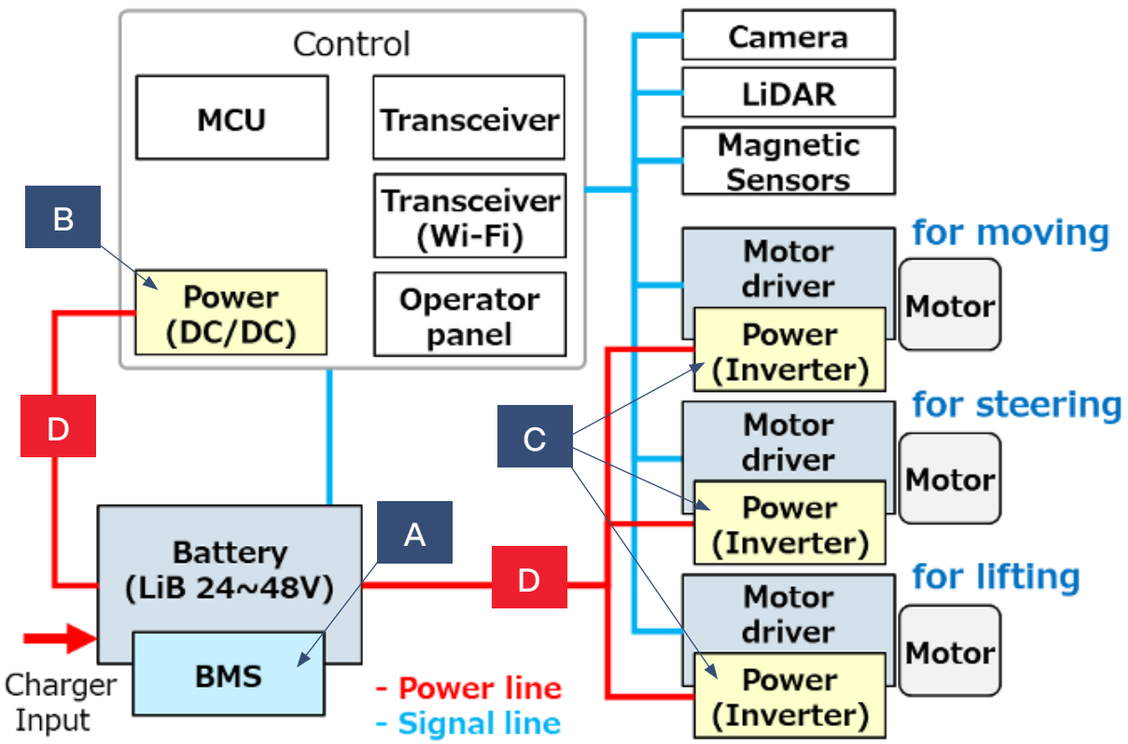
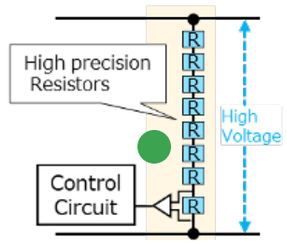
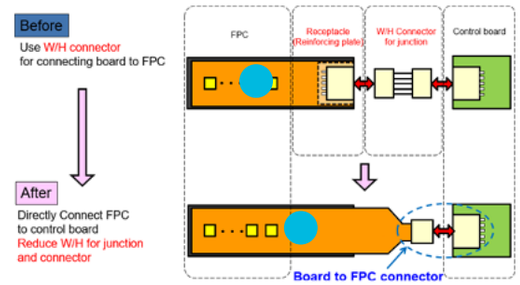
Automated Guided Vehicle / Autonomous Mobile Robot

