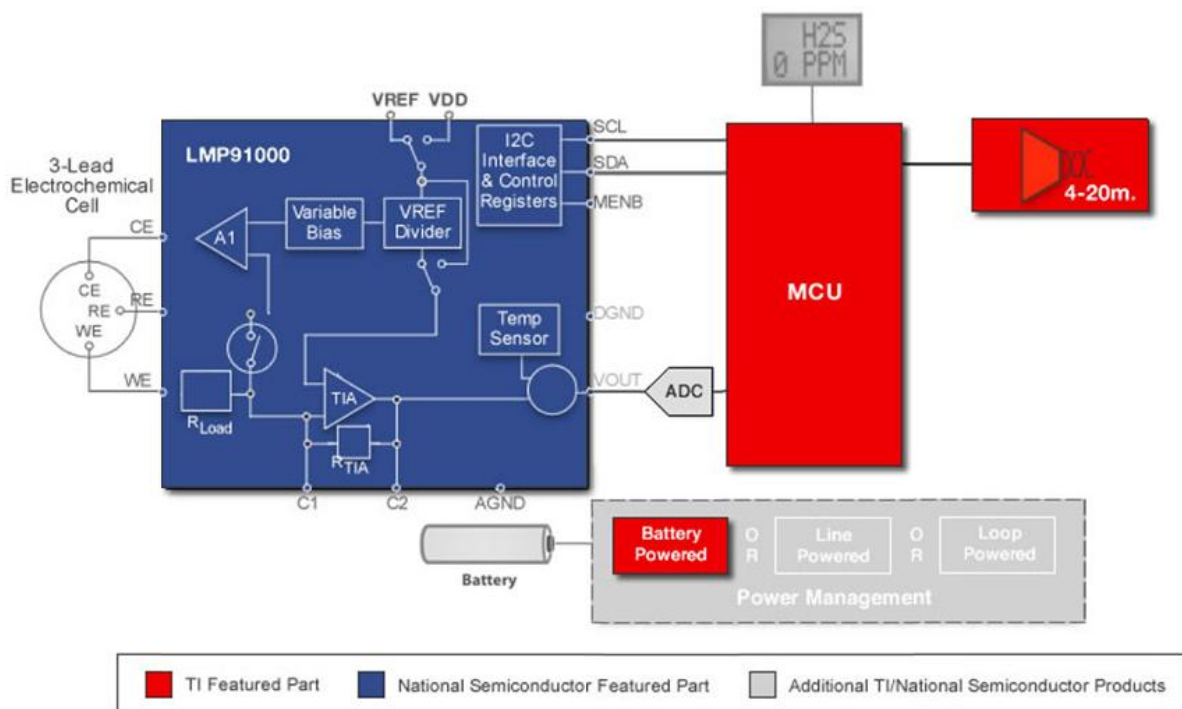


A Unique Chemical/Gas Sensor Solution

Description:

This chemical and gas sensor solution provides onboard processing and a configurable interface, allowing a single detector to be used for multiple sensor types.



Key Features:

- Configurable AFE with integrated electrode excitation
 - One design solution fits multiple electro-chemical sensors
- 16-bit MCU for configuration and communication
 - Extremely low power extends battery life and ensures operation under 4mA
 - Enables online or factory programmed configuration and calibration of sensor
- 4-20mA Current Loop Transmitter
 - Integrated 5V regulator capable of providing system power
 - .05% span error

Products:

Part Number	Description	Farnell order code
LMP91000	Configurable AFE	1872933
MSP430F2003	16-bit Ultra-Low-Power Microcontroller	1753247 1537178 1753248 1753249 1753251
XTR117	4-20mA Current Loop Transmitter	1180131 1390694