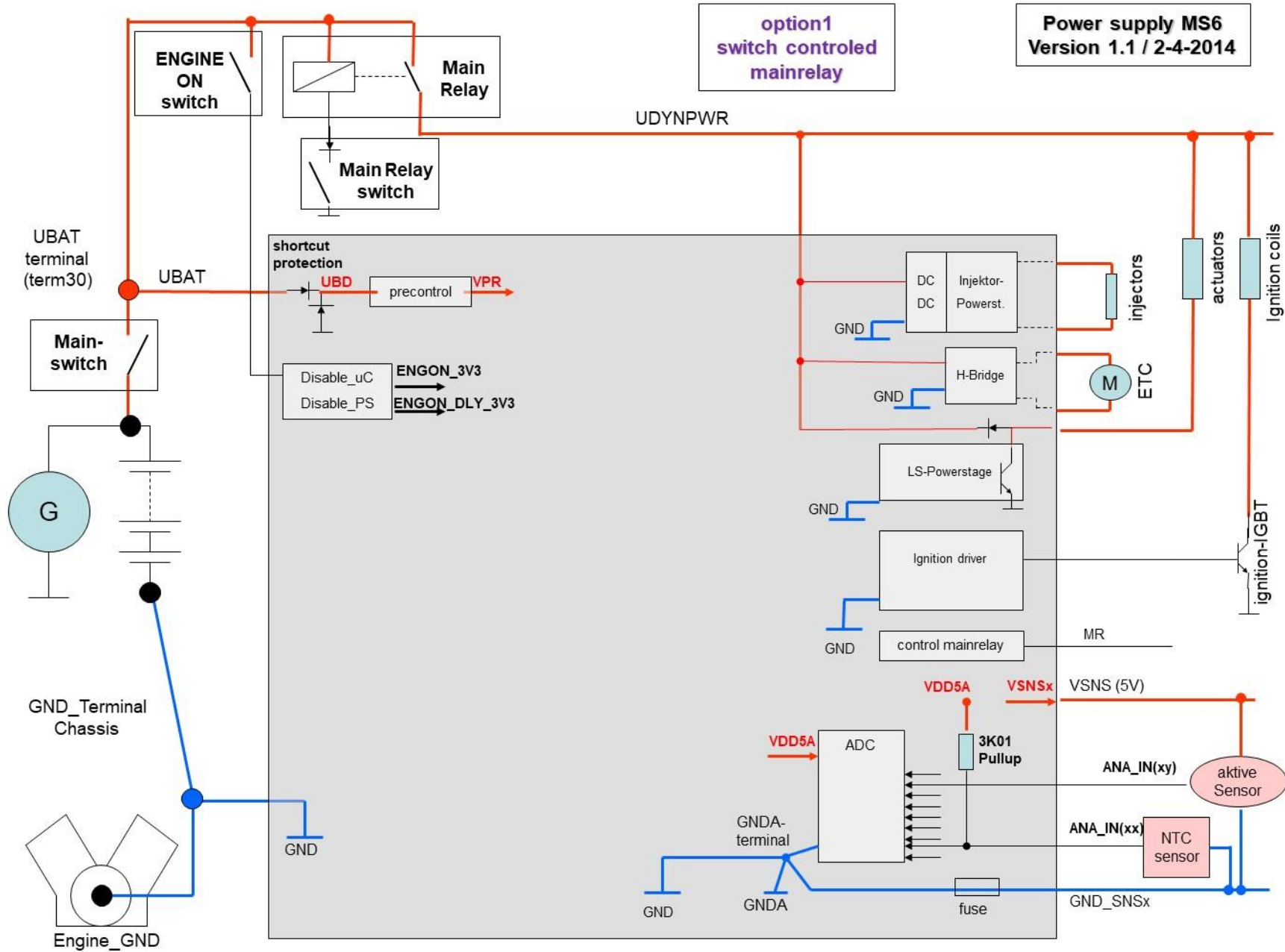
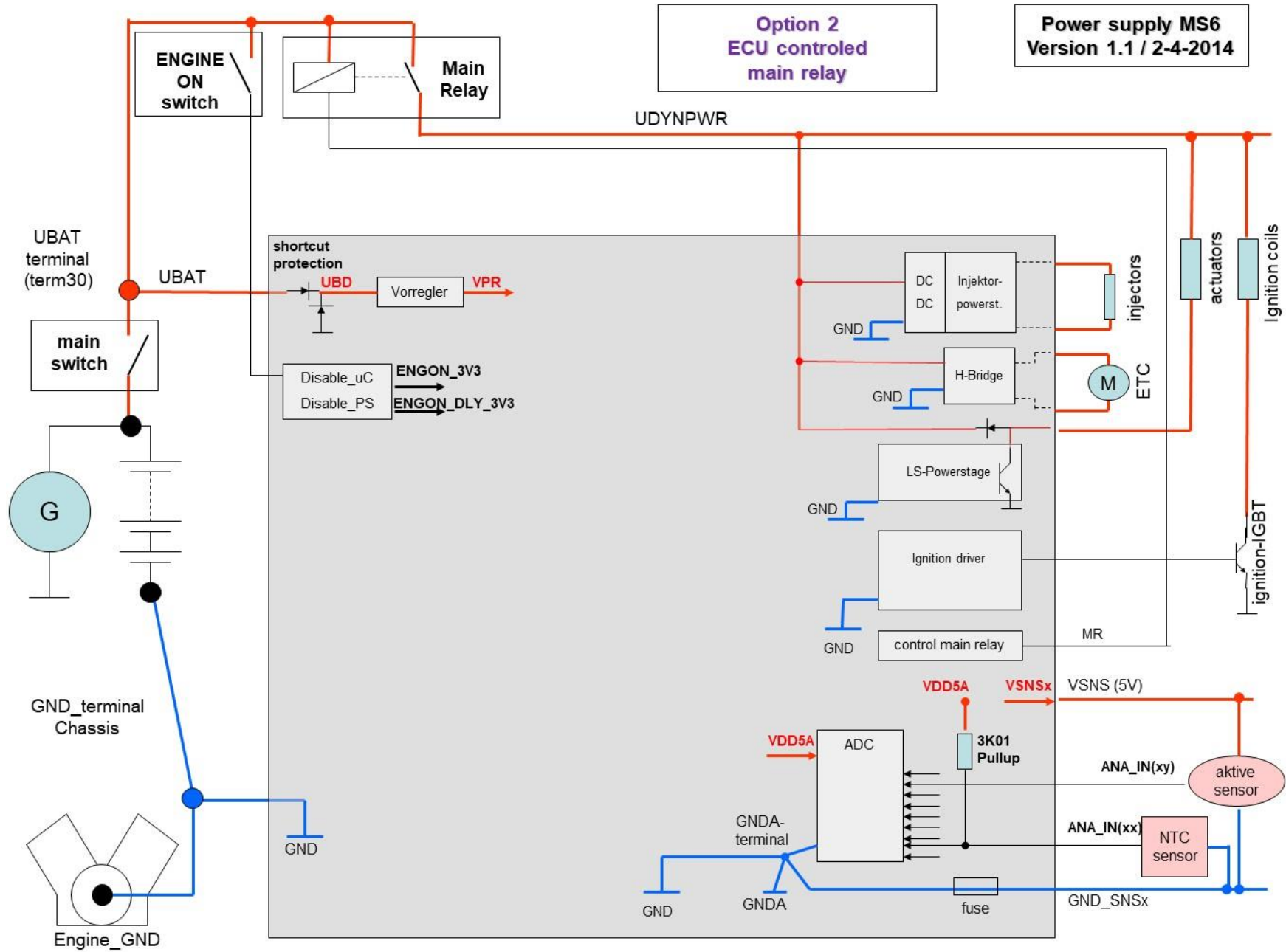
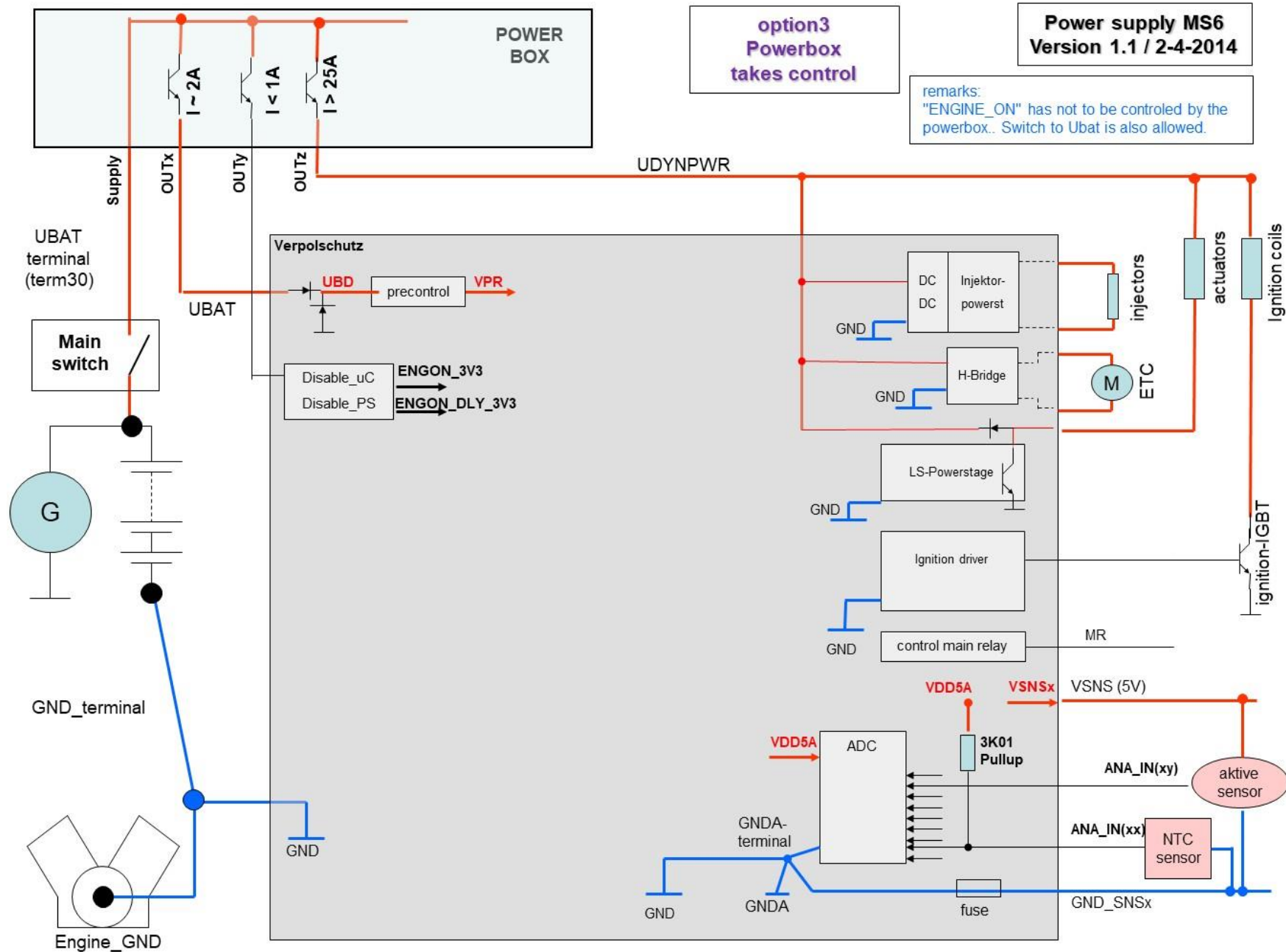


Powersupply network MS 6







signal	details
UBAT	Power Supply ECU, shortcut protected; Supply of internal controller like processor, ASICs, CAN ...) If UBAT > threshold -> ECU switch on
UB	UBAT after shortcut- and high voltage protection
UDYNPWR	"DYN_PWR": from main-relay switched supply Supply of 65volts-DC/DC-change, FDI-powerstages, H-bridges, ... Main Relay has to content shortcut protection (not integrated in ECU)
VSNSx	Power supplies (5V; 150mA or 50mA); 3x 150mA incl. diagnostics; 4x 50mA without diagnostics
ENGON_3V3	Input from Engine-ON-switch, detected by ECU functionality to en-/disable powerstages
ENGON_DLY_3V	Input from Engine-ON-switch. Contents Hardware delay, Stops ignition and injection.
GND	Ground ECU
GND_A	Analogue ground, ECU internal terminal near to ADC converter
GND_SNS	sensor ground, connected to analogue ground via board integrated fuse

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