Equipment and Circuit Configuration



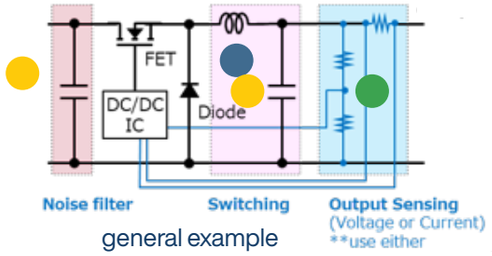
Voltage Sensing / BMS





A

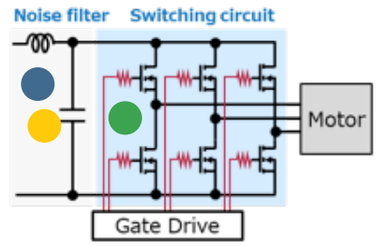
DC /DC Converter



general example

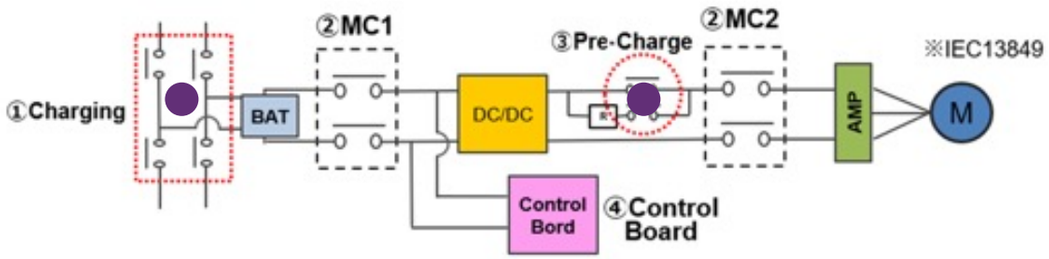
B

Power (Inverter)



