

Final Task EIB3 WS24|25

Niklas Bachmann
Manuel König

23. Januar 2025

1 Schematics

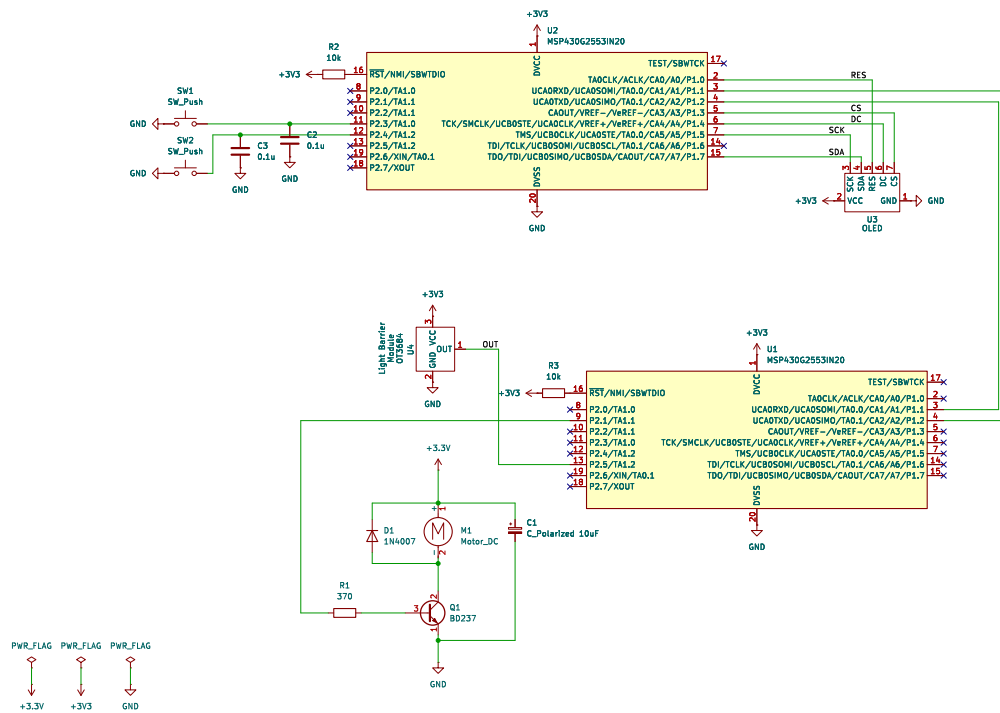


Abbildung 1: Project scheme

2 Structograms

2.1 Motor-Controller

