3.4.0A

```
  29.05.25:  Verbesserungen:
             - Misha's Erweiterungen, um Led-Kanalauswahl mit Multiplexer
Makro zu ermöglichen
             - einige Prüfungen für Pico-Plattform hinzugefügt
             - experimentelle Lichtsensor Unterstützung für Pico-Plattform
(LDR)
             - Hilfe-Link im PatternConfigurator angepasst
              Fehlerbehebungen:
             - Fehler bei Export in Datei Problem „Fehler... beim Speichern
einer MLL-Datei (.pgf)" siehe viewtopic.php?t=134
             - Last rebuild failed - Tastendruck erforderlich siehe
viewtopic.php?t=182
             - Fehlermeldung beim Erstellen einer Pushbuttonfunktion siehe
viewtopic.php?t=193
             - Fehlermeldung bei Random-Befehlen siehe viewtopic.php?t=161
             - Fehler beim Kopieren von versteckten Blättern behoben siehe
viewtopic.php?p=1538
             - Fehler beim Kopieren von Blatt zu Blatt behoben
```

3.3.2G

```
  23.04.25: - add FastLED revive and fault display feature
            - improve ESP32 startup time
            - limit ESP32 RMT channels to 6
            - improve counting and display of freezes/delays
            - remove limit ESP32 RMT channels
            - fix bug with wrong send buffer size for SEND_INPUTS
              Siehe auch die neue Version 3.4.0
```

3.3.2E

```
  18.12.24: - fix issue: "ESP32 and hieroglyphics for MLL time" To-Dos#20
            - reset the ESP32 watchdog while in color-test loop
            - for Pico change DCC_SIGNAL_PIN from 22 to 28, DCC_SIGNAL_PIN
may also be set externally
```

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 importand 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#msg26
43729
            - 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_RELASE mode are now setable 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)
```

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