C

Power Line



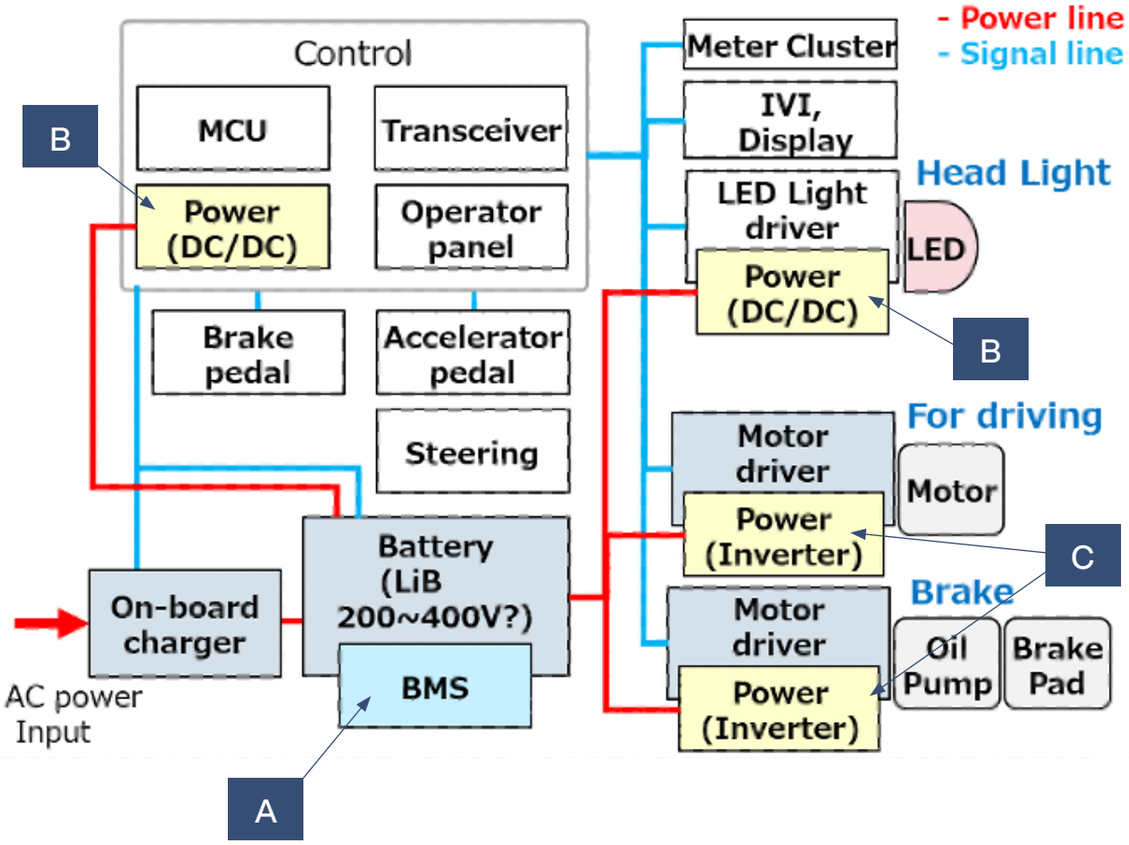
D

Proposed Devices

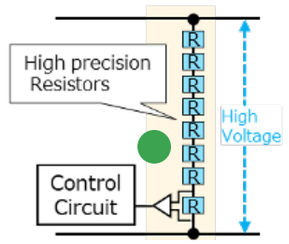
- Hybrid Capacitor
- Power Choke Coil
- Chip Resistor
- PhotoMOS®
- Connector

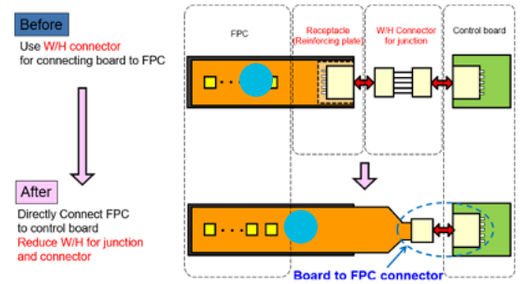
Electric Agricultural Machinery

Equipment and Circuit Configuration



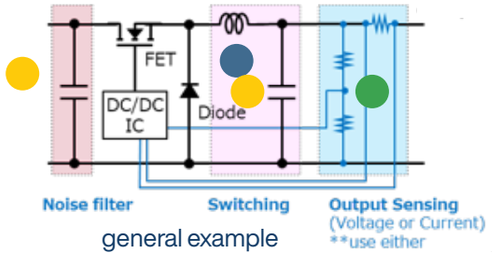
Voltage Sensing / BMS





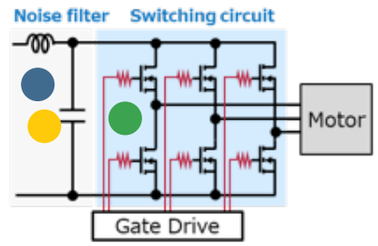
A

DC /DC Converter



B

Power (Inverter)



