

| M5Stack Module HMI I2C Protocol | | | | | | | | | | | | | | | | | V1 (FW Version) | | |
|---------------------------------|-------------|---------------|---------------|---------------|---------------|---|---|---|---|---|---|---|---|---|---|---------|-----------------|---|--|
| | | | | | | | | | | | | | | | | | 2022/11/11 | | |
| REG MAP (Addr:0x41) | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F | note | |
| Counter Value (accumulate) | 0x00 R/W | Cnt- byte0 | Cnt- byte1 | Cnt- byte2 | Cnt- byte3 | | | | | | | | | | | | | Cnt: -2147483648-2147483647 (will be reset after set reg 0x40) | |
| Increment Value | 0x10 R | Inc- byte0 | Inc- byte1 | Inc- byte2 | Inc- byte3 | | | | | | | | | | | | | Cnt: -2147483648-2147483647 (will be reset after get) | |
| Button Value | 0x20 R | Btn-S | Btn-1 | Btn-2 | | | | | | | | | | | | | | BNT: 0~1 | |
| LED | 0x30 R/W | LED-1 | LED-2 | | | | | | | | | | | | | | | LED: 1, LED on; 0, LED off | |
| Counter Reset | 0x40 W | Cnt- RST | | | | | | | | | | | | | | | | RST: write 1 to reset counter | |
| Firmware Version | 0xF0 R | | | | | | | | | | | | | | | Version | | Version: firmware version number | |
| I2C Address | 0xF0 R/W | | | | | | | | | | | | | | | | Address | Address: 1~127 | |