

ARIES Wiring Harness, Device-Specific, for H2RG

MDM-37P to H2RG mount	Function Description	Location on standoff	Color Key	
1	N/C	N/C		
2	HCLK	MDM21S-2	Green	MDM37P analog outputs
3	DGND	MDM21S-4	Blue	MDM21P analog bias lines
4	VCLK	MDM21S-6	Orange	MDM21S digital lines
5	MAINRESET	MDM21S-8		
6	RESETEN	MDM21S-10		
7	LINECHK	MDM21S-12		
8	RefOutA	MDM37P-5		
9	OutputA(7)	MDM37P-1		
10	WindowOutA	MDM37P-6		
11	OutputA(15)	MDM37P-2		
12	OutputA(23)	MDM37P-3		
13	OutputA(31)	MDM37P-4		
14	Bias Power	MDM21P-8		
15	Drain	MDM21P-10		
16	Vreset	MDM21P-12		
17	AGND	MDM37P-37		
18	Vdd A	MDM21P-15		
19	GND option	N/C		
20	LSYNC	MDM21S-1		
21	Vd	MDM21S-3		
22	FSYNC	MDM21S-5		
23	CSB	MDM21S-7		
24	READEN	MDM21S-9		
25	FRAMECHK	MDM21S-11		
26	RefOutA	MDM37P-5		
27	OutputA(7)	MDM37P-1		
28	WindowOutA	MDM37P-6		
29	OutputA(15)	MDM37P-2		
30	OutputA(23)	MDM37P-3		
31	OutputA(31)	MDM37P-4		
32	Bias Power	MDM21P-8		
33	ICTL Bias Gate	MDM21P-9		
34	Cell Drain	MDM21P-11		
35	Dsub	MDM21P-13		
36	AGND	MDM37P-37		
37	temp1	MDM21P-16		