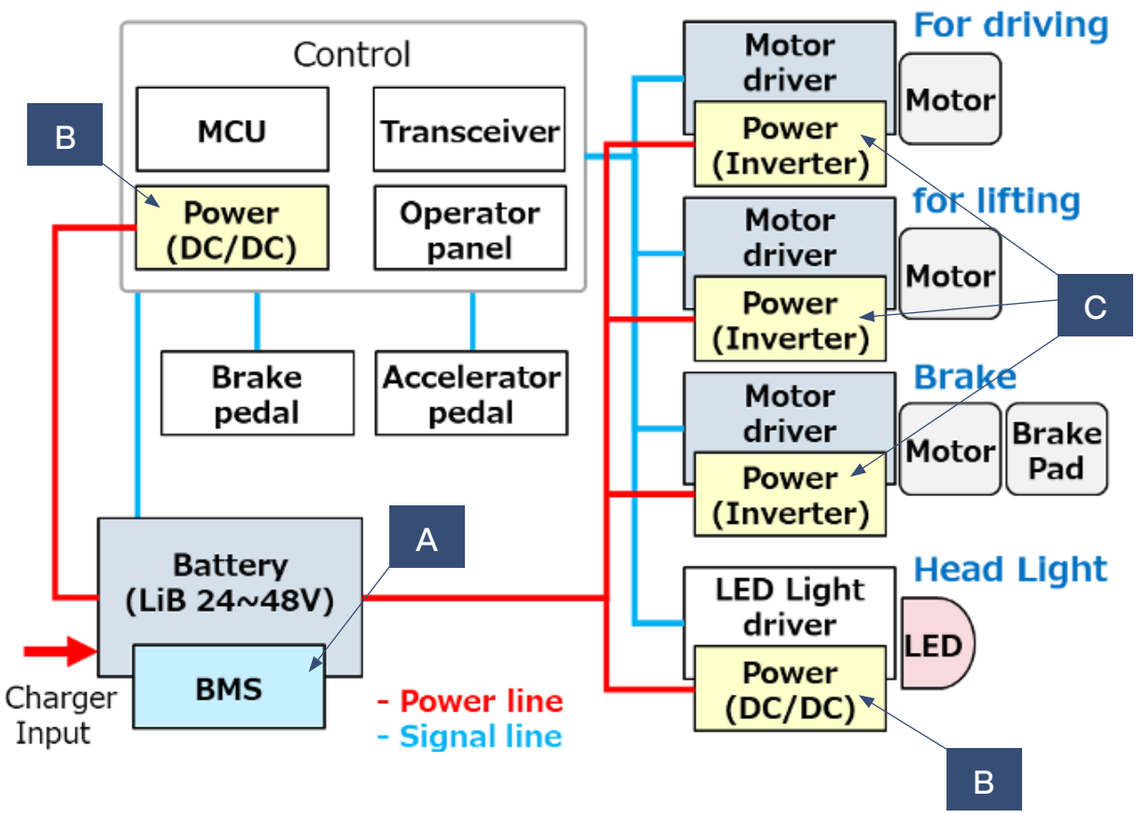
C

Proposed Devices

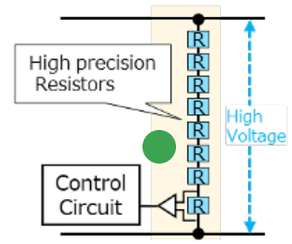
- Hybrid Capacitor
- Power Choke Coil
- Chip Resistor
- Connector

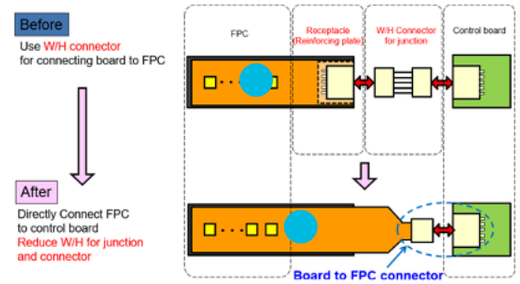
Electric Forklift

Equipment and Circuit Configuration



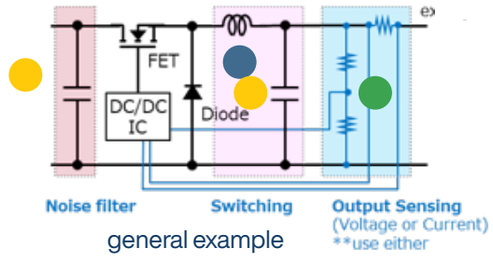
Voltage Sensing / BMS

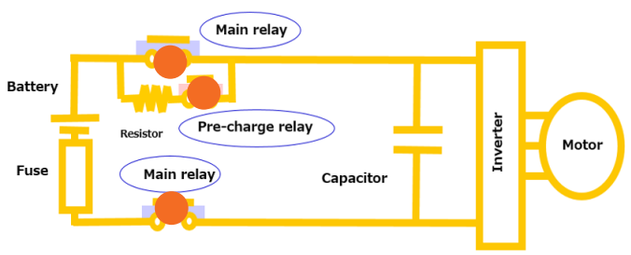




A

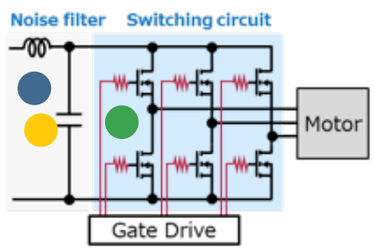
DC /DC Converter





B

Power (Inverter)



