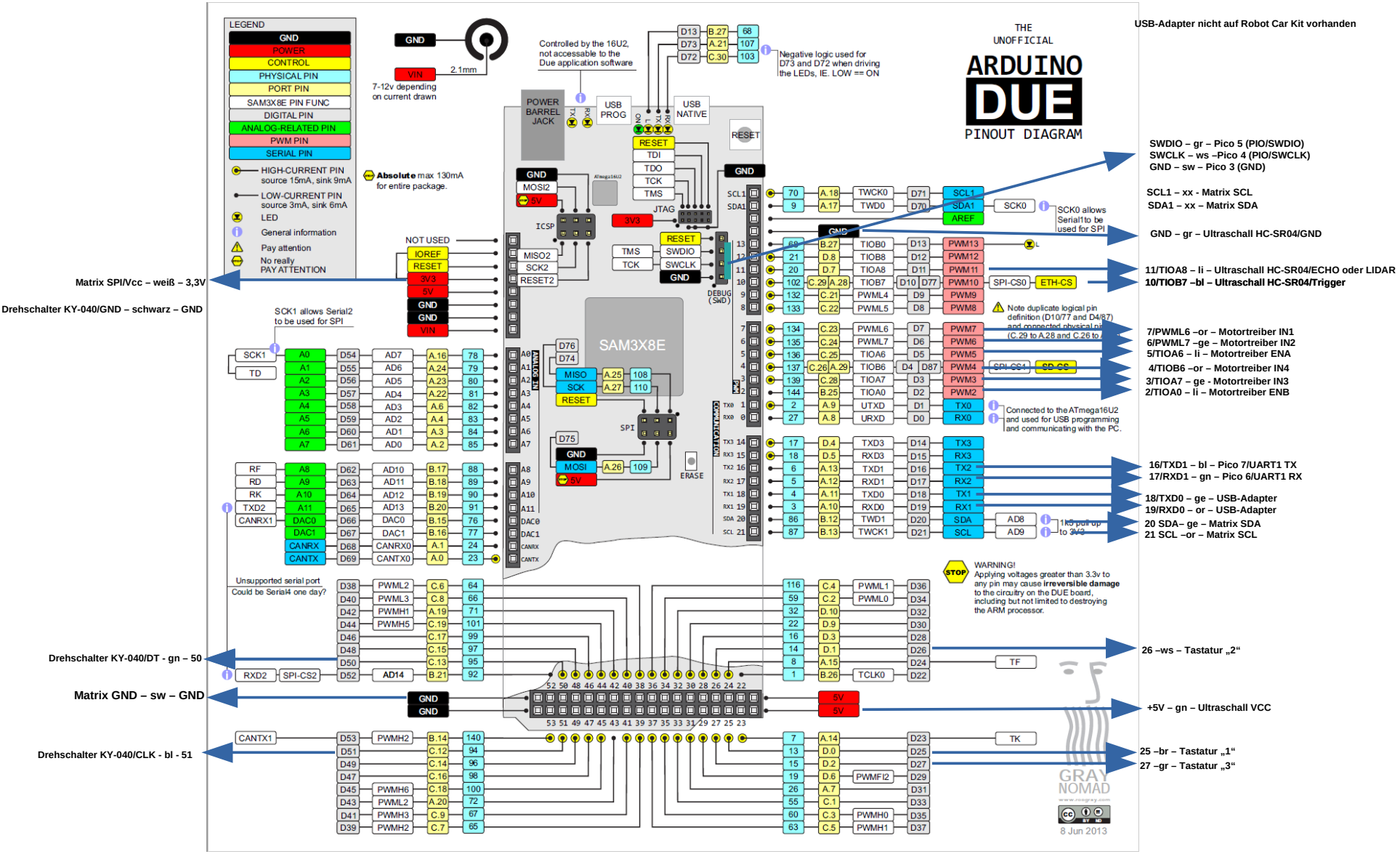
Arduino Due – Board Pinout (auf Laborbretter & Mobiler Plattform Robot Car Kit)



USB-Adapter nicht auf Robot Car Kit vorhanden

SWDIO – gr – Pico 5 (PIO/SWDIO)
SWCLK – ws –Pico 4 (PIO/SWCLK)
GND – sw – Pico 3 (GND)

SCL1 – xx - Matrix SCL
SDA1 – xx – Matrix SDA

GND – gr – Ultraschall HC-SR04/GND

11/TIOA8 – li – Ultraschall HC-SR04/ECHO oder LIDAR
10/TIOB7 –bl – Ultraschall HC-SR04/Trigger

Matrix SPI/Vcc – weiß – 3,3V

Drehschalter KY-040/GND – schwarz – GND

7/PWML6 –or – Motortreiber IN1
6/PWML7 –ge – Motortreiber IN2
5/TIOA6 – li – Motortreiber ENA
4/TIOB6 –or – Motortreiber IN4
3/TIOA7 – ge - Motortreiber IN3
2/TIOA0 – li – Motortreiber ENB

16/TXD1 – bl – Pico 7/UART1 TX
17/RXD1 – gn – Pico 6/UART1 RX
18/TXD0 – ge – USB-Adapter
19/RXD0 – or – USB-Adapter
20 SDA– ge – Matrix SDA
21 SCL –or – Matrix SCL

Drehschalter KY-040/DT - gn – 50

26 –ws – Tastatur „2“

Matrix GND – sw – GND

+5V – gn – Ultraschall VCC

Drehschalter KY-040/CLK - bl - 51

25 –br – Tastatur „1“
27 –gr – Tastatur „3“