

Pin	GP	Function	Boot State	In	Out	Data	PU	PWM	Usage	IBEM Net	Comments
12	<b>0</b>	GPIO0, ADC1_CH0, XTAL_32K_P	-	-	-	-	-	-	<b>OSC</b>	XTAL	XTAL 32.768KHz <i>Optional</i> 12p.
13	<b>1</b>	GPIO1, ADC1_CH1, XTAL_32K_N	-	-	-	-	-	-	<b>OSC</b>	XTAL	XTAL 32.768KHz <i>Optional</i> 12p.
5	<b>2</b>	GPIO2, ADC1_CH2, FSPIQ	High	Yes	-	-	Yes	-	<b>PU</b>	GP2	Strapping Pin. Floating. Pulled High. <i>Unused</i> .
6	<b>3</b>	GPIO3, ADC1_CH3	-	-	Yes	-	-	Yes	<b>Out</b>	DCMETER	PWM or Meter Out (Option)
18	<b>4</b>	GPIO4, ADC1_CH4, FSPiHD, MTMS	-	-	-	Yes	Yes	-	<b>Data</b>	SDA	I2C SDA
19	<b>5</b>	GPIO5, ADC2_CH0, FSPiWP, MTDI	-	-	-	Yes	Yes	-	<b>Data</b>	SCL	I2C SDA
20	<b>6</b>	GPIO6, FSPiCLK, MTCK	-	Yes	-	Yes	-	-	<b>In</b>	DOW	Dallas OneWire Sensor (Option)
21	<b>7</b>	GPIO7, FSPiD, MTDO	-	Yes	-	-	-	-	<b>In</b>	VZCR	From CC6921. <i>Normally not used unless AC.</i>
22	<b>8</b>	GPIO8	High	Yes	-	-	Yes	-	<b>PU</b>	ALRT	Strapping Pin. Floating !ALERT/RDY From AD1115.
23	<b>9</b>	GPIO9	High	Yes	-	-	Yes	-	<b>In</b>	PGM	Strapping Pin. Internal weak pull-up. Boot LOW. BOOT. PGM Button
16	<b>10</b>	GPIO10, FSPiCS0	-	-	Yes	-	-	-	<b>Out</b>	LED_Red	RGB LED
26	<b>18</b>	GPIO18, USB_D	-	-	Yes	-	-	-	<b>Out</b>	LED_Green	RGB LED
27	<b>19</b>	GPIO19, USB_D+	-	-	Yes	-	-	-	<b>Out</b>	LED_Blue	RGB LED
8	<b>EN</b>	Enable	High	Yes	-	-	Yes	-	<b>PRG</b>	RST	Strapping Pin. Boot LOW. BOOT. PGM Button
30	<b>RXD0</b>	GPIO20, U0RXD	-	-	-	Yes	-	-	<b>Data</b>	USB_RXD	UART Interface
31	<b>TXD0</b>	GPIO21, U0TXD	-	-	-	Yes	-	-	<b>Data</b>	USB_TXD	USB_TXD LED. UART Interface