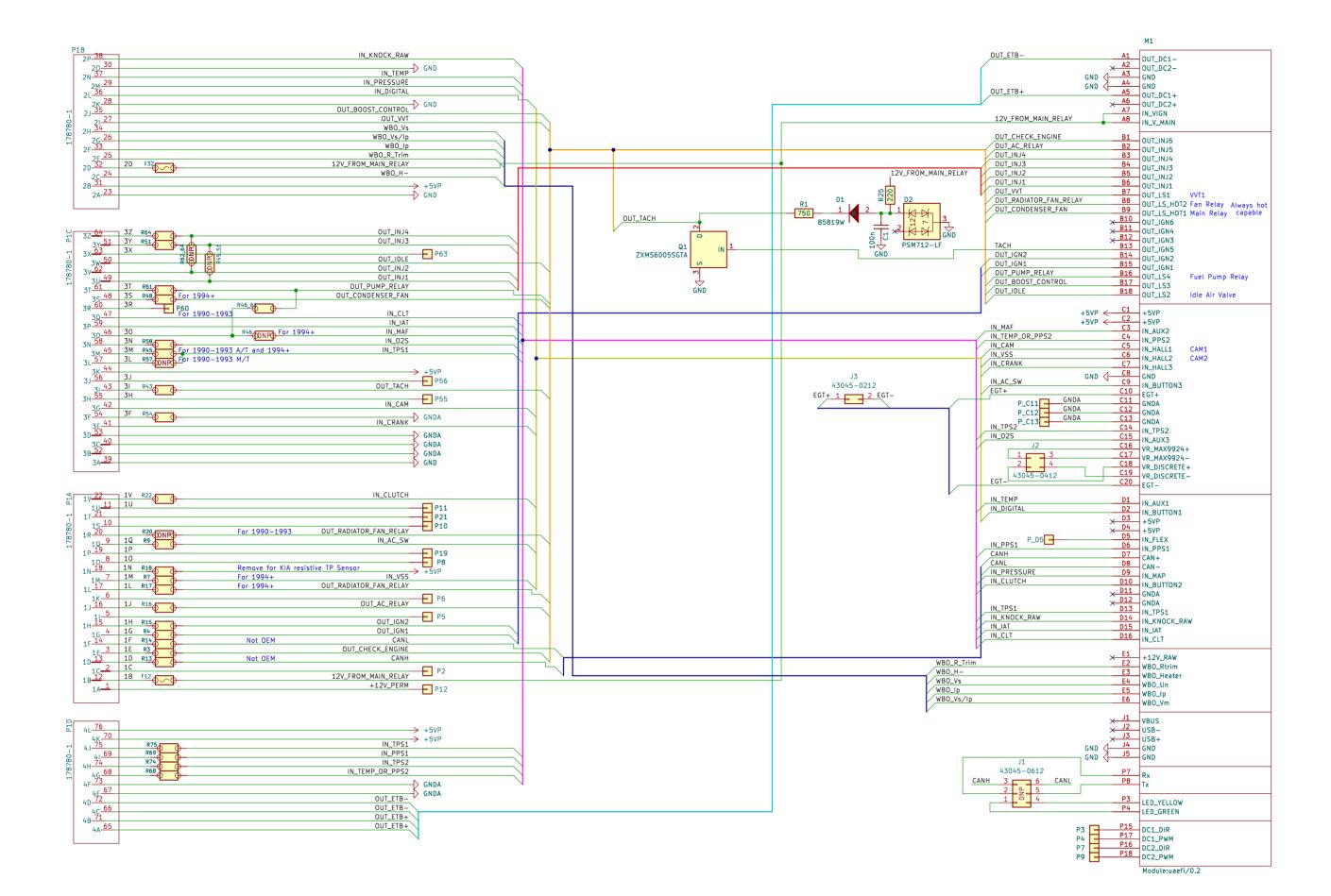
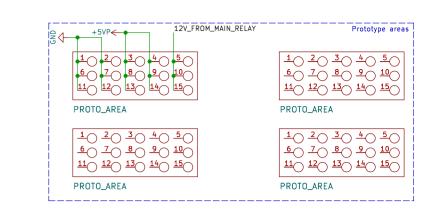
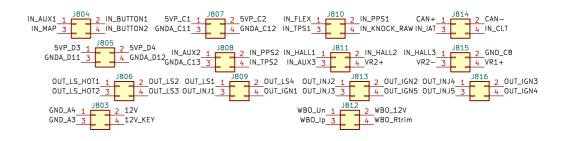
General purpose bus
Ignition
Injection
Analog inputs (sensors)
Discrete inputs
LS & HS outputs
DC Motor

Install R25 for 1990–1993 manual models with KIA TPS Also remove R22 for KIA TPS WARNING: Installing R25 with stock 1990–1993 TP switch will lead to short of 5V–GND!





M801 Module:uaefi/0.2 P806 - 1 OUT\_DC1-P807 - 1 OUT\_DC2-P808 - 1 GND\_A3 P809 - 1 GND\_A4 1 OUT\_DC1+ P811 - 1 OUT\_DC2+ P812 - 1 12V\_KEY OUT\_DC1-A2 OUT\_DC2-GND A5 GND GND OUT\_DC1+
A6 OUT\_DC2+
IN\_VIGN A8 IN\_V\_MAIN B1 OUT\_INJ6 P825 1 0UT\_IGNS
P826 1 0UT\_IGNS
P827 1 0UT\_IGN1
P828 1 0UT\_IGN1
P829 1 0UT\_LS4
P830 1 0UT\_LS3
1 0UT\_LS2 P831 \_\_ 1 OUT\_LS2 B18 OUT\_LS2 Idle Air Valve CAM2 P852 1 IN\_AUX1
P853 1 IN\_BUTTON1
P854 1 5VP\_D3
P856 1 IN\_FLEX
P858 1 CAN+
P868 1 CAN-D1 IN\_AUX1 IN\_BUTTON1 +5VP D3 +5VP +5VP +5VP D5 IN\_FLEX IN\_PPS1 CAN+ CAN- IN\_MAP IN\_BBUTTON2 GNDA GNDA GNDA IN\_TPS1 IN\_KNOCK\_RAW IN\_LT IN\_CLT P858 - 1 CAN-P859 - 1 CAN-P860 - 1 IN\_MAP 1 IN\_BUTTON2 P862 - 1 GNDA\_D11 P863 - 1 IN\_PS1 P863
P864
1 IN\_TPS1
1 IN\_KNOCK\_RAW
1 IN\_IAT
1 IN\_IAT P867 1 IN\_CLT +12V\_RAW E2 WBO\_Rtrim
E3 WBO\_Heater
WBO\_Un
E5 WBO\_IP
WBO\_Vm P873 1 WB0\_Vm VBUS J2 J3 USB-USB+ GND J801 2 3 Conn\_01x05\_Pin - 4 J5 GND P801 - 1 P7 P8 Tx P802 - 1 P3 LED\_YELLOW LED\_GREEN P803 - 1 P15 P17 P16 P18 DC1\_DIR DC1\_PWM DC2\_DIR DC2\_PWM J802 - 2 P805 - 1



Sheet: / File: hellen1-uaefi.kicad\_sch Title: UAEFI module Date: 2024-02-13 Rev: 0.2 KiCad E.D.A. kicad 7.0.10