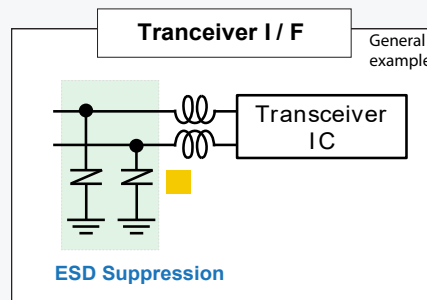
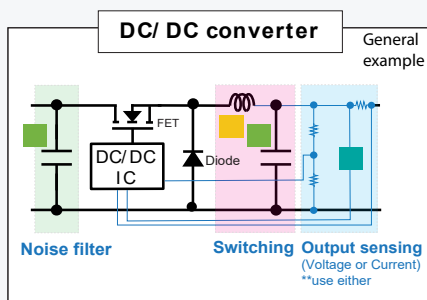
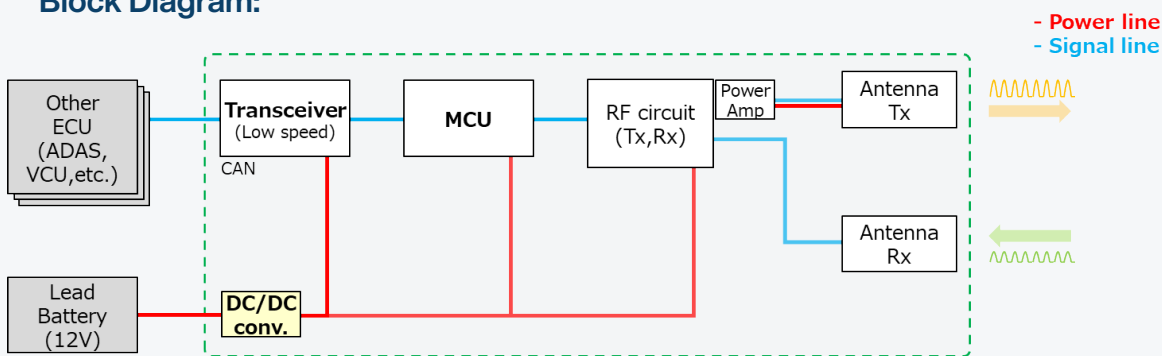




Radar

Automotive radar uses radio waves to measure distance, speed, and angle of surrounding objects. Operating mainly in the 77–81 GHz band, radar performs reliably in adverse weather and supports ADAS functions such as adaptive cruise control, collision avoidance, blind-spot monitoring, and lane-change assist.

Block Diagram:



Our devices

- SMD resistor
- Power inductor
- Hybrid capacitor

Design consideration:

- Measurement accuracy
- Large current
- Low loss
- Miniaturization
- High heat resistance

Recommended product:

Capacitor

- Hybrid capacitors ([ZC](#) / [ZKU](#) / [ZV](#) / [ZL](#))

Power inductor

- Low cost / low profile series ([LE](#) / [LP](#))

Resistor

- High precision resistors ([ERA*A](#))
- High power resistors ([ERJB](#) / [ERJP](#))