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# 网络通信及远程监控



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# Network Communication and Telematics Unit (TU)



- 1、掌握E70网络通信连接关系图
- 2、掌握E70远程监控的工作原理





1. Master the connection diagram of the E70 network communication
2. Master the working principle of E70 telematics unit (TU)



# 一、E70网络通信图



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## E70常见控制系统/模块中英文名称

英文缩写	中文名称
ABS/ESC	制动防抱死系统/电子稳定控制系统
EPS	电机助力转向系统
EPB	电子驻车制动模块
BCM	车身控制模块
PEPS	智能钥匙系统
AC	空调控制模块
VCU	整车控制模块
BMS	动力电池管理系统
ONC	车载充电机

# I. Connection diagram of E70 network communication



## Chinese and English names of common control systems/modules

English abbreviations	English name
ABS/ESC	Anti-lock Brake System/Electronic Stability Control
EPS	Electric Power Steering
EPB	Electronic Parking Brake
BCM	Body Control Module
PEPS	Smart Key System
AC	Air Conditioner
VCU	Vehicle Control Unit
BMS	Battery Management System
ONC	On-board Charger



## E70常见控制系统/模块中英文名称

英文缩写	中文名称
MCU	电机控制模块
DC-DC	直流降压器
EWP	电机冷却电动水泵
TU	远程监控系统
BCU	电池冷却控制器
SAS	方向盘转角传感器
AVAS	低速提醒系统
TPMS	胎压监测系统

# I. Connection diagram of E70 network communication



## Chinese and English names of common control systems/modules

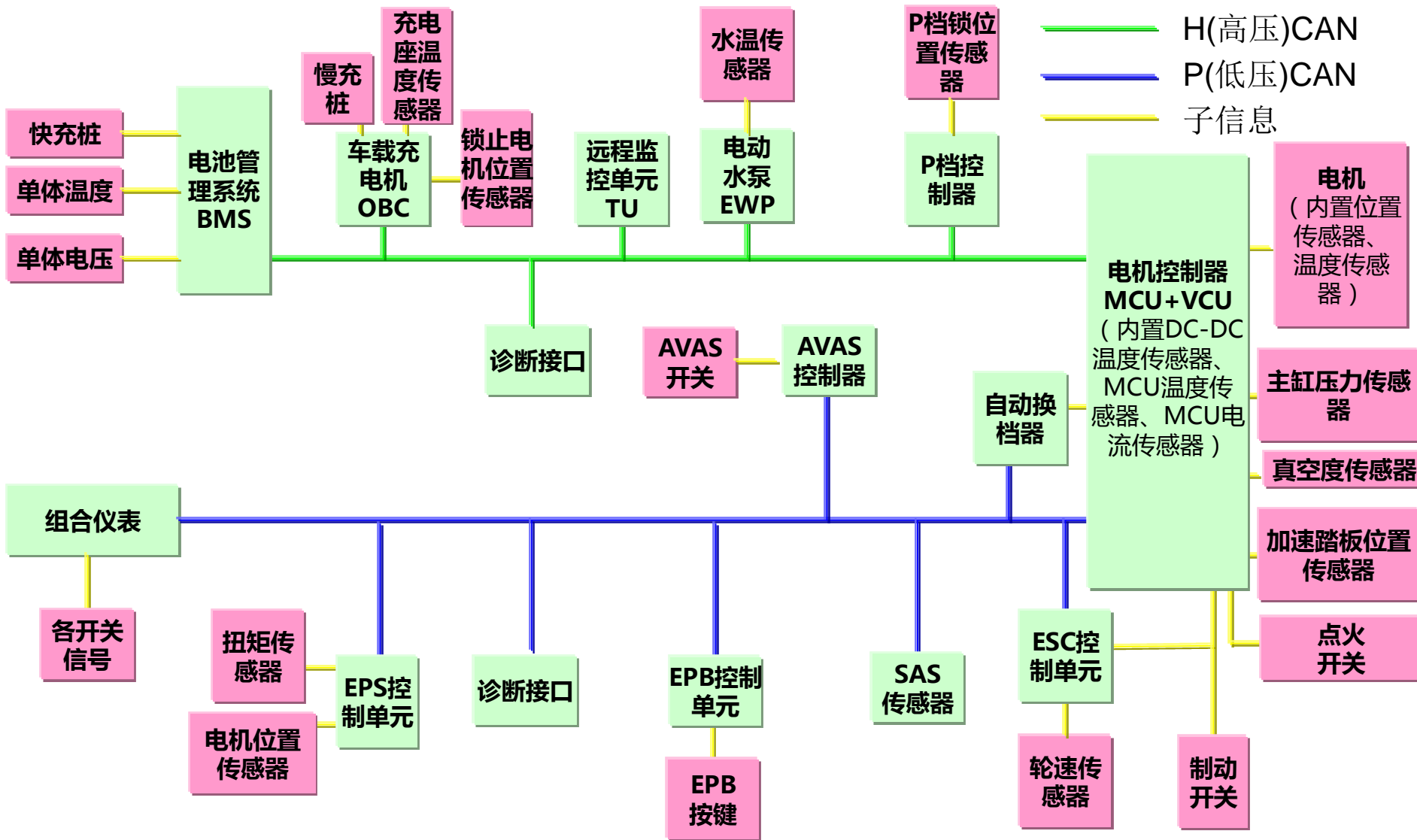
English abbreviations	English name
MCU	Motor Control Unit
DC-DC	DC-to-DC Step-down Transformer
EWP	Electric Water Pump
TU	Telematics Unit
BCU	Battery Cooling Control Unit
SAS	Steering Wheel Angle Sensor
AVAS	Acoustic Vehicle Alerting System
TPMS	Tire Pressure Monitoring System



