

Fuse- & Lock-Bits

Fuse- & Lock-Bits mySmartUSB MK2 an COM6 mit ATtiny2313

Standardwerte einstellen

Übernehmen

Verlassen

Achtung das verändern der Fuse-Bits kann dazu führen, dass der Prozessor nicht mehr programmierbar bzw. überhaupt erreichbar wird.

Hardware Auslesen

Jetzt Schreiben

Low Fuse (0xFF)	High Fuse (0xDC)	Extended Fuse (0xF8)	Lockbits (0xFF)
1 1 1 1 1 1 1 1	1 1 0 1 1 1 0 0	1 1 1 1 1 1 0	1 1 1 1 1 1 1 1

Low Fuse

High Fuse

Extended Fuse

Lockbits

Divide clock by 8 internally

Clock output on PORTD2

Select Clock Source: Ext. Clock; Start-up time: 14 CK + 0 ms

Select Clock Source: Ext. Clock; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Clock; Start-up time: 14 CK + 65 ms

Select Clock Source: Int. RC Osc. 4 MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Int. RC Osc. 4 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Int. RC Osc. 4 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Int. RC Osc. 8 MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Int. RC Osc. 8 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Int. RC Osc. 8 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Int. RC Osc. 128 kHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Int. RC Osc. 128 kHz; Start-up time: 14 CK + 4 ms

Select Clock Source: Int. RC Osc. 128 kHz; Start-up time: 14 CK + 64 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 0.4-0.9 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 0.9-3.0 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 0.9-3.0 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 0.9-3.0 MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Ext. Crystal Osc. 0.9-3.0 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 0.9-3.0 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 3.0-8.0 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 3.0-8.0 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 3.0-8.0 MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Ext. Crystal Osc. 3.0-8.0 MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 3.0-8.0 MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 65 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 0 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 4.1 ms

Select Clock Source: Ext. Crystal Osc. 8.0- MHz; Start-up time: 14 CK + 65 ms

Calibration

OscCal 0 (8 MHz): 0

OscCal 1 (4 MHz): 0

Fuse- & Lock-Bits

Standardwerte einlesen

Speichern

Verändern

Achtung das verändern der Fuse-Bits kann dazu führen, dass der Prozessor nicht mehr programmierbar bzw. überhaupt erreichbar wird.

Hardware Auslesen

Jetzt Schreiben

Low Fuse (0xEC)	High Fuse (0xD9)	Extended Fuse (0xFF)	Lockbits (0xFF)
1 1 1 0 1 1 0 0	1 1 0 1 1 0 0 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1

☐ Low Fuse

☐ High Fuse

☐ Extended Fuse

☐ Lockbits

☐ Debug Wire enable

☐ Preserve EEPROM through the Chip Erase cycle

☒ Serial program downloading (SPI) enable

☐ Watch-dog Timer always on

☒ Brown-out Detector trigger level: Brown-out detection at VCC=4.3 V

☐ Brown-out Detector trigger level: Brown-out detection at VCC=2.7 V

☐ Brown-out Detector trigger level: Brown-out detection at VCC=1.8 V

☐ Brown-out Detector trigger level: Brown-out detection disabled

☐ External reset disable

Fuse- & Lock-Bits

Standardwerte einsetzen

Übernehmen

Vorlesen

Achtung das verändern der Fuse-Bits kann dazu führen, dass der Prozessor nicht mehr programmierbar bzw. überhaupt erreichbar wird.

Hardware Auslesen

Jetzt Schreiben

Low Fuse (0xEC)	High Fuse (0xD9)	Extended Fuse (0xFF)	Lockbits (0xFF)
1 1 1 0 1 1 0 0	1 1 0 1 1 0 0 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1

☐ Low Fuse

☐ High Fuse

☐ Extended Fuse

☐ Lockbits

☐ Self Programming enable

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Verlassen

Achtung das verändern der Fuse-Bits kann dazu führen, dass der Prozessor nicht mehr programmierbar bzw. überhaupt erreichbar wird.

Hardware Auslesen

Jetzt Schreiben

Low Fuse (0xFF)	High Fuse (0xD8)	Extended Fuse (0xF8)	Lockbits (0xFF)
1 1 1 1 1 1 1 1	1 1 0 1 1 0 0 0	1 1 1 1 1 1 1 0	1 1 1 1 1 1 1 1

☐ Low Fuse

☐ High Fuse

☐ Extended Fuse

☐ Lockbits

☐ Memory Lock: Further programming and verification disabled

☐ Memory Lock: Further programming disabled

☒ Memory Lock: No memory lock features enabled

FuseBits, MyAVR, Modellbahn, Decoder

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