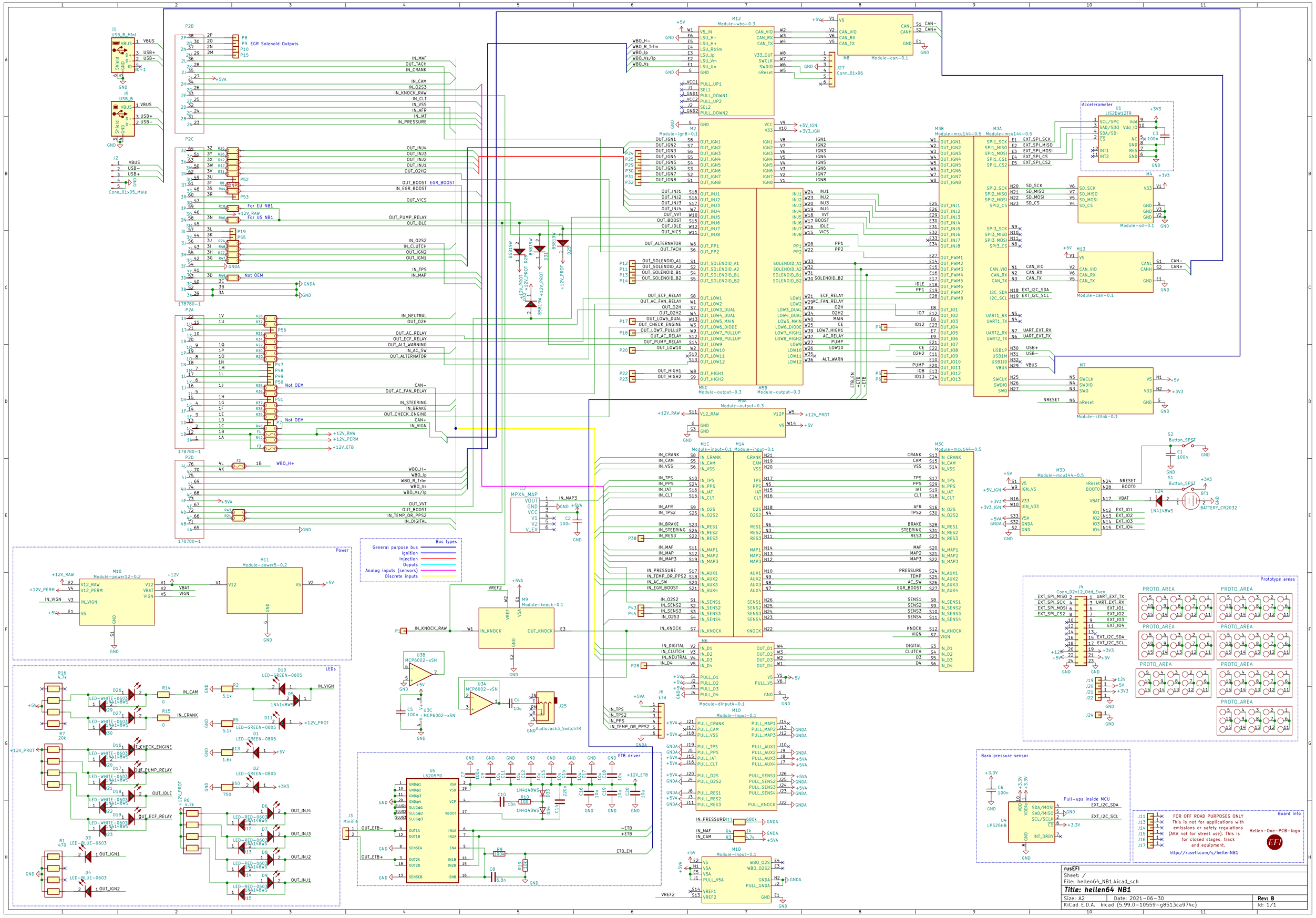
J1
USB_B_Mini
J5
USB_B
J2
Conn_01x05_Male
P2B
P8
P9 EGR Solenoid Outputs
P10
P15
P2C
P52
P53
For EU NB1
For US NB1
P19
P55
Not OEM
178780-1
P2A
P56
P47
P48
P49
P50
P51
P7
Not OEM
P2D
WBO_H+
M12
Module-wbo-0.3
V5
Module-can-0.1
J27
Conn_01x06
M2
Module-ign8-0.1
M3B
Module-mcu144-0.5
M3A
Module-mcu144-0.5
Accelerometer
U1
LIS2DW12TR
M4
Module-sd-0.1
M13
Module-can-0.1
M7
Module-stlink-0.1
M5C
Module-output-0.3
M5B
Module-output-0.3
M5A
Module-output-0.3
M1C
Module-input-0.1
M1A
Module-input-0.1
M3C
Module-mcu144-0.5
M3D
Module-mcu144-0.5
S2
Button_SPST
S1
Button_SPST
BT1
BATTERY_CR2032
D24
1N4148WS
U2
MPX4_MAP
C2
100n
Power
M10
Module-power12-0.2
M11
Module-power5-0.2
Bus types
General purpose bus
Ignition
Injection
Ouputs
Analog inputs (sensors)
Discrete inputs
M9
Module-knock-0.1
U3B
MCP6002-xSN
U3A
MCP6002-xSN
U3C
MCP6002-xSN
J25
AudioJack3_SwitchTR
M6
Module-dinput4-0.1
J6
ETB
M1D
Module-input-0.1
M1B
Module-input-0.1
LEDs
R16
4.7k
R7
20k
R6
4.7k
D3
LED-BLUE-0603
D4
LED-BLUE-0603
R1
470
D10
LED-GREEN-0805
D5
1N4148WS
D11
LED-GREEN-0805
D1
LED-GREEN-0805
D2
LED-GREEN-0805
D26
D27
D16
D17
D18
D19
LED-WHITE-0603
1N4148WS
D6
D7
D8
D9
LED-RED-0603
1N4148WS
ETB driver
U5
L6205PD
J3
MiniFit
Prototype areas
J4
Conn_02x12_Odd_Even
PROTO_AREA
Baro pressure sensor
U4
LPS25HB
Pull-ups inside MCU
Board info
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://rusefi.com/s/hellenNB1
Hellen-One-PCB-logo
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Title: hellen64 NB1
Size: A2
Date: 2021-06-30
Rev: B
KiCad E.D.A. kicad (5.99.0-10559-g8513ca974c)
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