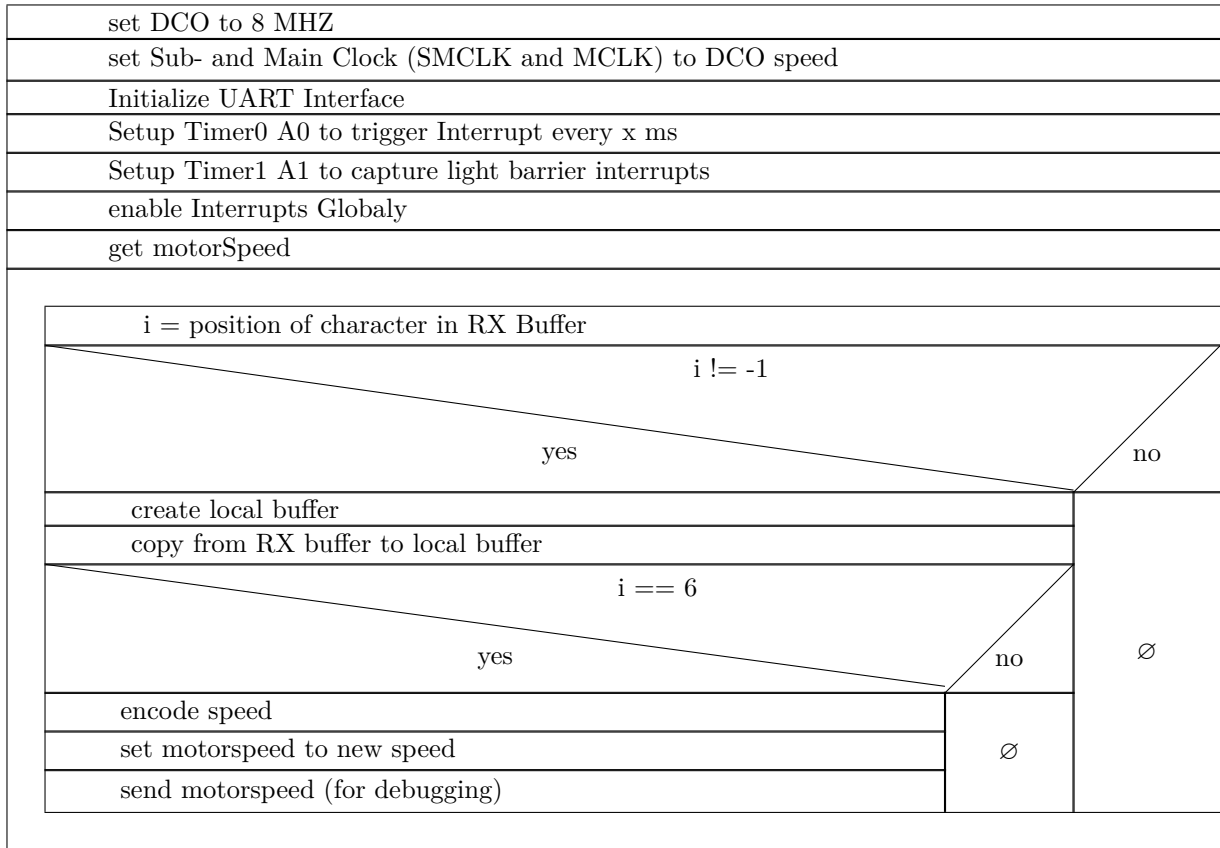


Abbildung 2: Motor-Controller Main function

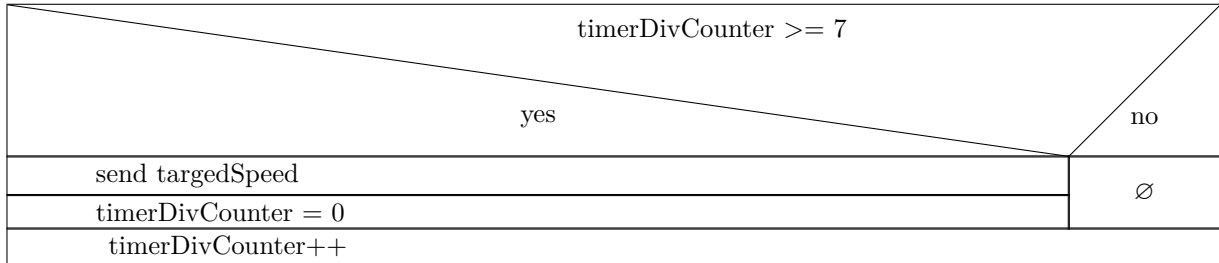


Abbildung 3: Motor-Controller Timer0_A0 ISR

