Pin Description

QFP48			
25	**PB5/SPCK/AC1P** PB5: I/O Pin B5 SPCK: SPI Clock AC1P: Analog Comparator 1 Noninverting Input	**37**	**PC2/ADC2/APN0** PC2: I/O Pin C2 ADC2: ADC Input Channel 2 APN0: Differential Amplifier Ch-0 Inverting Input
26	**PE7/ADC11** PE7: I/O Pin E7 ADC11: ADC Input Channel 11	**38**	**PC3/ADC3/APN1** PC3: I/O Pin C3 ADC3: ADC Input Channel 3 APN1: Differential Amplifier Ch-1 Inverting Input
27	**AVCC:** Analog Circuit Positive Power Supply		
28	**PE0/SWC/APN4** PE0: I/O Pin E0 SWC: SWD Debug Interface Clock APN4: Differential Amplifier Ch-4 Inverting Input	**39**	**PC4/ADC4/SDA** PC4: I/O Pin C4 ADC4: ADC Input Channel 4 SDA: Serial - I2C Data
29	**PE1/ADC6/ACXP** PE1: I/O Pin E1 ADC6: ADC Input Channel 6 ACXP: Analog Comparator 0/1 Noninverting Input	**40**	**PC5/ADC5/SCL** PC5: I/O Pin C5 ADC5: ADC Input Channel 5 SCL: Serial - I2C Clock
30	**PE6/ADC10/AVREF** PE6: I/O Pin E6 ADC10: ADC Input Channel 10 AVREF: ADC External Reference Voltage Input	**41**	**PC6/RESETN** PC6: I/O Pin C6 RESETN: External Reset Input
31	**CVREF:** ADC Ref. External Filter Capacitor (0.1uF)	**42**	**PC7/ADC8/APN2** PC7: I/O Pin C7 ADC8: ADC Input Channel 8 APN2: Differential Amplifier Ch-2 Inverting Input
32	**AGND:** Internal Analog Circuit Ground		
33	**PE2/SWD** PE2: I/O Pin E2 SWD: SWD Debug Interface Data	**43**	**PF0/ADC9/APN3** PF0: I/O Pin F0 ADC9: ADC Input Channel 9 APN3: Differential Amplifier Ch-3 Inverting Input
34	**PE3/ADC7/AC1N** PE3: I/O Pin E3 ADC7: ADC Input Channel 7 AC1N: Analog Comparator 1 Inverting Input	**44**	**PD0/RXD** PD0: I/O Pin D0 RXD: Serial USART Receive
35	**PC0/ADC0/APP0** PC0: I/O Pin C0 ADC0: ADC Input Channel 0 APP0: Differential Amplifier Ch-0 Positive Input	**45**	**PD1/TXD** PD1: I/O Pin D1 TXD: Serial USART Transmit
36	**PC1/ADC1/APP1** PC1: I/O Pin C1 ADC1: ADC Input Channel 1 APP1: Differential Amplifier Ch-1 Positive Input	**46**	**PF1/OC3A** PF1: I/O Pin F1 OC3A: Timer/Counter 3 - Output Compare Match A
		47	**PD2/INT0/AC00** PD2: I/O Pin D2 INT0: External Interupt 0 Input AC00: Analog Comparator 0 Output
		48	**PF2/OC3B** PF2: I/O Pin F2 OC3B: Timer/Counter 3 - Output Compare Match B