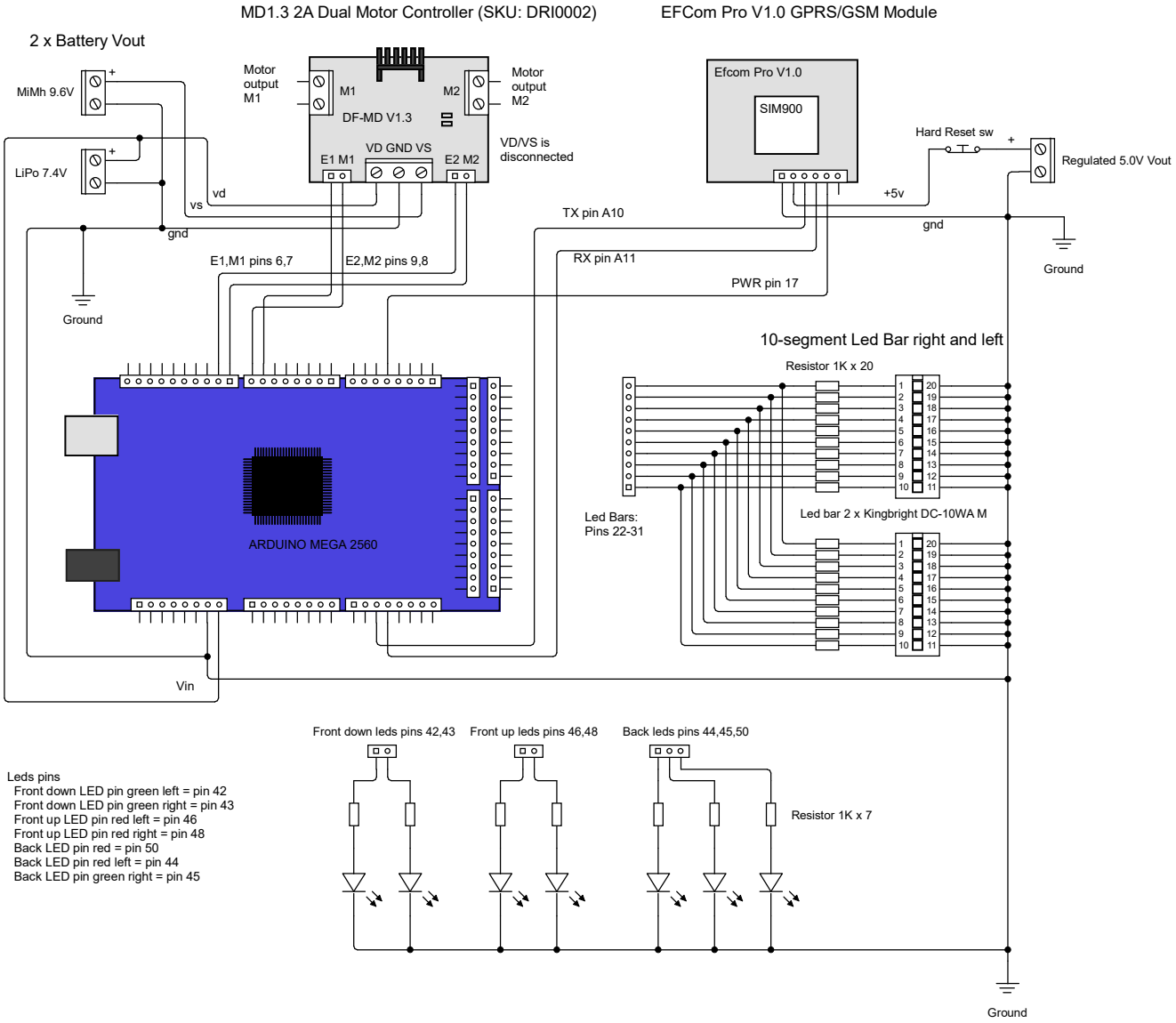
Guardian Arduino Circuit 1
Jaakko Muhonen
www.robolab.fi

MD1.3 2A Dual Motor Controller pins
E1 = 6 pin (right motor speed)
M1 = 7 pin (right motor turn on and direction)
E2 = 9 (left motor speed)
M2 = 8 (left motor turn on and direction)

EFCom Pro V1.0 GPRS/GSM Modulepins
Arduino RX A10(64) Efcom TX-pin
Arduino A11(65) TX Efcom RX-pin
Arduino 17 Pin Efcom PWR-Pin

Led Bar pins
Led Bar first pin = 22
Led Bar last pin =31



Leds pins
Front down LED pin green left = pin 42
Front down LED pin green right = pin 43
Front up LED pin red left = pin 46
Front up LED pin red right = pin 48
Back LED pin red = pin 50
Back LED pin red left = pin 44
Back LED pin green right = pin 45