


| <u>Pin Function</u> | <u>Alt. Function</u> | <b>40-Pin DIP</b> |   | <u>Pin Function</u> | <u>Alt. Function</u>    |
|---------------------|----------------------|-------------------|---|---------------------|-------------------------|
| RXD0                | GPH3                 | 1                 |  LED | 40                  | +5.0 VDC INPUT          |
| TXD0                | GPH2                 | 2                 |   | 39                  | +3.3VDC OUTPUT          |
| IICSDA              | GPE15                | 3                 |   | 38                  | DN0 USB HOST (-)        |
| IIC_SCL             | GPE14                | 4                 |   | 37                  | DP0 USB HOST (+)        |
| SPIMISO0            | GPE11                | 5                 |   | 36                  | DN1 USB SLAVE (-)       |
| SPIMOSI0            | GPE12                | 6                 |   | 35                  | DP1 USB SLAVE (+)       |
| SPICLK0             | GPE13                | 7                 |   | 34                  | AIN0 (ADC INPUT - CH 0) |
| nSS0                | EINT10               | 8                 |   | 33                  | AIN1 (ADC INPUT - CH 1) |
| nRESET              | nRESET               | 9                 |   | 32                  | EINT13 SPIMISO1         |
| nRTS0               | GPH1                 | 10                |   | 31                  | EINT14 SPIMOSI1         |
| nCTS0               | GPH0                 | 11                |   | 30                  | EINT15 SPICLK1          |
| TOUT0               | GPB0                 | 12                |   | 29                  | EINT11 nSS1             |
| TOUT2               | GPB2                 | 13                |   | 28                  | LCD_VD7 GPC15           |
| RXD2                | GPH7                 | 14                |   | 27                  | LCD_VD6 GPC14           |
| TXD2                | GPH6                 | 15                |   | 26                  | LCD_VD5 GPC13           |
| VM                  | GPC4                 | 16                |   | 25                  | LCD_VD4 GPC12           |
| VFRAME              | GPC3                 | 17                |   | 24                  | LCD_VD3 GPC11           |
| VLINE               | GPC2                 | 18                |   | 23                  | LCD_VD2 GPC10           |
| VCLK                | GPC1                 | 19                |   | 22                  | LCD_VD1 GPC9            |
| GND                 | GND                  | 20                |   | 21                  | LCD_VD0 GPC8            |