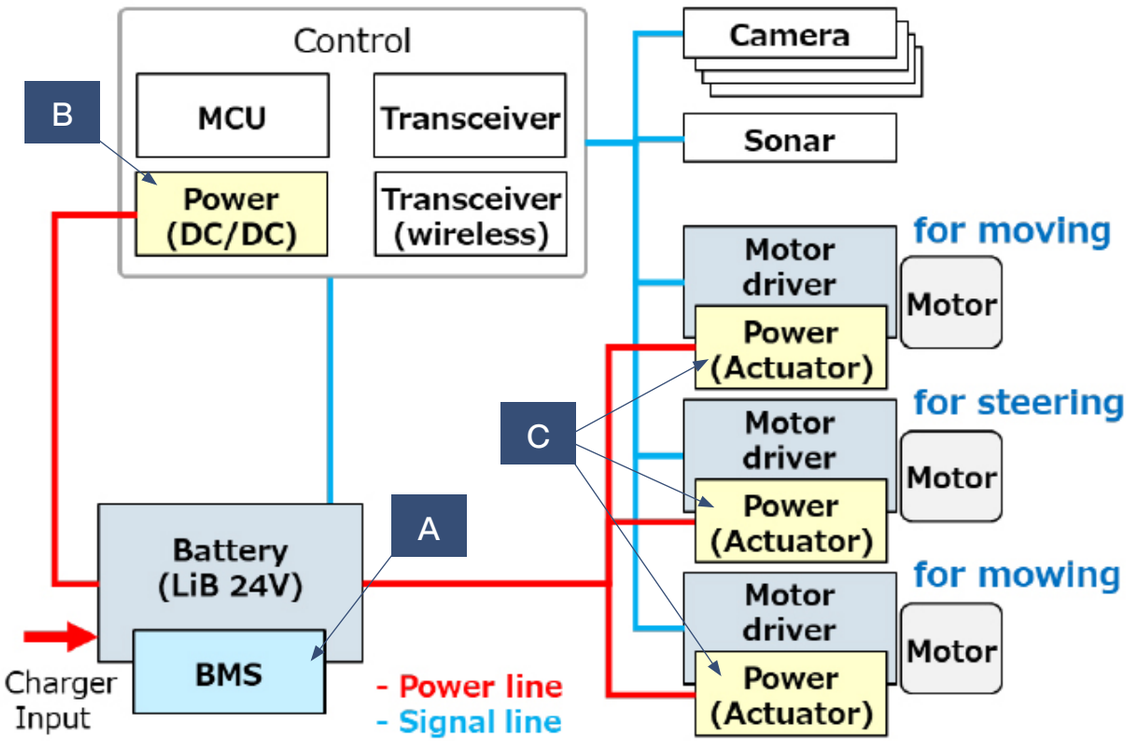
C

Proposed Devices

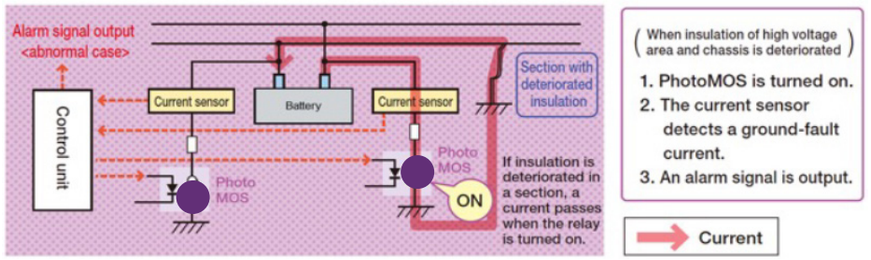
- Hybrid Capacitor
- Power Choke Coil
- Chip Resistor
- Connector
- Mechanical Relay

