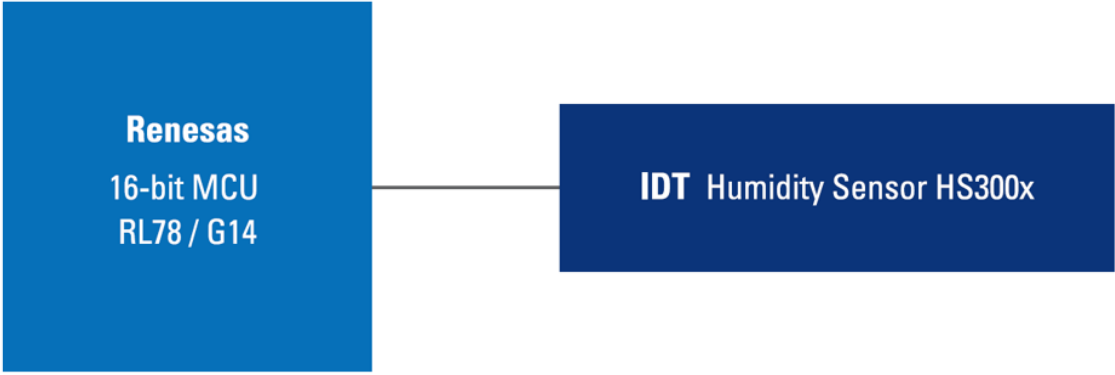|	
Title	HVAC Humidity Sensor
Overview	The RL78/G14 microcontroller and HS300x sensor provides a motor control system solution with relative humidity/temperature measurement for predictive failure diagnostics. The solution also supports appliance safety standard IEC/UL 60730, and supports closed-loop feedback with relative/humidity temperature for recirculation of outdoor to indoor air. Power and timing solutions are also available to complete these solutions. Key Features: • High-accuracy relative humidity & temperature sensor • Supports three-phase motor control • PWM output (MCU) • Up to 512 kB program flash memory • Ultra-low power MCU
Block Diagram	 16-bit MCU Humidity Sensor
Recommended Products	

Product	Description
Microcontroller	
RL78 / G14	
Humidity Sensor	
HS300x Family	Relative humidity sensor ICs

Meta Description	Motor control system solution with relative humidity/temperature measurement for predictive failure diagnostics, meets safety standard IEC/UL 60730.
Keywords	hvac humidity sensor, humidity sensor