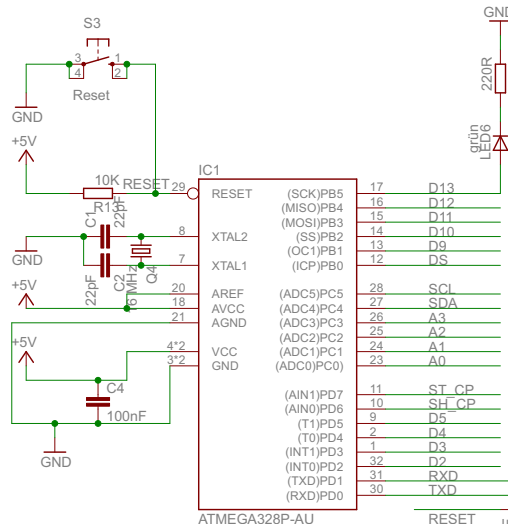
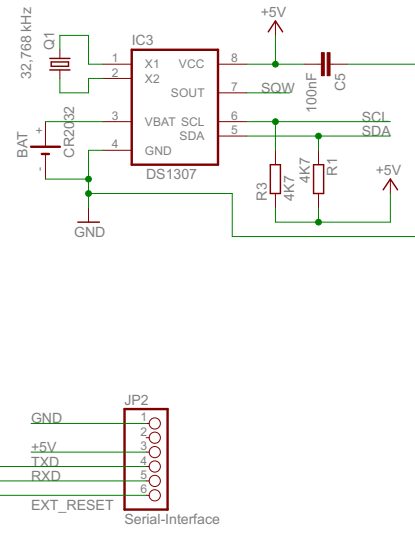


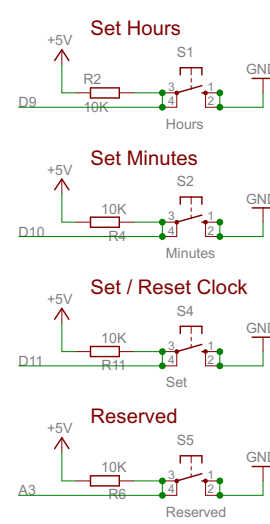
Arduino Basic SMD



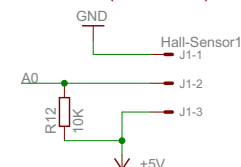
Realtime Clock



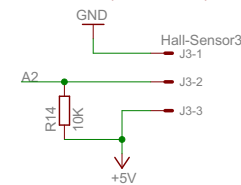
Input-/Output-Control



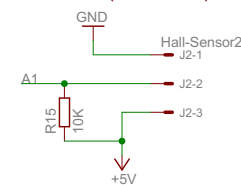
Hall-Sensor 1 (low active)



Hall-Sensor 3 (low active)



Hall-Sensor 2 (low active)

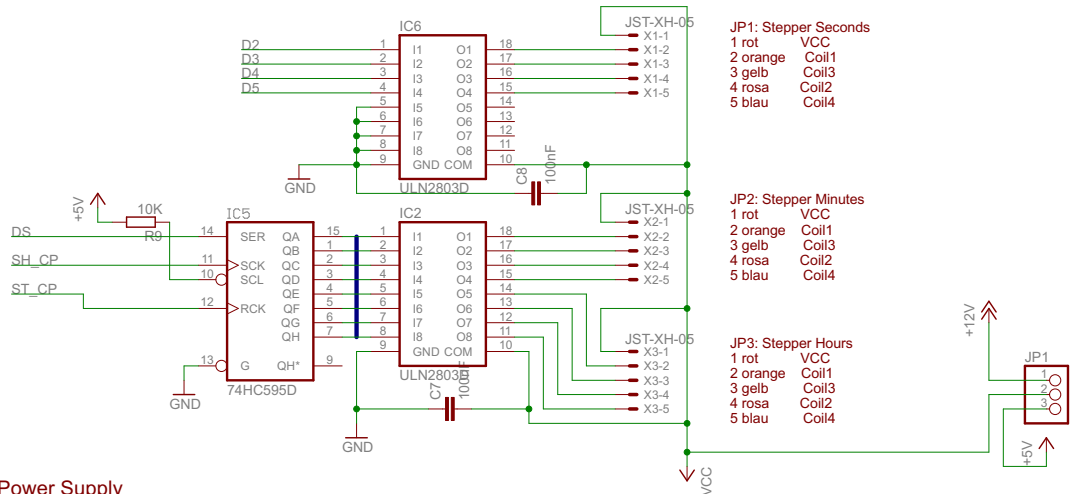


Settings-LED

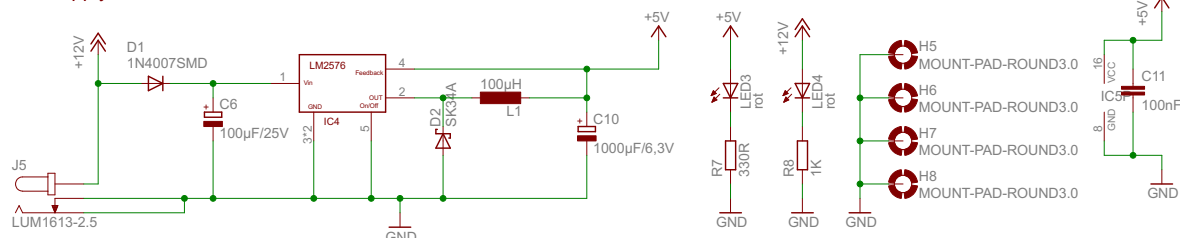


Porterweiterung mit Schieberegister

Motordriver



Power Supply



BallClock:
Arduino steuert drei Stepper 28BYJ-48 an.

D0 TXD
D1 RXD
D2 S1Coil1
D3 S1Coil3
D4 S1Coil2
D5 S1Coil4
D6 Clock (SH_CP)
D7 Latch (ST_CP)
D8 Data (DS)
D9 Pushbutton Hours
D10 Pushbutton Minutes
D11 Pushbutton Set-Mode
D12 Setting-LED
D13 LED BuiltIn
A0 Hall-Sensor Seconds
A1 Hall-Sensor Minutes
A2 Hall-Sensor Hours
A3 Pushbutton Reserved
A4 SDA
A5 SCL

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BallClockReady
03.01.2023 13:11:29
Sheet: 1/1