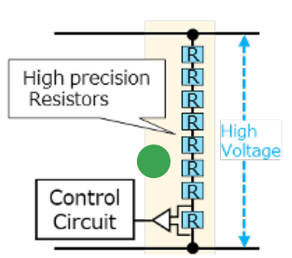
Electric Autonomous Lawn Mower

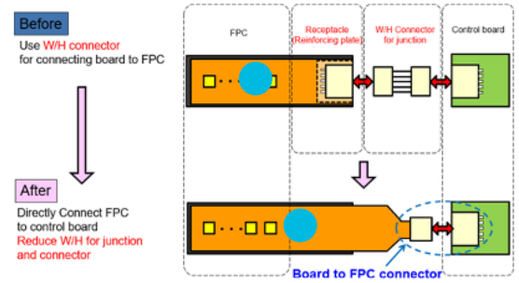
Equipment and Circuit Configuration



Leak Detection for BMS / Voltage Sensing / BMS

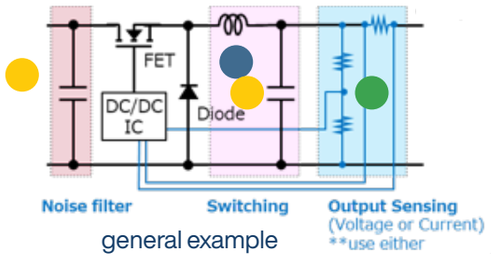






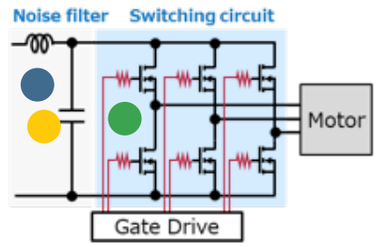
A

DC /DC Converter



B

Power (Inverter)



