# **PIC-IoT WG Development Board**

Connect PIC® MCU-based IoT Applications to the Google Cloud in Minutes



#### - SMART

eXtreme Low Power (XLP) PIC24FJ128GA705 MCU with advanced analog integration ideal for IoT applications



#### SECURE

The ATECC608A CryptoAuthentication<sup>™</sup> secure element ensures iron-clad security with hardware-based private key storage

#### - CONNECTED

The low-power ATWINC1510 Wi-Fi<sup>®</sup> network controller is optimized for battery-powered applications

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## **PIC-IoT WG Development Board Pinout**

Micro USB Connector			- Charg	Charge Status LEDs	
Power/Status LED		B CHITTE CHOSTAT	LiP	LiPo Connector	
			MCP738	MCP73871 LiPo Charger	
PKoB4 nano Debugger/Programmer MCP9808 Temperature Sensor			MIC33050	MIC33050 Voltage Regulator ATECC608A Secure Element Light Sensor	
			ATECC608		
		TEMP ECC60P	- Lij		
ADC AIN7	RB14		RC6	Timer/PWM	
Reset	RB15		RB7	Interrupt	
SPI CS	RA0		RB6	UART RX	
SPI SCK	RA1		RB5	UART TX	
SPI MISO	RB0		RB8	I <sup>2</sup> C SCL	
SPI MOSI	RB1		RB9	IPC SDA	
	3.3V		5.0V		
	GND		GND		
PIC24FJ128GA705	Aicrocontroller				
1102410120041001			RC5	Wi-Fi Status LED	
USER SWITCH 1	RA10		RC4	Connection Status LED	
			RC3	Data Transfer LED	
USER SWITCH 0	RA7		RB4	Error Status LED	
ATWINC1510 Wi	-Fi <sup>®</sup> Module				

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DS30010197A

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