400 | R7 | 390 |
| | 13 | R10 | wire | R9 | wire |
| | 14 | R12 | 200 | R11 | 655 |
| | 15 | R14 | 200 | R13 | 510 |
| | 16 | R16 | 100 | R15 | 550 |

| M5L: Resistors for NINO card in position #10 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | | R1 | |
| | 2 | R4 | | R3 | |
| | 3 | R6 | | R5 | |
| | 4 | R8 | | R7 | |
| | 5 | R10 | | R9 | |
| | 6 | R12 | | R11 | |
| | 7 | R14 | | R13 | |
| | 8 | R16 | | R15 | |
| | 9 | R2 | | R1 | |
| | 10 | R4 | | R3 | |
| | 11 | R6 | | R5 | |
| | 12 | R8 | | R7 | |
| | 13 | R10 | | R9 | |
| | 14 | R12 | | R11 | |
| | 15 | R14 | | R13 | |
| | 16 | R16 | | R15 | |

| M5L: Resistors for NINO card in position #11 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | | R1 | |
| | 2 | R4 | | R3 | |
| | 3 | R6 | | R5 | |
| | 4 | R8 | | R7 | |
| | 5 | R10 | | R9 | |
| | 6 | R12 | | R11 | |
| | 7 | R14 | | R13 | |
| | 8 | R16 | | R15 | |
| | 9 | R2 | | R1 | |
| | 10 | R4 | | R3 | |
| | 11 | R6 | | R5 | |
| | 12 | R8 | | R7 | |
| | 13 | R10 | | R9 | |
| | 14 | R12 | | R11 | |
| | 15 | R14 | | R13 | |
| | 16 | R16 | | R15 | |

| M5L: Resistors for NINO card in position #12 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | | R1 | |
| | 2 | R4 | | R3 | |
| | 3 | R6 | | R5 | |
| | 4 | R8 | | R7 | |
| | 5 | R10 | | R9 | |
| | 6 | R12 | | R11 | |
| | 7 | R14 | | R13 | |
| | 8 | R16 | | R15 | |
| | 9 | R2 | | R1 | |
| | 10 | R4 | | R3 | |
| | 11 | R6 | | R5 | |
| | 12 | R8 | | R7 | |
| | 13 | R10 | | R9 | |
| | 14 | R12 | | R11 | |
| | 15 | R14 | | R13 | |
| | 16 | R16 | | R15 | |

| M5L: Resistors for NINO card in position #13 | | | |
|---|---|---|---|
| Card | Pixel | R even (Ω) | R odd (Ω) |
| | 1 | R2 | R1 |
| | 2 | R4 | R3 |
| | 3 | R6 | R5 |
| | 4 | R8 | R7 |
| | 5 | R10 | R9 |
| | 6 | R12 | R11 |
| | 7 | R14 | R13 |
| | 8 | R16 | R15 |
| | 9 | R2 | R1 |
| | 10 | R4 | R3 |
| | 11 | R6 | R5 |
| | 12 | R8 | R7 |
| | 13 | R10 | R9 |
| | 14 | R12 | R11 |
| | 15 | R14 | R13 |
| | 16 | R16 | R15 |

| M5L: Resistors for NINO card in position #14 | | | | | |
|---|---|---|---|---|---|
| Card | Pixel | R even (Ω) | | R odd (Ω) | |
| | 1 | R2 | | R1 | |
| | 2 | R4 | | R3 | |
| | 3 | R6 | | R5 | |
| | 4 | R8 | | R7 | |
| | 5 | R10 | | R9 | |
| | 6 | R12 | | R11 | |
| | 7 | R14 | | R13 | |
| | 8 | R16 | | R15 | |
| | 9 | R2 | | R1 | |
| | 10 | R4 | | R3 | |
| | 11 | R6 | | R5 | |
| | 12 | R8 | | R7 | |
| | 13 | R10 | | R9 | |
| | 14 | R12 | | R11 | |
| | 15 | R14 | | R13 | |
| | 16 | R16 | | R15 | |