# 一、E70网络通信图



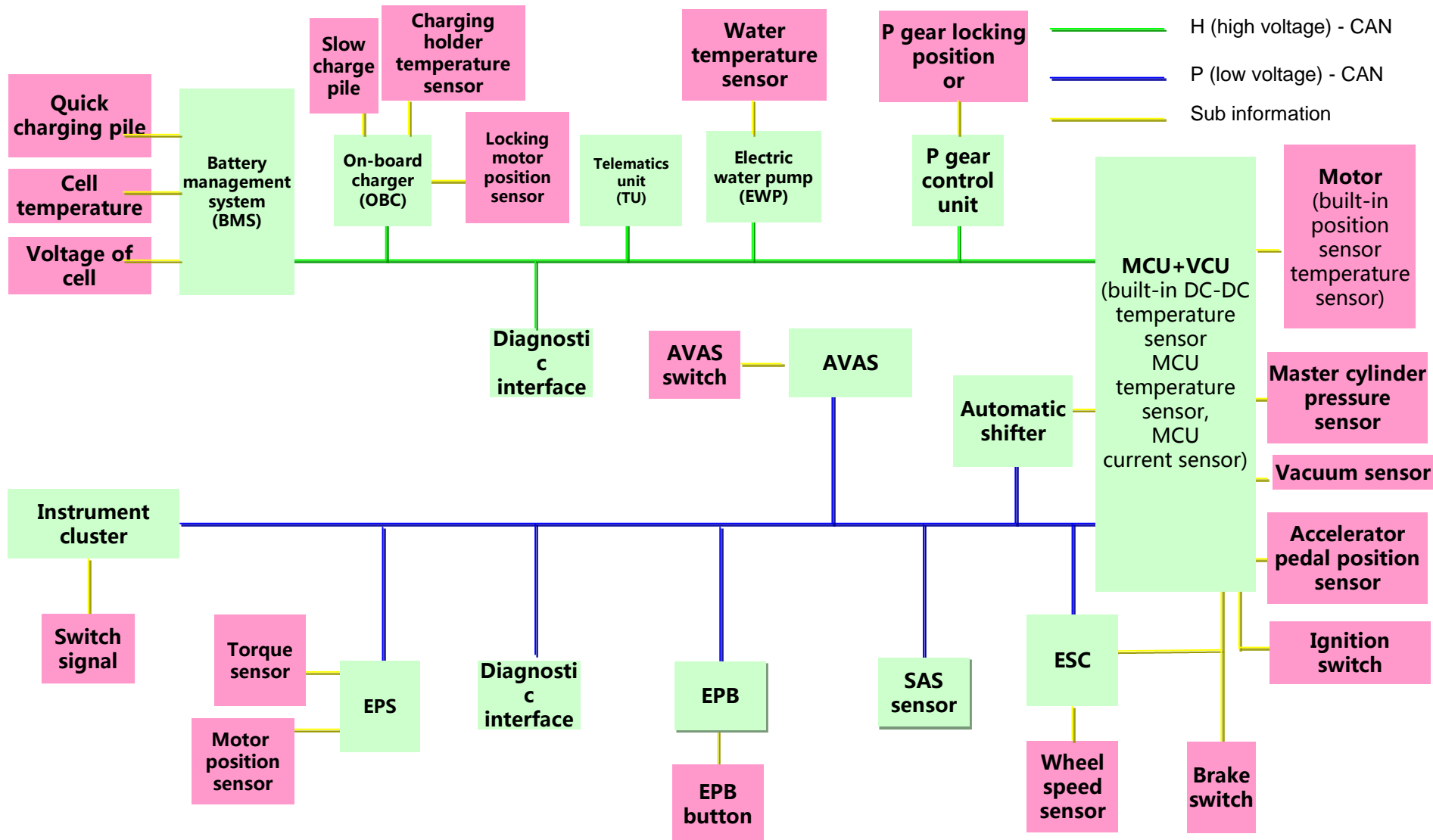
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# I. Connection diagram of E70 network communication



