

Model S CAN and Power Switching Topology

(not intended to represent physical layout)

For cars produced after
March 5 2018

Tags: HW2.5 + MCU Transition

Last Modified: 9/21/2018

Legend:

Unswitched 12V	Drive Power "KEY ON"	Directly Powered by E-FUSE Controller
HVAC Power	"Accessory" Power (also on w/ KEY)	BDY Supplied
		GTW Controlled

"KEY ON" or "ACC" devices may be connected to unswitched power using a trigger input from "KEY ON" or "ACC" to enable.

- On Board Diagnostics II CAN (DIAG) 500kBd
- Chassis CAN (CH) 500kBd
- Fault Tol. Body CAN (BFT) 125kBd
- Body CAN (BDY) 125kBd
- Powertrain CAN (PT) 500kBd
- Party CAN
- Fast Charge CAN 33.3kBd
- Park Private CAN 500kBd
- Primary Forward Radar CAN 500kBd
- Secondary Forward Radar CAN 500kBd
- Discrete Signal/Bus
- Wake on CAN
- High Speed Data Cable (HSD)
- CAN Termination (standard 120Ohms)
- CAN Termination on Fault Tolerant bus

