|  |  |  |  |
| --- | --- | --- | --- |
| Executive Par 3 Golf Pin Usage | | | |
| PIN | USE | Input/Output | COMMENT |
| 5V | Power | Output | To power distribution block |
| GND | Ground | Output | To power distribution block |
| A0 | Reset Button | Input | Reset, Cancel or New Game |
| A1 | Two Player Button | Input | Default is one player, press for 2-player game |
| A2 |  |  |  |
| A3 |  |  |  |
| A4 |  |  |  |
| A5 |  |  |  |
| 1 |  |  |  |
| 2 | Single 7-segment | Output | What hole you are playing |
| 3 | Single 7-segment | Output | What hole you are playing |
| 4 | Single 7-segment | Output | What hole you are playing |
| 5 | Single 7-segment | Output | What hole you are playing |
| 6 | Single 7-segment | Output | What hole you are playing |
| 7 | Single 7-segment | Output | What hole you are playing |
| 8 | Single 7-segment | Output | What hole you are playing |
| 9 | IR Sensor for 1 | Input | Hole-In-One (Ace) |
| 10 | IR Sensor for 2 | Input | Birdie |
| 11 | IR Sensor for 3 | Input | Par |
| 12 | IR Sensor for 4 | Input | Bogey |
| 13 | LED - Green | Output | New game indicator on scoreboard |
| 14 |  |  |  |
| 15 |  |  |  |
| 16 |  |  |  |
| 17 |  |  |  |
| 18 |  |  |  |
| 19 |  |  |  |
| 20 | SDA (Data) | Output | I2C bus - for 4-digit 7-segment displays |
| 21 | SCL (Clock) | Output | I2C bus - for 4-digit 7-segment displays |
| 22 | LED - White | Output | Ace indicator on scoreboard |
| 23 |  |  |  |
| 24 | LED - Blue | Output | Bridie Indicator on scoreboard |
| 25 |  |  |  |
| 26 | LED - Yellow | Output | Par indicator on scoreboard |
| 27 |  |  |  |
| 28 | LED - Red | Output | Bogey indicator on scoreboard |
| 29 |  |  |  |
| 30 | LED - White | Output | Two-Player indicator on scoreboard |
| 31 |  |  |  |
| 32 |  |  |  |
| 33 |  |  |  |
| 34 |  |  |  |
| 35 | Button for 5 | Input | Double Bogey |
| 36 |  |  |  |