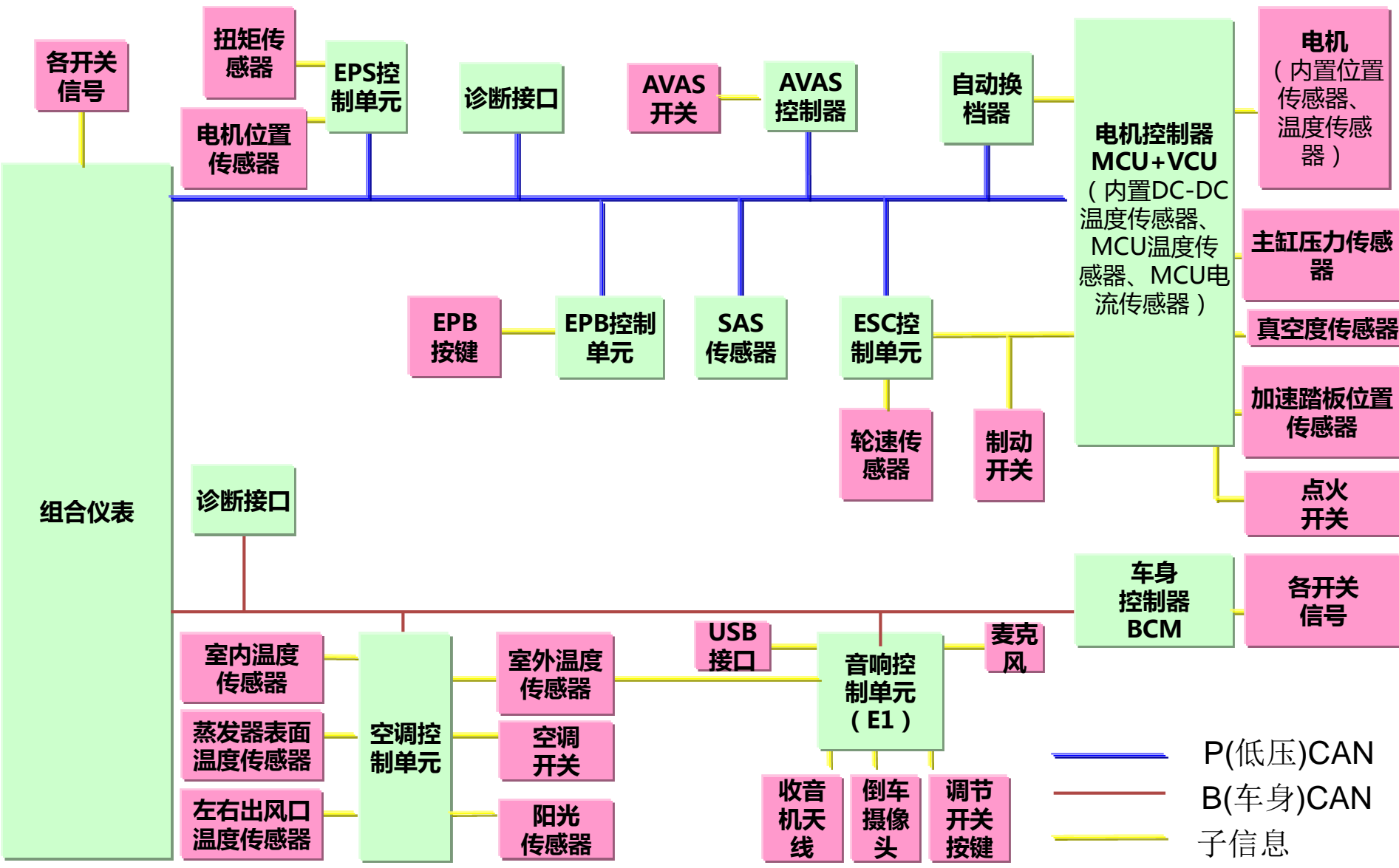
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# 一、E70网络通信图



