19 PB2 16 25 26 24 23 18 PB1 15 ATmega48 Reset 7 VCC 8 GND 10 13 14 11 12 6 9 Original pin numbers DB25 connector: **JOK 11**+25 11+25 11+25 NC // High level on both PB1 and PB2 +5V // Stop PORTB &= ~((1<<PB1)|(1<<PB2)) // destroys the Kemo M107! 100µF green yellow black white red (thick) red (thin) PORTB &= $\sim (1 << PB2)$ 10 PORTB &= ~ (1<<PB1) PORTB |= (1<<PB2) PORTB |= (1<<PB1) LM2940-5.0 Kemo M107 // Backwards CAUTION: // Forward **SPLIT POWER** + DC-MOTOR 0 10μF **|** 25V ' $\frac{1}{2}$ 6 Pollin 404.980 Motor **KEMO M107 Testing Circuit** (c) 2012 Jürgen Weigert < jnweiger@gmail.com> https://code.google.com/p/xxl-cnc-heissdraht/ 10000L 10000L 25V 25V $12 \text{V} \sim 60 \text{VA}$