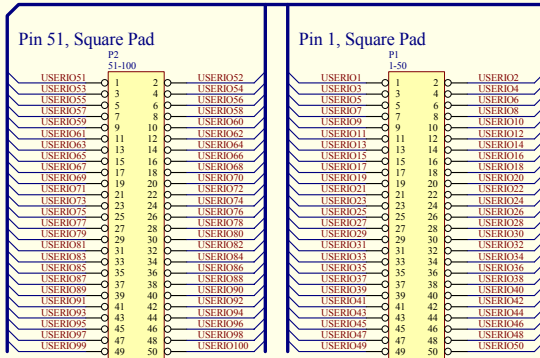


USER I/O Adapter Pinout for PC104Plus
Analog I/O Expansion Module

Pair of 0.1" Pitch (2x25 pins) Headers

2mm (4x30 pins) I/O Signal Connector



ANALOG PINOUT

| | | | |
|----|------------------------|-----|------------------------|
| 1 | (B2) = IN0 (IN1A, 0) | 51 | (D2) = IN8 (IN1B, 0) |
| 2 | (A2) = IN1 (IN2A, 0) | 52 | (C2) = IN9 (IN2B, 0) |
| 3 | (B3) = IN2 (IN3A, 0) | 53 | (B3) = IN10 (IN3B, 0) |
| 4 | (A3) = IN3 (IN4A, 0) | 54 | (C3) = IN11 (IN4B, 0) |
| 5 | (B4) = IN4 (IN5A, 0) | 55 | (D4) = IN12 (IN5B, 0) |
| 6 | (A4) = IN5 (IN6A, 0) | 56 | (C4) = IN13 (IN6B, 0) |
| 7 | (B5) = IN6 (IN7A, 0) | 57 | (D5) = IN14 (IN7B, 0) |
| 8 | (A5) = IN7 (IN8A, 0) | 58 | (C5) = IN15 (IN8B, 0) |
| 9 | (B6) = AGND | 59 | (D6) = AGND |
| 10 | (A6) = IN16 (IN1A, 1) | 60 | (C6) = IN24 (IN1B, 1) |
| 11 | (B6) = IN17 (IN2A, 1) | 61 | (D6) = IN25 (IN2B, 1) |
| 12 | (A6) = IN18 (IN3A, 1) | 62 | (C6) = IN26 (IN3B, 1) |
| 13 | (B6) = IN19 (IN4A, 1) | 63 | (D6) = IN27 (IN4B, 1) |
| 14 | (A6) = IN20 (IN5A, 1) | 64 | (C6) = IN28 (IN5B, 1) |
| 15 | (B10) = IN21 (IN6A, 1) | 65 | (D10) = IN29 (IN6B, 1) |
| 16 | (A10) = IN22 (IN7A, 1) | 66 | (C10) = IN30 (IN7B, 1) |
| 17 | (B11) = IN23 (IN8A, 1) | 67 | (D11) = IN31 (IN8B, 1) |
| 18 | (A11) = AGND | 68 | (C11) = AGND |
| 19 | (B12) = IN32 (IN1A, 2) | 69 | (D12) = IN40 (IN1B, 2) |
| 20 | (A12) = IN33 (IN2A, 2) | 70 | (C12) = IN41 (IN2B, 2) |
| 21 | (B14) = IN34 (IN3A, 2) | 71 | (D14) = IN42 (IN3B, 2) |
| 22 | (A14) = IN35 (IN4A, 2) | 72 | (C14) = IN43 (IN4B, 2) |
| 23 | (B15) = IN36 (IN5A, 2) | 73 | (D15) = IN44 (IN5B, 2) |
| 24 | (A15) = IN37 (IN6A, 2) | 74 | (C15) = IN45 (IN6B, 2) |
| 25 | (B16) = IN38 (IN7A, 2) | 75 | (D16) = IN46 (IN7B, 2) |
| 26 | (A16) = IN39 (IN8A, 2) | 76 | (C16) = IN47 (IN8B, 2) |
| 27 | (B17) = AGND | 77 | (D17) = AGND |
| 28 | (A17) = IN48 (IN1A, 3) | 78 | (C17) = IN56 (IN1B, 3) |
| 29 | (B18) = IN49 (IN2A, 3) | 79 | (D18) = IN57 (IN2B, 3) |
| 30 | (A18) = IN50 (IN3A, 3) | 80 | (C18) = IN58 (IN3B, 3) |
| 31 | (B20) = IN51 (IN4A, 3) | 81 | (D20) = IN59 (IN4B, 3) |
| 32 | (A20) = IN52 (IN5A, 3) | 82 | (C20) = IN60 (IN5B, 3) |
| 33 | (B21) = IN53 (IN6A, 3) | 83 | (D21) = IN61 (IN6B, 3) |
| 34 | (A21) = IN54 (IN7A, 3) | 84 | (C21) = IN62 (IN7B, 3) |
| 35 | (B22) = IN55 (IN8A, 3) | 85 | (D22) = IN63 (IN8B, 3) |
| 36 | (A22) = AGND | 86 | (C22) = AGND |
| 37 | (B23) = DACOUT0 | 87 | (D23) = DACOUT8 |
| 38 | (A24) = DACOUT1 | 88 | (C24) = DACOUT9 |
| 39 | (B24) = DACOUT2 | 89 | (D24) = DACOUT10 |
| 40 | (A24) = DACOUT3 | 90 | (C24) = DACOUT11 |
| 41 | (B26) = AGND | 91 | (D26) = AGND |
| 42 | (A26) = DACOUT4 | 92 | (C26) = DACOUT12 |
| 43 | (B27) = DACOUT5 | 93 | (D27) = DACOUT13 |
| 44 | (A27) = DACOUT6 | 94 | (C27) = DACOUT14 |
| 45 | (B28) = DACOUT7 | 95 | (D28) = DACOUT15 |
| 46 | (A28) = AGND | 96 | (C28) = AGND |
| 47 | (B29) = AGND | 97 | (D29) = AGND |
| 48 | (A29) = - | 98 | (C29) = - |
| 49 | (B30) = - | 99 | (D30) = - |
| 50 | (A30) = - | 100 | (C30) = SAMPLE_10 |