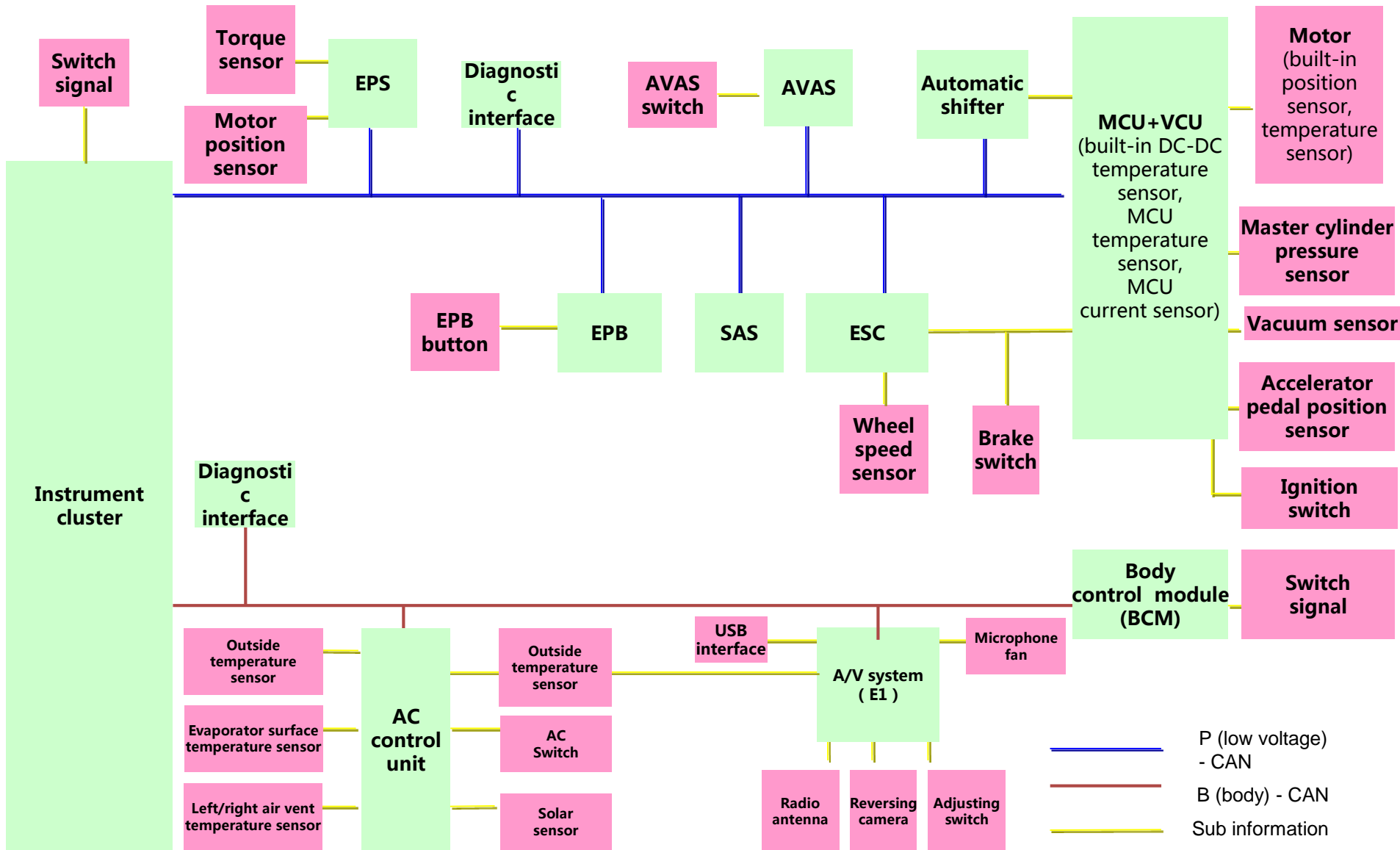
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# I. Connection diagram of E70 network communication