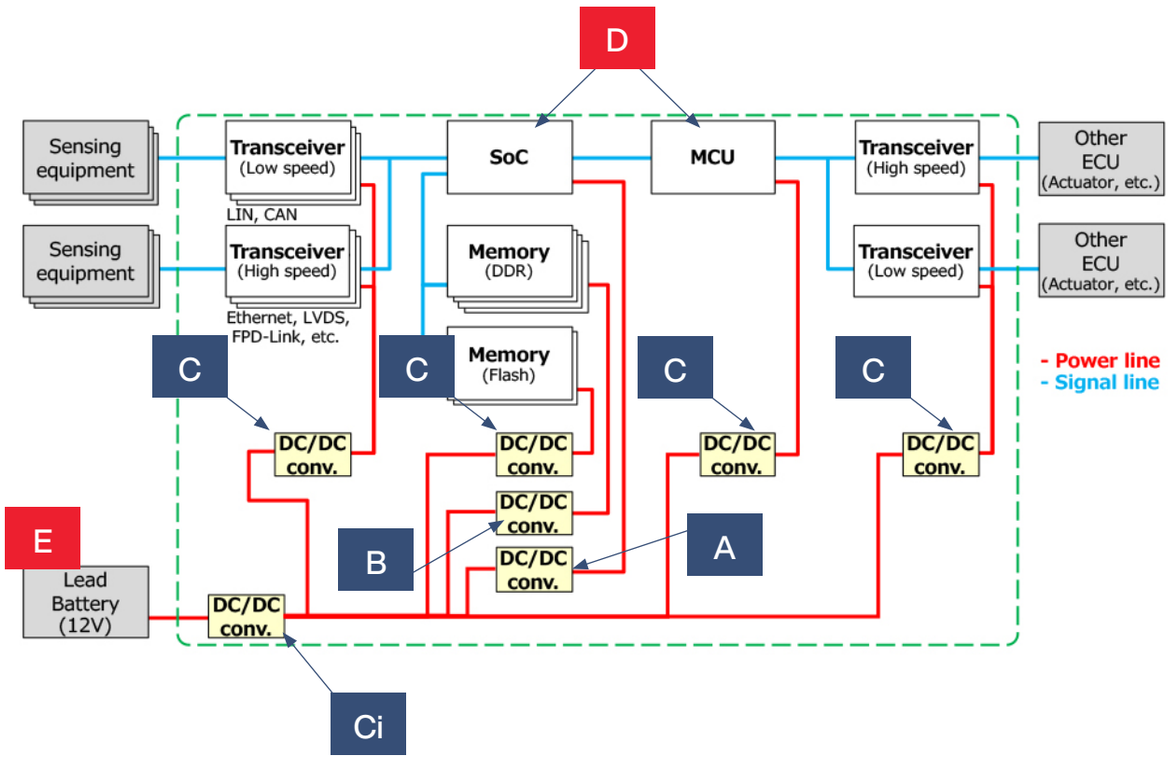
C

Proposed Devices

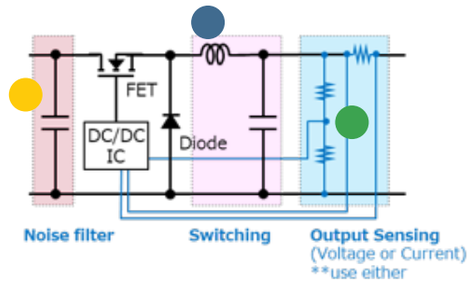
- Hybrid Capacitor
- Power Choke Coil
- Chip Resistor
- PhotoMOS®
- Connector

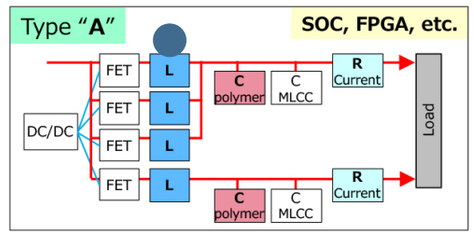
Advanced Driver Assistance System (ADAS)

