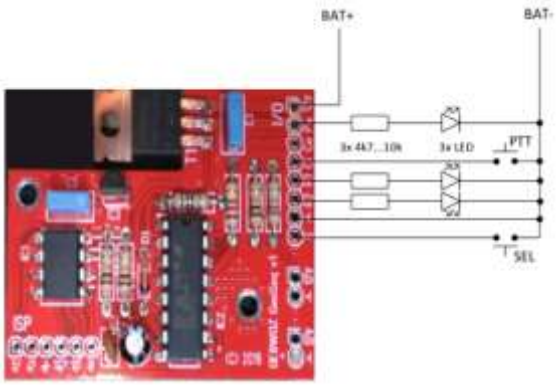
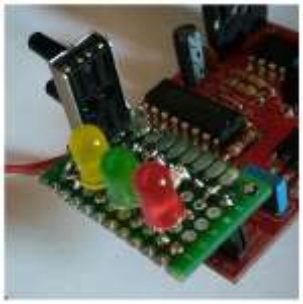
Reconfiguration of sequencer behaviour (using standard GenSeq V1 firmware V1.0.0):

Setup:



- Use LEDs from R1, R2 and PA to GND (with series resistors!).
- Use pushbutton switches on S and Ci (PTT) to GND (careful, S is unprotected 5V only).
- Supply the board with 8…15V

Check configuration:



- Power off board, remove all loads and replace with the circuitry described in setup.
- Press S and Ci buttons (inputs low) and then power board
    - R2 will be on and R1, PA will be off as long as the buttons are pressed
- Release Ci, then S button
    - All LED will be off
- Press and **release** S button
    - R1 will blink three times, each time it represents a setting whether it blinks long or short:

GenSeq Configuration	first blink of LED-R1 (delay time 160/40ms)	second blink of LED-R1 (latching/failsafe)	third blink of LED-R1 (common -/+)
Latching, C-, 160ms	short	short	short
Latching, C-, 40ms	long	short	short
Latching, C+, 160ms	short	short	long
Latching, C+, 40ms	long	short	long
Failsafe, 160ms	short	long	short
Failsafe, 40ms	long	long	short

- Press and release Ci button
    - R2 will blink shortly to show configuration mode is left
    - Sequencer board is ready to use
    - You can check with the connected LEDs the functionality when pressing Ci(PTT)

Change a setting:

- Power off board, remove all loads and replace with the circuitry described in setup.
- Press S and Ci buttons (inputs low) and then power board
    - R2 will be on and R1, PA will be off as long as the buttons are pressed
- Release Ci, then S button (up to here entry is similar to above)
    - All LED will be off
- Press and **hold** S button
    - R1 will blink three times (see above)

- To toggle the first, second or third position from short to long (or vice versa), press and release the Ci button (while still holding the S button) once, twice or three times
- Release the S button
    - R2 will blink once to commit the reprogramming
- Press and release S button
    - R1 will blink three times (see above), check that the setting was correctly programmed
- You can now either press and hold the S button
    - for another reprogramming (and continue the same procedure again)

- Or press and **release** Ci button
    - R2 will blink shortly to show configuration mode is left
    - Sequencer board is ready to use
- You can check with the connected LEDs the functionality when pressing Ci(PTT)