

Title	HVAC Air Quality Sensor
Overview	<p>The ZMOD4410 gas sensor and HS300x humidity sensor family, along with the RL78/G14 microcontroller, provides a complete solution for HVAC systems, smart appliances, and smart home/office applications that meets strict air quality regulations, saves energy, and helps maintain the user's health and wellness. Power and timing solutions are also available to complete these solutions.</p> <p>Key Features:</p> <ul style="list-style-type: none">-Easy and fast integration into HVAC systems-Fast productization-Code optimized for μC-Gas sensor with highest sensitivity to gases in the market-Firmware upgradeable solution to meet specific customer needs and requirements
Block Diagram	<p>Light Sensor OR Humidity Sensor Gas Sensor Post-processing Customer Application</p>

Recommended Products		
	Product	Description
	Microcontroller	
	RL78	16-bit Ultra-low Energy MCUs
	Gas Sensor	
	ZMOD4410	Indoor Air Quality Sensor Platform
	Humidity Sensor	
	HS3001	High-Performance Relative Humidity and Temperature Sensor
	Light Sensor	
	ISL29035	Integrated Digital Light Sensor with Interrupt
Meta Description	Solutions for HVAC systems and smart appliances that meet strict air quality regulations, save energy, and help maintain user's health and wellness.	
Keywords	air quality sensor, hvac sensor	