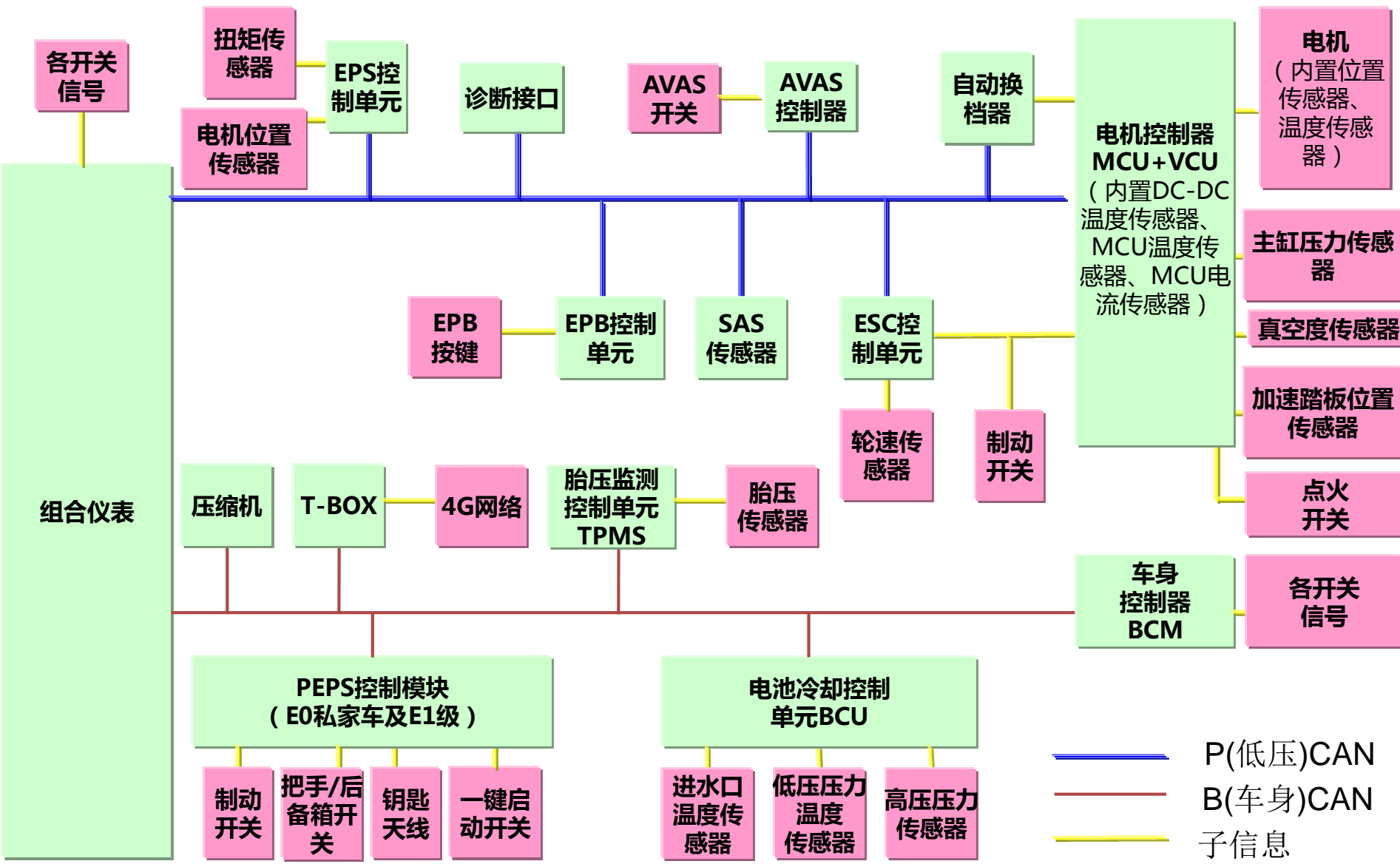
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# 一、E70网络通信图



