



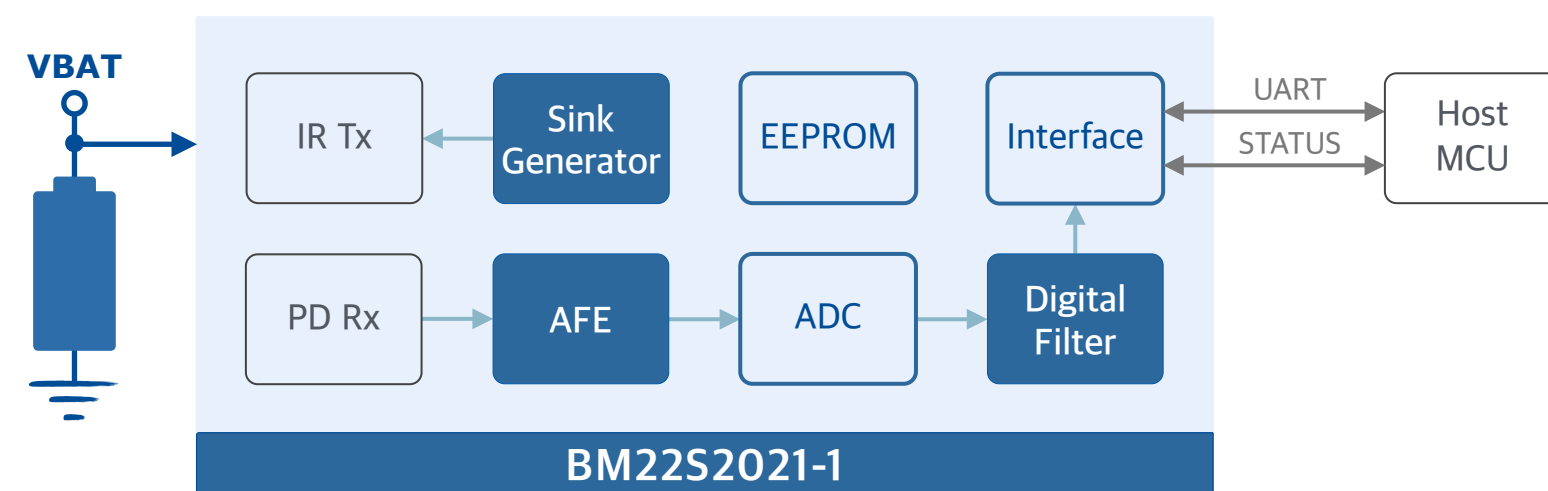
D01 Smoke Detection Digital Sensor

BM22S2021-1

Characteristics

- Operating voltage: DC 3V~5V
- Standby current: <10μA @3V
- Detection range: 0.1~0.8dB/m, default alarm value for white smoke: 0.35dB/m
- Communication interfaces: UART/STATUS
- Integrated digital filter, fault detection, drift compensation and temperature compensation algorithm
- Size: 37mm×37mm×28mm

Block Diagram



Applications

Smoke alarms, range hoods, etc.

