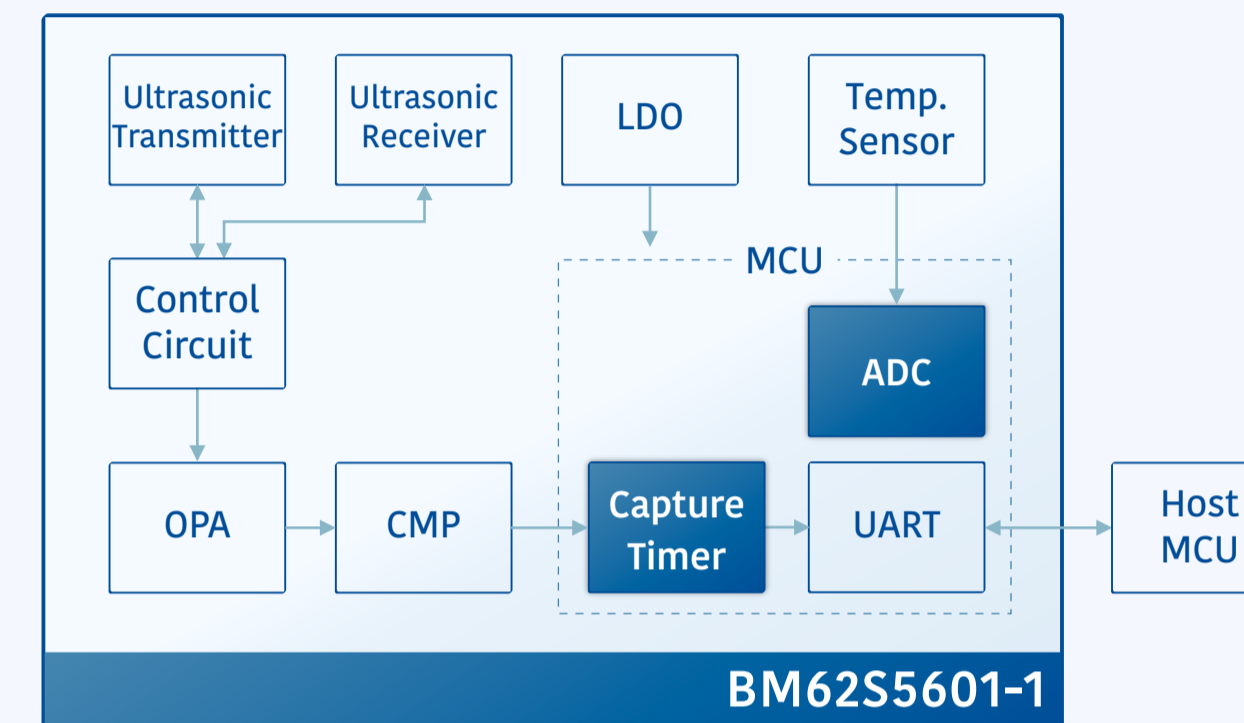HOLTEK

Ultrasonic Oxygen Concentration and Flow Detection Module
BM62S5601-1

Characteristics

- Supports oxygen concentration and flow detection
- Oxygen concentration range: 21%~95.6%, accuracy ±1.8% @5°C~45°C
- Flow range: 0L/min~10L/min, accuracy ±0.2L/min
- No need for periodic calibration, long service life, stable measurements
- Supports UART communication, flexible for applications

Block Diagram

Ultrasonic Transmitter | Ultrasonic Receiver | LDO | Temp. Sensor

MCU

Control Circuit

ADC

OPA | CMP | Capture Timer | UART | Host MCU

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Applications

Household/medical oxygen concentrators, respirators, oxygen therapy devices, etc.

A06

Video