

Pinout

Info for assembly

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

Added 2/9/2023

Info for assembly

BOM



#	Description	P/N	Qty
1	HD26 Male Conector, Crimp	1757823-8	2
2	DB26 pos backshell	?	2
3	Twisted Red-White Wire 22 AWG	?	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  $0.92 \times 3 = 2.76[A]$

 		1 of 1	
ENGR Mark McKelvey DRTS Stephen Cisneros CHKD Scott T. Block		DATE 3/7/2018 8/20/2020 2/16/2023	
APPROVALS _____ _____ _____		EPIX100/10k New PDU Power Cable	
		CA-261-807-89-C00	