

THUNDER & LIGHTNING 取扱説明書

- ① ゲーム名称 THUNDER & LIGHTNING
- ② PCBサイズ 230 (W) * 230 (D) * 20 (H) mm
- ③ PCB供給電圧 +5V 1A : +12V 1A

エッジコネクター ピン配列表

JAMMA規格

| 部 品 面 | 端子番号 | | 半 田 面 |
|--------------------|------|----|--------------------|
| GND | A | 1 | GND |
| GND | B | 2 | GND |
| +5V | C | 3 | +5V |
| +5V | D | 4 | +5V |
| 未使用 | E | 5 | 未使用 |
| +12V | F | 6 | +12V |
| POST | H | 7 | POST |
| COIN COUNTER B | J | 8 | COIN COUNTER A |
| COIN LOCKOUT B | K | 9 | COIN LOCKOUT A |
| スピーカー (-) | L | 10 | スピーカー (+) |
| 未使用 | M | 11 | 未使用 |
| VIDEO GREEN | N | 12 | VIDEO RED |
| VIDEO SYNC | P | 13 | VIDEO BLUE |
| SERVICE SWITCH | R | 14 | VIDEO GND |
| TILT SWITCH | S | 15 | 未使用 |
| COIN SWITCH B | T | 16 | COIN SWITCH A |
| SELECT SWITCH 2P | U | 17 | SELECT SWITCH 1P |
| 未使用 | V | 18 | 未使用 |
| 未使用 | W | 19 | 未使用 |
| 2P LEFT SWITCH | X | 20 | 1P LEFT SWITCH |
| 2P RIGHT SWITCH | Y | 21 | 1P RIGHT SWITCH |
| 2P ACTION SWITCH | Z | 22 | 1P ACTION SWITCH |
| 2P SPEED UP SWITCH | a | 23 | 1P SPEED UP SWITCH |
| 未使用 | b | 24 | 未使用 |
| 未使用 | c | 25 | 未使用 |
| 未使用 | d | 26 | 未使用 |
| GND | e | 27 | GND |
| GND | f | 28 | GND |

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DIP - SW (1)

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| TEST-MODE | ゲーム | OFF | | | | | | | |
| | テスト | ON | | | | | | | |
| 画面反転 | 正転 | | OFF | | | | | | |
| | 反転 | | ON | | | | | | |
| 筐体タイプ | テーブル | | | OFF | | | | | |
| | アップライト | | | ON | | | | | |
| コンパネ | 2個 | | | | OFF | | | | |
| | 1個 | | | | ON | | | | |
| デモサウンド | 無し | | | | | OFF | | | |
| | あり | | | | | ON | | | |
| 自機数 | 3 | | | | | | OFF | | |
| | 2 | | | | | | ON | | |
| 難易度 | NORMAL | | | | | | | OFF | OFF |
| | EASY | | | | | | | ON | OFF |
| | HARD | | | | | | | OFF | ON |
| | VERY HARD | | | | | | | ON | ON |

DIP - SW (2)

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
|---------------------------|--------|---|-----|-----|-----|-----|-----|-----|-----|-----|
| C O I N A | COIN | 1 | OFF | OFF | | | | | | |
| | | 2 | ON | OFF | | | | | | |
| | | 3 | OFF | ON | | | | | | |
| | | 4 | ON | ON | | | | | | |
| | CREDIT | 1 | | | OFF | OFF | | | | |
| | | 2 | | | ON | OFF | | | | |
| | | 3 | | | OFF | ON | | | | |
| | | 4 | | | ON | ON | | | | |
| C O I N B | COIN | 1 | | | | | OFF | OFF | | |
| | | 2 | | | | | ON | OFF | | |
| | | 3 | | | | | OFF | ON | | |
| | | 4 | | | | | ON | ON | | |
| | CREDIT | 1 | | | | | | | OFF | OFF |
| | | 2 | | | | | | | ON | OFF |
| | | 3 | | | | | | | OFF | ON |
| | | 4 | | | | | | | ON | ON |