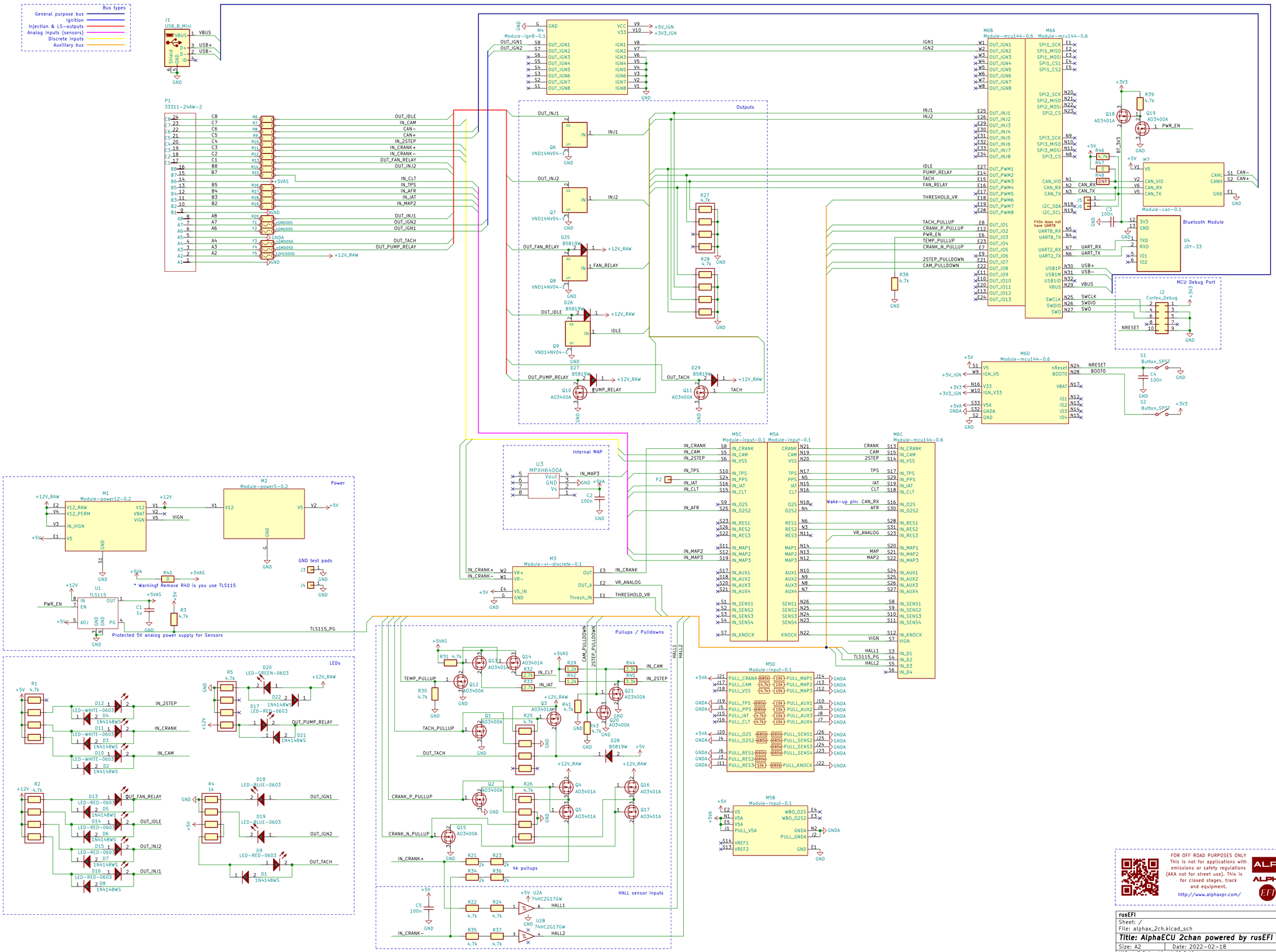
Bus types
General purpose bus
Ignition
Injection & LS-outputs
Analog inputs (sensors)
Discrete inputs
Auxiliary bus
J1 USB_B_Mini
P1 33311-24AW-2
M4 Module-ign8-0.1
M6B Module-mcu144-0.6
M6A Module-mcu144-0.6
Outputs
M7 Module-can-0.1
Bluetooth Module
U4 JDY-33
MCU Debug Port
J2 Cortex_Debug
M6D Module-mcu144-0.6
Internal MAP
U3 MPXH6400A
M5C Module-input-0.1
M5A Module-input-0.1
M6C Module-mcu144-0.6
M3 Module-vr-discrete-0.1
Power
M1 Module-power12-0.2
M2 Module-power5-0.2
GND test pads
* Warning! Remove R40 is you use TLS115
Protected 5V analog power supply for Sensors
LEDs
Pullups / Pulldowns
4k pullups
HALL sensor inputs
M5D Module-input-0.1
M5B Module-input-0.1
FOR OFF ROAD PURPOSES ONLY
This is not for applications with emissions or safety regulations (AKA not for street use). This is for closed stages, track and equipment.
http://www.alphaxpr.com/
Board info
ALPHA X
ALPHA ECU
rusEFI
Sheet: /
File: alphax_2ch.kicad_sch
Title: AlphaECU 2chan powered by rusEFI
Size: A2
Date: 2022-02-18
Rev: B
KiCad E.D.A. kicad (6.0.1)
Id: 1/1