MCU

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 0x20 |  |  |  | SPEED |  |  | TIMER | |  | DIRECTION | XOR CHECKSUM |

ESP

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| 0x20 | COMMAND? | VALUE |  | XOR CHECKSUM |

COMMAND:

* 0x01 – heartbeat
* 0x02 – set speed
* 0x04 – set direction

**FROM REMOTE**

OFF

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 00 00 00 00 00 00 00 21

LOW SPEED

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 00 35

HIGH SPEED

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 64 00 00 00 00 00 00 45

HEX VALUE FROM 0 TO 100

SWITCH TO UP DIRECTION

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 00 35

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 C0 F5

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 C0 F5

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 C0 F5

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 C0 F5

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 C0 F5

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 80 B5

SWITCH TO DOWN DIRECTION

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 80 B5

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 40 75

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 40 75

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 40 75

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 40 75

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 40 75

[->] PIN 2: 20 01 00 00 21

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 00 35

TIMER 2H

[<-] PIN 16: 20 01 00 00 14 00 00 00 78 00 02 4F

[->] PIN 2: 20 01 00 00 21

TIMER 4H

[<-] PIN 16: 20 01 00 00 14 00 00 00 F0 00 02 C7

[->] PIN 2: 20 01 00 00 21

TIMER 8H

[<-] PIN 16: 20 01 00 00 14 00 00 01 E0 00 02 D6

[->] PIN 2: 20 01 00 00 21

TIMER OFF

[<-] PIN 16: 20 01 00 00 14 00 00 00 00 00 02 37

[->] PIN 2: 20 01 00 00 21

**FROM APP**

ON TO OFF

[->] PIN 2: 20 02 00 00 22

[<-] PIN 16: 20 02 00 00 00 00 00 00 00 00 00 22

OFF TO ON

[->] PIN 2: 20 02 14 00 36

[<-] PIN 16: 20 02 00 00 14 00 00 00 00 00 00 36

LOW SPEED TO HIGH SPEED

[->] PIN 2: 20 02 64 00 46

[<-] PIN 16: 20 02 00 00 64 00 00 00 00 00 00 46

ETC

SWITCH DIRECTION DOWN TO UP

[->] PIN 2: 20 04 01 00 25

[<-] PIN 16: 20 04 00 00 14 00 00 00 00 00 80 B0

SWITCH DIRECTION UP TO DOWN

[->] PIN 2: 20 04 00 00 24

[<-] PIN 16: 20 04 00 00 14 00 00 00 00 00 40 70