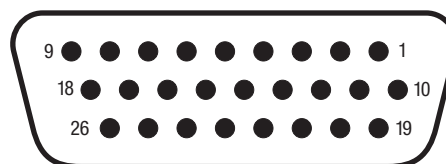
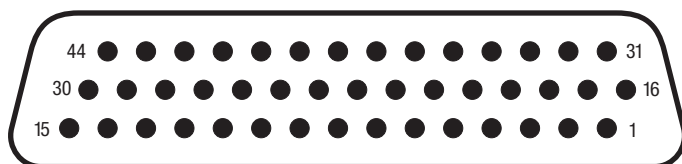


# APS-SERIES AUTOPILOT PLATFORM PIN-OUT

Looking into face of connectors



|        |    |    |         |
|--------|----|----|---------|
| RxD_2  | 1  | 23 | IO_14   |
| GND    | 2  | 24 | IO_16   |
| IO_2   | 3  | 25 | IO_19   |
| IO_5   | 4  | 26 | IO_22   |
| GND    | 5  | 27 | IO_24   |
| IO_10  | 6  | 28 | IO_27   |
| IO_13  | 7  | 29 | IO_30   |
| GND    | 8  | 30 | PWR_RTN |
| IO_18  | 9  | 31 | TxD_1   |
| IO_21  | 10 | 32 | GND     |
| GND    | 11 | 33 | GND     |
| IO_26  | 12 | 34 | IO_4    |
| IO_29  | 13 | 35 | IO_7    |
| GND    | 14 | 36 | IO_9    |
| PWR_IN | 15 | 37 | IO_12   |
| RxD_1  | 16 | 38 | IO_15   |
| TxD_2  | 17 | 39 | IO_17   |
| GND    | 18 | 40 | IO_20   |
| IO_3   | 19 | 41 | IO_23   |
| IO_6   | 20 | 42 | IO_25   |
| IO_8   | 21 | 43 | IO_28   |
| IO_11  | 22 | 44 | IO_31   |

|          |    |    |           |
|----------|----|----|-----------|
| 1PPS_a   | 1  | 14 | ANALOG_10 |
| 1PPS_b   | 2  | 15 | GND       |
| GND      | 3  | 16 | ANALOG_5  |
| GND      | 4  | 17 | ANALOG_3  |
| ANALOG_9 | 5  | 18 | ANALOG_0  |
| ANALOG_7 | 6  | 19 | RxD_3     |
| ANALOG_4 | 7  | 20 | TxD_3     |
| ANALOG_2 | 8  | 21 | GND       |
| GND      | 9  | 22 | ANALOG_11 |
| RxD_4    | 10 | 23 | ANALOG_8  |
| TxD_4    | 11 | 24 | ANALOG_6  |
| GND      | 12 | 25 | GND       |
| +5V_OUT  | 13 | 26 | ANALOG_1  |

TxD\_\* are transmitted from APS  
RxD\_\* are received by APS