



Info for assembly

**Pinout**

Signals	Volts	AMPS	Colors	HD26 Male (P1)	to	HD26 Male (P2)
CONN_MPS	3.3 TTL		White	Pin 1		Pin 1
DGND			White	Pin 2		Pin 2
CONN_TG_OUT	3.3 TTL		White	Pin 3		Pin 3
DGND			White	Pin 4		Pin 4
CONN_DAQ	3.3 TTL		White	Pin 5		Pin 5
DGND			White	Pin 6		Pin 6
CONN_RUN	3.3 TTL		White	Pin 7		Pin 7
DGND			White	Pin 8		Pin 8
CONN_DET_BIAS	~100		White	Pin 9		Pin 9
AGND			White	Pin 10		Pin 10
DGND			White	Pin 11		Pin 11
AGND			White	Pin 12		Pin 12
DGND			White	Pin 13		Pin 13
SPARE_GND			White	Pin 14		Pin 14
AGND			White	Pin 15		Pin 15
DGND			White	Pin 16		Pin 16
TEC_GND			Pair 1- Red	Pin 17		Pin 17
CONN_DET_GND			White	Pin 18		Pin 18
CONN_ANA_VIN	6	0.2	White	Pin 19		Pin 19
CONN_DIG_VIN	6	0.5	White	Pin 20		Pin 20
CONN_ANA_VIN	6	0.2	White	Pin 21		Pin 21
CONN_DIG_VIN	6	0.5	White	Pin 22		Pin 22
SPARE_PWR			White	Pin 23		Pin 23
CONN_ANA_VIN	6	0.2	White	Pin 24		Pin 24
CONN_DIG_VIN	6	0.5	White	Pin 25		Pin 25
TEC_VIN			Pair 1- Black	Pin 26		Pin 26
?			Green	Shield to backshell		

**BOM**

#	Description	P/N	Qty
1	HD26 Male Conector, Crimp	1757823-8	2
2	DB26 pos backshell	?	2
3	Wire 22 AWG	MIL-W16878/4-BFE-X	AR
4	FR Sleeve 1/4"	SP025CCFR-WT	AR
5	Alpha Braid 1/4"	2142	AR
6	Brady cable Label	WML-511-292	2

**Cable Labels**

Label
CA-261-807-89

**Note: Added 2/9/2023**

- Signal info from PC-261-100-67-C00 & ePix Readout System Presentation 12/01/2015
- Current in table expect, but measurement see for Analog 1[A] and Digital 0.8[A]
- Max supply current to either analog or digital is limited to  $0.92 \times 3 = 2.76[A]$

Added 2/9/2023

Info for assembly

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<p><b>ENGR</b> Mark McKelvey  <b>DRTS</b> Stephen Cisneros  <b>CHKD</b> Scott T. Block</p>		<p><b>DATE</b>  3/7/2018  8/20/2020  2/9/2023</p> <p><b>APPROVALS</b></p>	
<p><b>EPIX100/10k New PDU Power Cable</b></p>		<p><b>CA-261-807-89-C00</b></p>	