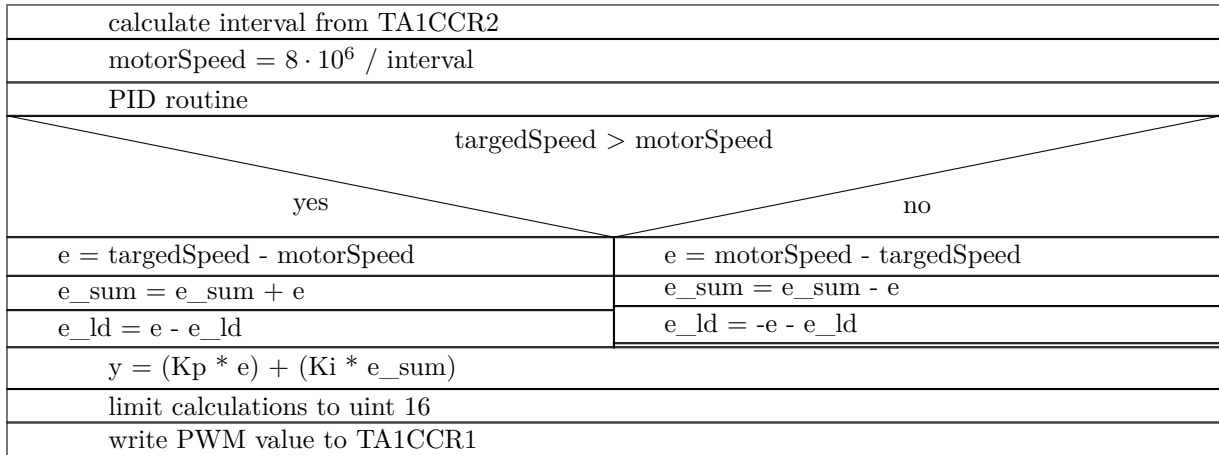


Abbildung 4: Motor-Controller Timer1_A1 ISR

2.2 Display-Controller

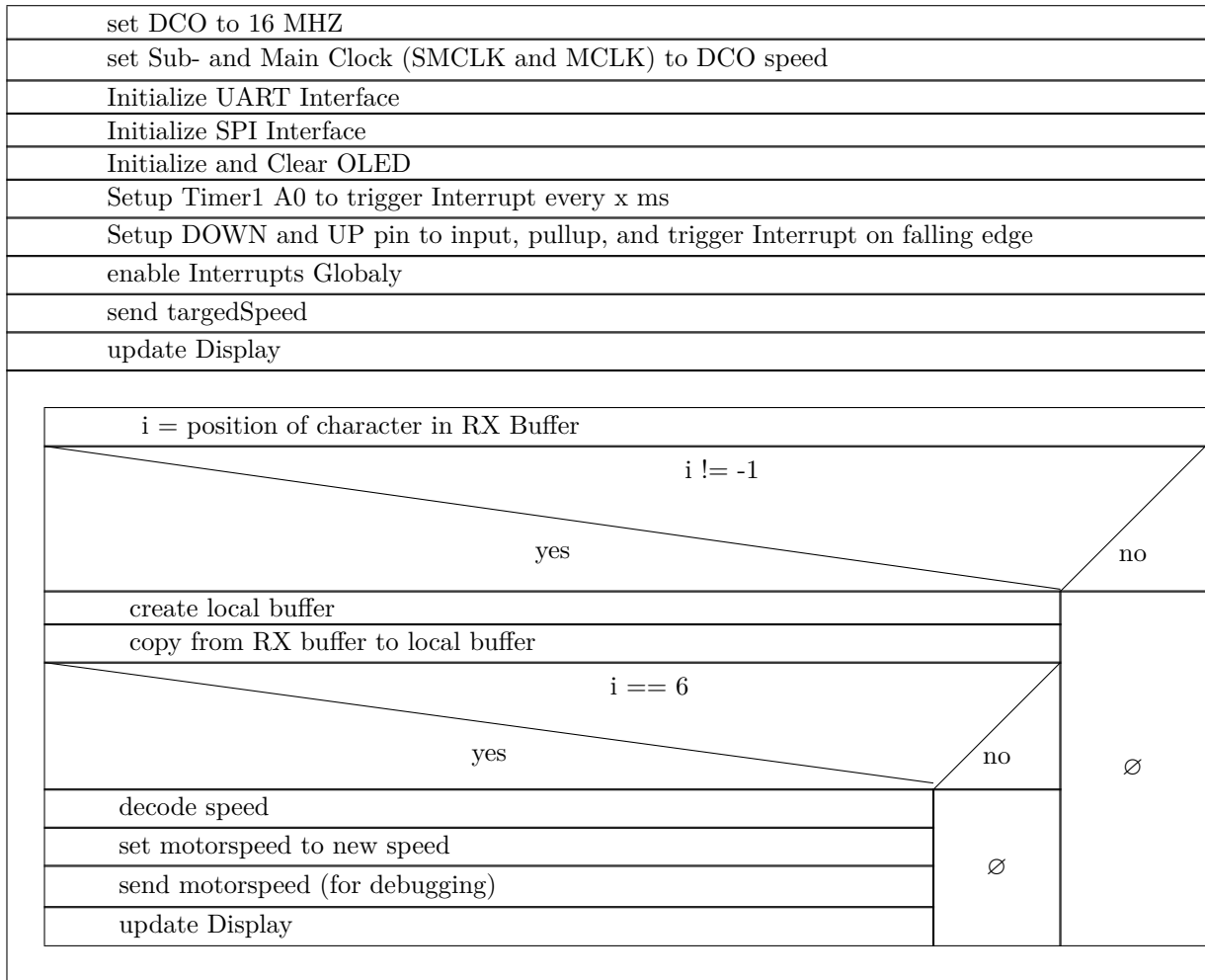


Abbildung 5: Display-Controller Main function

