

# DE1 I/O Pin Assignments

| <i>Input Switches</i> | <i>LED Outputs</i> | <i>Seven-Segment</i> |
|-----------------------|--------------------|----------------------|
| SW0 – PIN_L22         | LEDR0 – PIN_R20    | HEX0(0) – PIN_J2     |
| SW1 – PIN_L21         | LEDR1 – PIN_R19    | HEX0(1) – PIN_J1     |
| SW2 – PIN_M22         | LEDR2 – PIN_U19    | HEX0(2) – PIN_H2     |
| SW3 – PIN_V12         | LEDR3 – PIN_Y19    | HEX0(3) – PIN_H1     |
| SW4 – PIN_W12         | LEDR4 – PIN_T18    | HEX0(4) – PIN_F2     |
| SW5 – PIN_U12         | LEDR5 – PIN_V19    | HEX0(5) – PIN_F1     |
| SW6 – PIN_U11         | LEDR6 – PIN_Y18    | HEX0(6) – PIN_E2     |
| SW7 – PIN_M2          | LEDR7 – PIN_U18    |                      |
| SW8 – PIN_M1          | LEDR8 – PIN_R18    | HEX1(0) – PIN_E1     |
| SW9 – PIN_L2          | LEDR9 – PIN_R17    | HEX1(1) – PIN_H6     |
|                       |                    | HEX1(2) – PIN_H5     |
| KEY0 – PIN_R22        | LEDG0 – PIN_U22    | HEX1(3) – PIN_H4     |
| KEY1 – PIN_R21        | LEDG1 – PIN_U21    | HEX1(4) – PIN_G3     |
| KEY2 – PIN_T22        | LEDG2 – PIN_V22    | HEX1(5) – PIN_D2     |
| KEY3 – PIN_T21        | LEDG3 – PIN_V21    | HEX1(6) – PIN_D1     |
|                       | LEDG4 – PIN_W22    |                      |
|                       | LEDG5 – PIN_W21    | HEX2(0) – PIN_G5     |
|                       | LEDG6 – PIN_Y22    | HEX2(1) – PIN_G6     |
|                       | LEDG7 – PIN_Y21    | HEX2(2) – PIN_C2     |
|                       |                    | HEX2(3) – PIN_C1     |
|                       |                    | HEX2(4) – PIN_E3     |
|                       |                    | HEX2(5) – PIN_E4     |
|                       |                    | HEX2(6) – PIN_D3     |
|                       |                    |                      |
|                       |                    | HEX3(0) – PIN_F4     |
|                       |                    | HEX3(1) – PIN_D5     |
|                       |                    | HEX3(2) – PIN_D6     |
|                       |                    | HEX3(3) – PIN_J4     |
|                       |                    | HEX3(4) – PIN_L8     |
|                       |                    | HEX3(5) – PIN_F3     |
|                       |                    | HEX3(6) – PIN_D4     |



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