I/O PINOUT

| | | | |
|-----------------|------------------|-----------------|-----------------|
| D.30. USERI/099 | C.30. USERI/0100 | B.30. USERI/049 | A.30. USERI/050 |
| D.29. USERI/097 | C.29. USERI/098 | B.29. USERI/047 | A.29. USERI/048 |
| D.28. USERI/095 | C.28. USERI/096 | B.28. USERI/045 | A.28. USERI/046 |
| D.27. USERI/093 | C.27. USERI/094 | B.27. USERI/043 | A.27. USERI/044 |
| D.26. USERI/091 | C.26. USERI/092 | B.26. USERI/041 | A.26. USERI/042 |
| D.25. USERI/089 | C.24. USERI/090 | B.24. USERI/039 | A.24. USERI/040 |
| D.23. USERI/087 | C.23. USERI/088 | B.23. USERI/037 | A.23. USERI/038 |
| D.22. USERI/085 | C.22. USERI/086 | B.22. USERI/035 | A.22. USERI/036 |
| D.21. USERI/083 | C.21. USERI/084 | B.21. USERI/033 | A.21. USERI/034 |
| D.20. USERI/081 | C.20. USERI/082 | B.20. USERI/031 | A.20. USERI/032 |
| D.19. USERI/079 | C.19. USERI/080 | B.19. USERI/029 | A.19. USERI/030 |
| D.18. USERI/077 | C.18. USERI/078 | B.18. USERI/027 | A.18. USERI/028 |
| D.17. USERI/075 | C.17. USERI/076 | B.17. USERI/025 | A.17. USERI/026 |
| D.16. USERI/073 | C.16. USERI/074 | B.16. USERI/023 | A.16. USERI/024 |
| D.15. USERI/071 | C.15. USERI/072 | B.15. USERI/021 | A.15. USERI/022 |
| D.14. USERI/069 | C.14. USERI/070 | B.14. USERI/019 | A.14. USERI/020 |
| D.13. USERI/067 | C.13. USERI/068 | B.13. USERI/017 | A.13. USERI/018 |
| D.12. USERI/065 | C.12. USERI/066 | B.12. USERI/015 | A.12. USERI/016 |
| D.11. USERI/063 | C.11. USERI/064 | B.11. USERI/013 | A.11. USERI/014 |
| D.10. USERI/061 | C.10. USERI/062 | B.10. USERI/011 | A.10. USERI/012 |
| D.9. USERI/059 | C.9. USERI/060 | B.9. USERI/009 | A.9. USERI/010 |
| D.8. USERI/057 | C.8. USERI/058 | B.8. USERI/007 | A.8. USERI/008 |
| D.7. USERI/055 | C.7. USERI/056 | B.7. USERI/005 | A.7. USERI/006 |
| D.6. USERI/053 | C.6. USERI/054 | B.6. USERI/003 | A.6. USERI/004 |
| D.5. USERI/051 | C.5. USERI/052 | B.5. USERI/001 | A.5. USERI/002 |
| D.4. USERI/049 | C.4. USERI/050 | B.4. USERI/047 | A.4. USERI/048 |
| D.3. USERI/047 | C.3. USERI/048 | B.3. USERI/045 | A.3. USERI/046 |
| D.2. USERI/045 | C.2. USERI/046 | B.2. USERI/043 | A.2. USERI/044 |
| D.1. USERI/043 | C.1. USERI/044 | B.1. USERI/041 | A.1. USERI/042 |

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| Size | Number | Revision | |
| Orcad B | | | |
| Date: | 25-Feb-2004 | Sheet of | |
| File: | F:\TEMP\adapt | 104term.rtd.dtb | Drawn By: |