



- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

| 输出<br>输入 | 键值   |      |      |      |
|----------|------|------|------|------|
|          | BCD3 | BCD2 | BCD1 | BCD0 |
| K1       | 0    | 0    | 0    | 0    |
| K2       | 0    | 0    | 0    | 1    |
| K3       | 0    | 0    | 1    | 0    |
| K4       | 0    | 0    | 1    | 1    |
| K5       | 0    | 1    | 0    | 0    |
| K6       | 0    | 1    | 0    | 1    |
| K7       | 0    | 1    | 1    | 0    |
| K8       | 0    | 1    | 1    | 1    |
| 无按键      | 1    | 1    | 1    | 1    |

| Input |    |    |    | Channel ON   |
|-------|----|----|----|--------------|
| E     | S2 | S1 | S0 |              |
| L     | L  | L  | L  | Y0 to Z      |
| L     | L  | L  | H  | Y1 to Z      |
| L     | L  | H  | L  | Y2 to Z      |
| L     | L  | H  | H  | Y3 to Z      |
| L     | H  | L  | L  | Y4 to Z      |
| L     | H  | L  | H  | Y5 to Z      |
| L     | H  | H  | L  | Y6 to Z      |
| L     | H  | H  | H  | Y7 to Z      |
| H     | X  | X  | X  | switches off |



Do Re Mi Fa So Ra Si Do  
Touch pad made by PCB pattern and silk

Hiro Akihabara

Sheet: /  
File: ToyPiano.kicad\_sch

**Title: Touch Piano Toy**

Size: A4 Date: 2024-07-17

KiCad E.D.A. kicad (6.0.1)

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