## Pin Description

| QFP48 | QFP32 | SSOP20     |                                                                      |
|-------|-------|------------|----------------------------------------------------------------------|
| 01.10 | Q113E | 3301 20    | PD3/INT1/OC2B*                                                       |
| 01    | 01    | 03         | PD3: I/O Pin D3                                                      |
|       |       |            | INT1: External Interrupt 1 Input                                     |
|       |       |            | OC2B: Timer/Counter 2 Output Compare Match Output B                  |
| 02    | 02    |            | PD4/DA0/T0/XCK                                                       |
|       |       |            | PD4: I/O Pin D4                                                      |
|       |       |            | DAO: Digital to Analog Converter DAC                                 |
|       |       |            | T0: Timer0 Timer/Counter 0                                           |
|       |       |            | XCK: USART USART external clock                                      |
| 03    | 03    | -          | PE4/0C0A*                                                            |
|       |       |            | PE4: I/O Pin E4                                                      |
|       |       |            | OCOA: Timer/Counter 0 Output Compare Match Output A                  |
| 04    | -     | -          | PF3/0C3C/0C0B*                                                       |
|       |       |            | PF3: I/O Pin F3                                                      |
|       |       |            | OC3C: Timer/Counter 3 Output Compare Match Output C                  |
|       |       |            | OCOB: Timer/Counter 0 Output Compare Match Output B                  |
| 05    | 03    | 03         | PF4/0C1B*/ICP3                                                       |
|       |       |            | PF4: I/O Pin F4  OC1B: Timer/Counter 1 Output Compare Match Output B |
|       |       |            | ICP3: Timer 3 Capture Input                                          |
| 06    | 04    | 04         | VCC                                                                  |
| 07    | 05    | 05         | GND                                                                  |
| U1    | 03    | 05         | PE5/AC10/CLKO*                                                       |
| 08    | 06    | / <u>=</u> | PE5: I/O Pin E5                                                      |
|       |       |            | C10: Comparator AC1 Output                                           |
|       |       |            | CLKO: System Clock Output                                            |
| 09    |       | 06         | PF5/0C1A*                                                            |
|       |       |            | PF5: I/O Pin F5                                                      |
|       |       |            | OC1A: Timer/Counter 1 Output Compare Match Output A                  |
| 10    | -     | -          | PF6/T3/OC2A*                                                         |
|       |       |            | PF6: I/O Pin F6                                                      |
|       |       |            | T3: Timer 3 External clock input                                     |
|       |       |            | OC2A: Timer/Counter 2 Output Compare Match Output A                  |
| 11    | 07    | 06         | PB6/XTALO                                                            |
|       |       |            | PB6: I/O Pin B6                                                      |
|       |       |            | XTALO: Crystal Oscillator Output                                     |