

### 3.3.2C

22.09.24: - Added the "#define USE\_SX\_INTERFACE" line back to modul M06\_Write\_Header. For some readins this line has been removed from 3.3.2 to 3.3.2C. It is important to use Selectrix

- change to beta 3.3.2C
- LEDs\_AutoProg.ino: Changed the selectrix pin definitions:
 

```
#define SX_SIGNAL_PIN 13 // 22.09.24: Old: 4
#define SX_CLOCK_PIN 4 // 22.09.24: Old: 13
```

 Now they should work with the ESP32 Adapter and the new ESP32 mainboard
- Attention: With FastLED version 3.4.0 the WS2812 LEDs sometimes flash when quick changes to the locomotive speed are made. With version 3.6.0 and higher this no longer occurs.

### 3.3.2B

10.03.24: - add SI\_LocalVar to predefined system variables

- add replacement of "\$" in macro arguments

<https://www.stummiforum.de/t165060f7-MobaLedLib-LEDs-Servos-Sound.html#msg2643729>

- force a rebuild if ALT key is pressed
- empty compiler cache if last ATmega build failed

<https://www.stummiforum.de/t222466f195-MobaLedLib-Arduino-Upload-geht-nicht.html#msg2649211>

- import latest version of GetLocalOneDrivePath script from <https://gist.github.com/guwidoe/038398b6be1b16c458365716a921814d>

### 3.3.2A

29.12.23: - keep active sheet on Update\_All\_Start\_LedNr function exit

18.01.24: - new function SafeChDriveAndDir with Additional check for network drives (#11425)

19.01.24: - improved selection of old prog generator filename when updating to new release/beta

- add experimental support of LNet for ESP32

20.01.24: - fix LastFilledRowIn\_ChkAll

- fix detection of first RGB\_Heartbeat line while import
- change release to beta 3.3.2A

### 3.2.1A

04.11.22 fix SwitchC issue with ESP32

### 3.2.1B

20.12.22 add missing code for old "slow" build

21.12.22 fix issue that AVR build fails caused by vbcr in LEDs\_Autoprog.h

-> replace by vbcrLf

### 3.2.1C

21.12.22 add missing macros InCh\_to\_LocalVar, InCh\_to\_LocalVar1 and Bin\_InCh\_to\_TmpVar1 to sheet Lib\_Macros

05.01.23 Store\_Status: support SwitchB, extend max. InCnt to 63, check max InCnt, use Set\_Input for SwitchB

14.01.23 Add macro SingleLedSignal and SingleLedSignalEx

### 3.2.1D

10.03.23 Support of new input type "feedback"

10.03.23 process CAN messages from ATTiny\_CAN\_GBM module

10.03.23 new macro include to include excel sub sheets

10.03.23 experimental support of ProgGenerator stored in a Onedrive folder

21.03.23 if SEND\_INPUT is enabled also SwitchA, SwitchD and Variable changes are notified

09.04.23 GEN\_BUTTON\_RELEASE mode are now settable in config sheet

18.04.23 Finalize include sheet feature

26.05.23 fix issue that AVR build fails caused by vbcr in LEDs\_Autoprog.h

-> replace by vbcrLf

### 3.2.1E

18.05.23: - LNet support for Arduino platform added

13.09.23: - Hardi: Merged Hardis changes for the Word Clock

Added OutCnt to the MLL Extentions

Don't generate warning if "Pattern" macro is found

Added define COPYLED\_OFF and COPYLED\_OFF\_ONCE

### 3.2.1F

15.09.23: - New Macro Set\_LEDNr added

18.09.23: - New Macro CopyNLEDs added

20.10.23: - Juergen: fix #10763

23.10.23: - Juergen: revert one of Hardis changes - fixes problem #10 reported by Nessie

### 3.2.1H

29.11.23: - Hardi:New Icons from Michael

### 3.2.1I

30.11.23: - Hardi: Added Juergens changes again

### 3.2.1J

04.11.23: - Juergen: fix #10159 - fastbuild.cmd has wrong Unix line ending

04.12.23: - Juergen ensure that included sheet uses same protocol as the main sheet

09.12.23: - Juergen add experimental support of ATmega328PB  
- enable bootloader update without need to set jumpers  
(Mainboard version >= 1.8.2)

From:

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Last update: **2024/10/23 16:44**