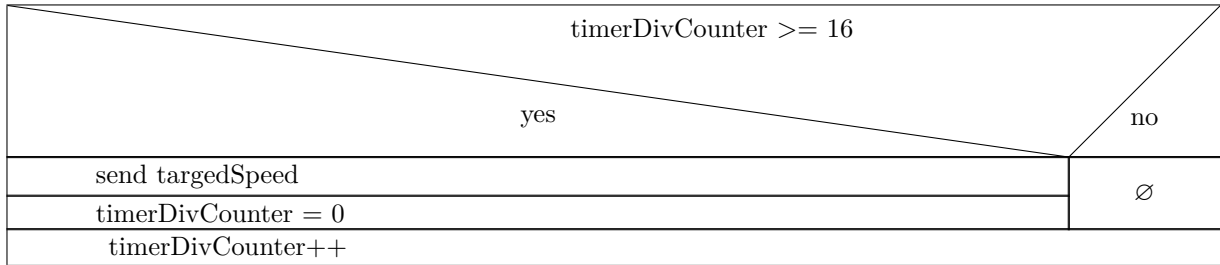


Abbildung 6: Display-Controller Timer1_A0 ISR

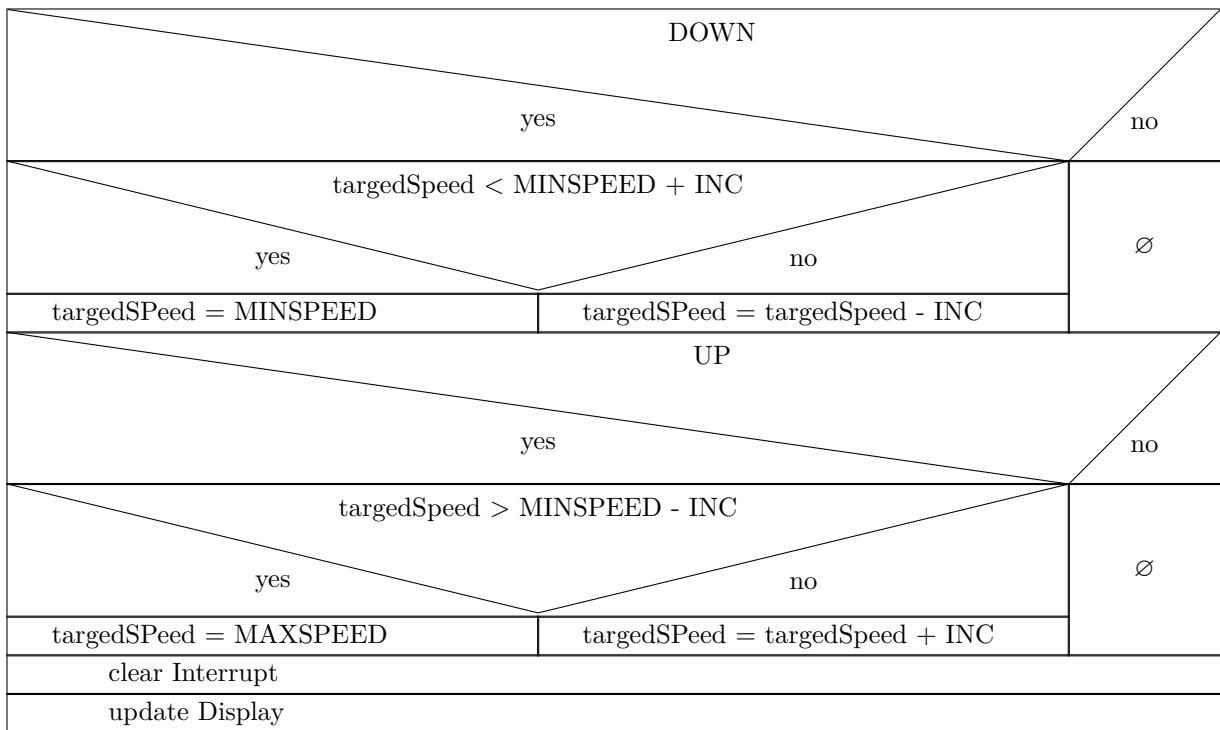


Abbildung 7: Display-Controller Button UP and DOWN ISR