

# Pin Description

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