

| IC1 |               |                                   |
|-----|---------------|-----------------------------------|
| 20  | PG5(RESET)    | (SEG3)PA7 44                      |
|     |               | (SEG2)PA6 45                      |
| 23  | XTAL2(TOSC2)  | (SEG1)PA5 46                      |
|     |               | (SEG0)PA4 47                      |
| 24  | XTAL1(TOSC1)  | (COM3)PA3 48 LED-O1-I1            |
|     |               | (COM2)PA2 49                      |
| 62  | AREF          | (COM1)PA1 50                      |
| 64  | AVCC          | (COM0)PA0 51                      |
| 63  | AGND          |                                   |
|     |               | (OC2A/PCINT15)PB7 17              |
| 52  |               | (OC1B/PCINT14)PB6 16              |
| 21  | VCC           | (OC1A/PCINT13)PB5 15              |
| 22  | GND           | (OC0A/PCINT12)PB4 14              |
| 53  |               | (MISO/PCINT11)PB3 13              |
|     |               | (MOSI/PCINT10)PB2 12              |
|     |               | (SCK/PCINT9)PB1 11 LED-PWR        |
|     |               | (SS/PCINT8)PB0 10                 |
| 19  | PG4(T0/SEG23) |                                   |
| 18  | PG3(T1/SEG24) | (SEG5)PC7 42 LED-O1-I3            |
| 43  | PG2(SEG4)     | (SEG6)PC6 41 LED-O1-I2            |
| 34  | PG1(SEG13)    | (SEG7)PC5 40 K12                  |
| 33  | PG0(SEG14)    | (SEG8)PC4 39 K6                   |
| 1   | LDCAP         | (SEG9)PC3 38 K8                   |
|     |               | (SEG10)PC2 37 K11                 |
|     |               | (SEG11)PC1 36 K7                  |
|     |               | (SEG12)PC0 35 K2                  |
|     |               |                                   |
|     |               | (SEG15)PD7 32 K3                  |
|     |               | (SEG16)PD6 31 K5                  |
|     |               | (SEG17)PD5 30 K1                  |
|     |               | (SEG18)PD4 29 K10                 |
|     |               | (SEG19)PD3 28 K9                  |
|     |               | (SEG20)PD2 27 K4                  |
|     |               | (SEG21/INT0)PD1 26 BUTTON         |
|     |               | (SEG22/ICP)PD0 25                 |
| 54  | PF7(ADC7/TD1) | (CLKO/PCINT7)PE7 9 LED-O3-I1      |
| 55  | PF6(ADC6/TD0) | (DO/PCINT6)PE6 8 LED-O3-I2        |
| 56  | PF5(ADC5/TMS) | (DI/SDA/PCINT5)PE5 7 LED-O3-I3    |
| 57  | PF4(ADC4/TCK) | (USCK/SCL/PCINT4)PE4 6 LED-O2-I1  |
| 58  | PF3(ADC3)     | (AIN1/PCINT3)PE3 5 LED-O2-I2      |
| 59  | PF2(ADC2)     | (XCK0/AIN0/PCINT2)PE2 4 LED-O2-I3 |
| 60  | PF1(ADC1)     | (TXD/PCINT1)PE1 3                 |
| 61  | PF0(ADC0)     | (RXD/PCINT0)PE0 2                 |

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