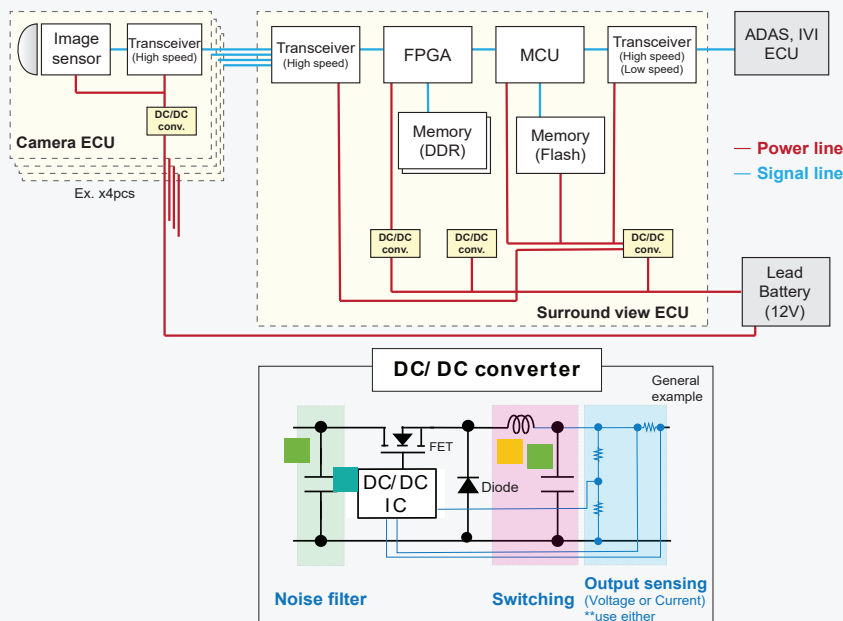




Camera

An automotive camera system uses one or more vehicle-mounted cameras to capture visual data of the vehicle's surroundings. The images are processed to support functions such as lane departure warning, blind-spot detection, parking assistance, forward collision warning, and surround-view monitoring. Cameras enhance safety, perception, and driver assistance by providing real-time visual input to ADAS and autonomous systems.

Block Diagram:



Our devices

Hybrid capacitor

Power inductor

SMD resistor



Design consideration:

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

Recommended product:

Capacitor

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

Power inductor

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

Resistor

- High precision resistors ([ERA*A](#))
- Small-size resistors ([ERJ1G](#))

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