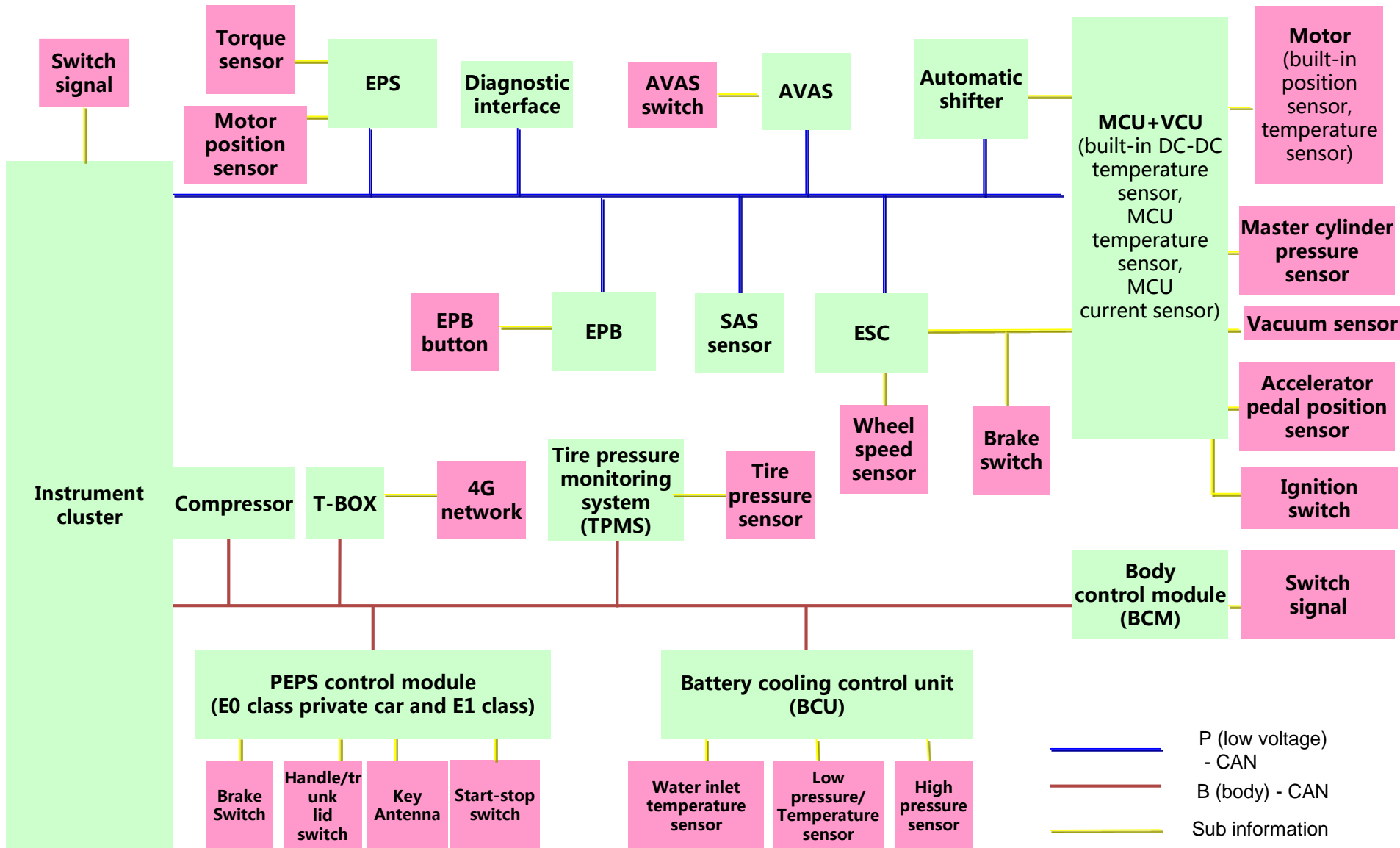
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# I. Connection diagram of E70 network communication



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## 二、E70远程监控TU

E70电动车装配远程监控(TU),该元件的安装位置在副驾驶下部。

该元件连接在H（高压）-CAN中，可将车辆的高压系统工作信息显示至后台，同时具有GPS定位功能，便于监控车辆位置。



## II. E70 telematics unit(TU)



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The E70 electric vehicle is equipped with the telematics unit (TU), which is mounted in the lower part of the front passenger's seat.

The component is connected to the H (high voltage)-CAN to display the high voltage system operation information of the vehicle to the backstage management, and has a GPS for monitoring the position of the vehicle.

