

A

B

C

D

A

B

C

D

H1		GNDA GNDA	
Cell drain	1	47	TEMP1
Drain	2	48	VIDOUT15
VBIASGATE	3	49	VDDA
VBIASOUTBUF	4	50	VRESEYRESET
VBIASPOWER	5	51	TEMP2
VPBIAS	6	52	TEMP2RET
REFSAMPLE	7	53	VIDOUT21
REFCOLBUF	8	54	VPCASC
DSUB	9	55	VIDOUT17
VNCASC	10	56	VIDOUT29
VNBIAS	11	57	TEMP1RET
VIDOUT31	12	58	VIDOUT13
VIDOUT26	13	59	VIDOUT19
VIDOUT22	14	60	VIDOUT30
VIDOUT20	15	61	VIDOUT11
VIDOUT27	16	62	VIDOUT25
VIDOUT18	17	63	VIDOUTWIN
VIDOUT09	18	64	VIDOUT28
VIDOUT16	19	65	VIDOUT03
VIDOUT14	20	66	VIDOUT05
VIDOUT24	21	67	SUB
VIDOUT23	22	68	VIDOUT01
VIDOUT10	23	69	VIDOUT04
VIDOUT07	24	70	BUFDISABLE
VIDOUT12	25	71	HCLK1
VIDOUT06	26	72	HCLKWM2
VIDOUT08	27	73	FASTENPAD
VIDOUTREF	28	74	MODECNTRL2
VIDOUT02	29	75	HCLKWM1
VTESTEN	30	76	RESETEN
VIDOUT00	31	77	VREADEEDGE
FSYNCB	32	78	HCLK2
HTESTEN	33	79	HCLK1WM1B
MODECTRL1	34	80	READEN
VDD	35	81	
CSB	36		
HRESETB	37		
GND	38	84	FRAMECHK
HCLK1B	39	85	DATAIN
VCLK	40	86	VERTWMEM
HCLK	41	87	HCLK2B
MAINRESETB	42	88	HREADEDGE
LSYNC	43	89	DATAOUT
HCLKWM2B	44	90	DATACLK
HORIWMEM	45	91	VRESETB
LINECHK	46	92	SAMPLECLK

Header_92Pins

J1		GNDA	
Cell drain	1	47	TEMP1
Drain DRAIN	2	48	VIDOUT15
VBIASGATE	3	49	VDDA
VBIASOUTBUF	4	50	VRESET
VBIASPOWER	5	51	TEMP2
VPBIAS	6	52	TEMP2RET
REFSAMPLE	7	53	VIDOUT21
REFCOLBUF	8	54	VPCASC
DSUB	9	55	VIDOUT17
VNCASC	10	56	VIDOUT29
VNBIAS	11	57	TEMP1RET
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VIDOUT24	21	67	SUB
VIDOUT23	22	68	VIDOUT01
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VIDOUT00	31	77	VREADEEDGE
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HTESTEN	33	79	HCLK1WM1B
MODECTRL1	34	80	READEN
VDD	35	81	
CSB	36	82	
HRESETB	37	83	
GND	38	84	FRAMECHK
HCLK1B	39	85	DATAIN
VCLK	40	86	VERTWMEM
HCLK	41	87	HCLK2B
HCLKHCLK	42	88	HREADEDGE
MAINRESETB	43	89	DATAOUT
LSYNC	44	90	DATACLK
HCLKWM2B	45	91	VRESETB
HORIWMEM	46	92	SAMPLECLK

Hirose_H2RG_92Pins

ORIGINATORS				1200 E. California Blvd Mail Code 11-17 Pasadena, Ca. 91125			
ENGINEERING E. E. CRONER 9/17/2102		CALTECH OPTICAL OBSERVATORIES					
DRAFTING E. E. CRONER 9/17/12		Hirose_H2RG (PCB)					
ENG APPROVAL							
DOC APPROVAL		Size B	FCSM No.	DWG No.	Rev -		
		Scale	Sheet				