|  |  |  |  |
| --- | --- | --- | --- |
| null | References | Value | Quantity |
| 1 | C1 | 0,1 µF | 1 |
| 2 | C2 | 0,01 µF | 1 |
| 3 | C3 | 680uF/50V | 1 |
| 4 | R1 | 220k | 1 |
| 5 | R2 | 17k8 | 1 |
| 6 | R3 | 0.2R | 1 |
| 7 | D1 | display | 1 |
| 8 | U1 | L78S05CV | 1 |
| 9 | A1 | Arduino\_Mega2560\_R3\_Shield | 1 |
| 10 | IO1, IO2, IO10, IO11 | MCP41HV51-502E | 4 |
| 11 | IO4, IO5, IO12, IO13 | MCP41HV51-104E | 4 |
| 12 | M1, M2 | CC CV module | 2 |
| 13 | E1 | enkoder U | 1 |
| 14 | E2 | enkoder I | 1 |
| 15 | IO3 | rele\_2x | 1 |
| 16 | IO7 | step\_up | 1 |
| 17 | IO8 | rele\_4x | 1 |
| 18 | IO9 | ADS1115\_I2C | 1 |
| 19 | IO14 | H\_mustek | 1 |
| 20 | J1 | +12v | 1 |
| 21 | J2 | GND | 1 |
| 22 | J3 | +12v 2 | 1 |
| 23 | J4 | GND2 | 1 |
| 24 | J5 | out+ regulated | 1 |
| 25 | J6 | out- | 1 |
| 26 | J7 | FAN1+ | 1 |
| 27 | J8 | FAN1- | 1 |
| 28 | J9 | FAN2+ | 1 |
| 29 | J10 | FAN2- | 1 |