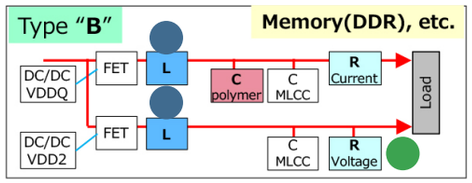
Equipment and Circuit Configuration

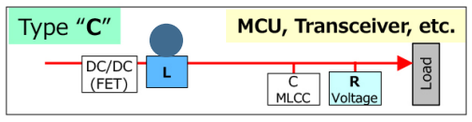


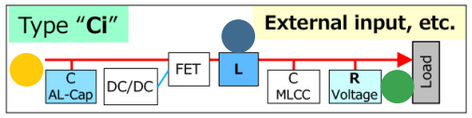
DC /DC Converter





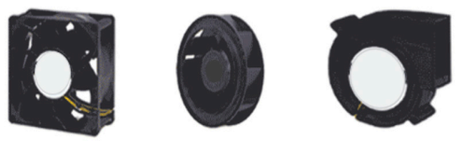






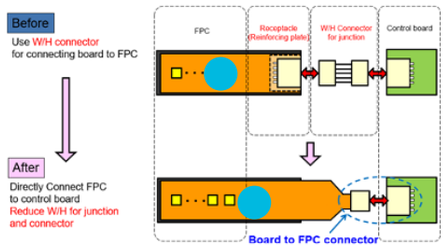
A, B, C, Ci

Cooling Fans for Heat Dissipation



D

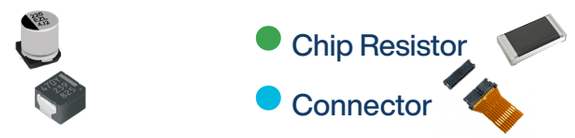
BMS Connection



E

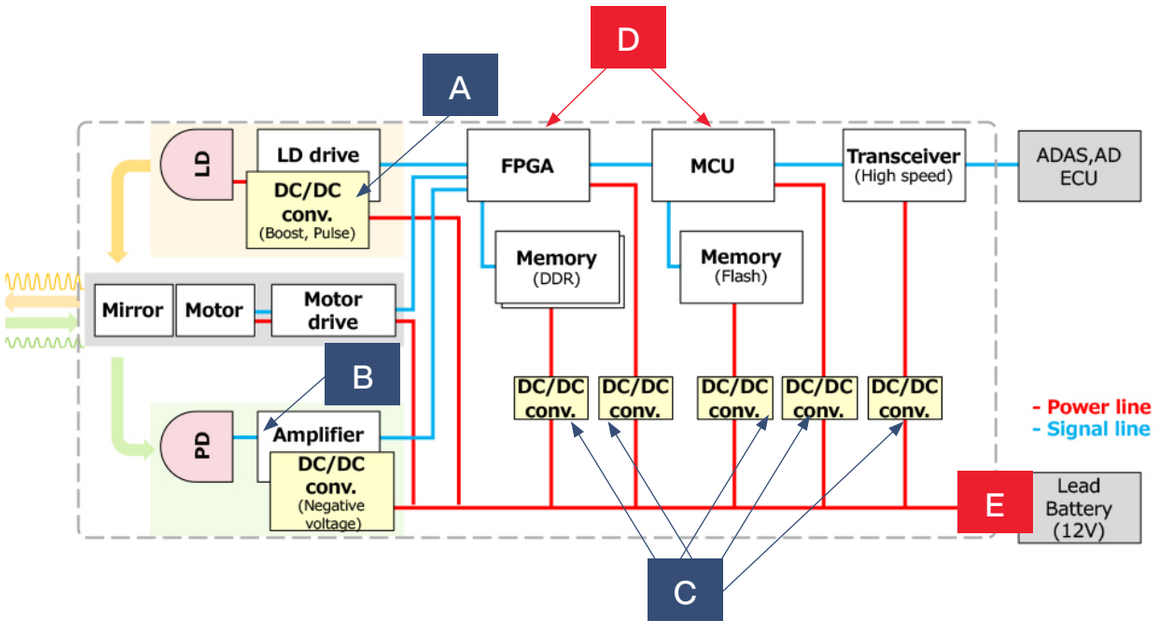
Proposed Devices

- Hybrid Capacitor
- Power Choke Coil
- Chip Resistor
- Connector

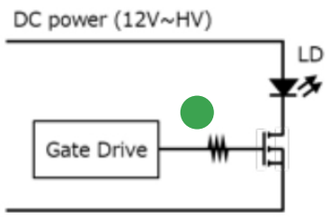


LiDAR

Equipment and Circuit Configuration

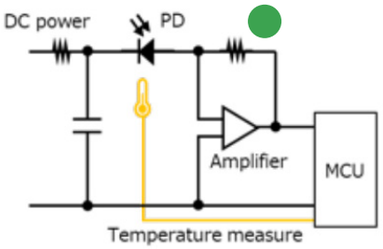


LD Irradiation Circuit



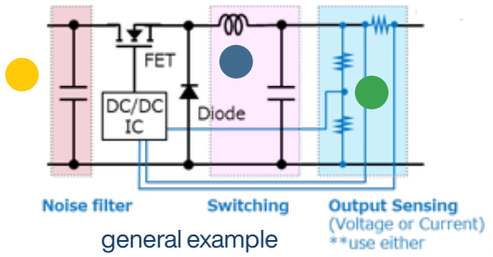
A

PD Light Receiving Circuit



B

DC /DC Converter



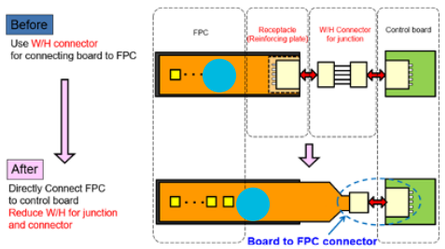
general example

C

Cooling Fans for Heat Dissipation

D

BMS Connection



E

Proposed Devices

- Hybrid Capacitor
- Power Choke Coil
- Chip Resistor
- Connector