Hera 200 IO Connector

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| **IDC Pin** | **LABEL** | **ATMEL** | **AUX** |  | **IDC Pin** | **LABEL** | **ATMEL** | **AUX** |
| 1 | SCK | PB1 |  |  | 34 | AREF | AREF |  |
| 2 | MOSI | PB2 |  |  | 33 | GND | GND |  |
| 3 | MISO | PB3 |  |  | 32 | IO13 | PC7 | BLUE |
| 4 | SS | PB0 | GREEN |  | 31 | IO12 | PD6 | GREEN |
| 5 | RESET | ~RESET |  |  | 30 | IO11 | PB7 | RTS |
| 6 | VCC | 3.3V |  |  | 29 | IO10 | PB6 |  |
| 7 | 5V | *5V* |  |  | 28 | IO9 | *PB5* |  |
| 8 | GND | GND |  |  | 27 | NC |  |  |
| 9 | GND | GND |  |  | 26 | APP\_CTS | PD5 | RED |
| 10 | VIN | VIN |  |  | 25 | NC |  |  |
| 11 | HWB | PE2 |  |  | 24 | D6 | PD7 |  |
| 12 | A0 | PF7 | BLUE |  | 23 | D5 | PC6 |  |
| 13 | A1 | PF6 | GREEN |  | 22 | D4 | PD4 |  |
| 14 | A2 | PF5 |  |  | 21 | NC |  |  |
| 15 | A3 | PF4 |  |  | 20 | NC |  |  |
| 16 | A4 | PF3 |  |  | 19 | D1 | PD3 | TXD |
| 17 | A5 | PF2 |  |  | 18 | D0 | PD2 | RXD |

Other important interfaces!

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| **LABEL** | **ARDUINO** | **ATMEL** |
| GSM\_RX | D8 | PB4 |
| GSM\_TX | D3 & D2 | PD1 PD0 |
| GSM\_PWRKEY | D7 | PE6 |