



NATIONAL OPTICAL  
ASTRONOMY  
OBSERVATORY

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**MONSOON**  
**Assembly**  
**36 CH IR Acquisition Board Set**  
**SN001-009 NEWFIRM**

**Dwg No.: MNSN-EL-10-0100-001 Rev: A**  
**Next Assembly: MNSN-EL-02-0001**

LTR	DESCRIPTION	ECR	DATE	BY	APPRVD
--	INITIAL RELEASE				

NOTES

ASSEMBLY  
Clock Bias Board Assembly  
36 CH IR Acquisition Board

DWG #: MNSN-EL-10-0100-001  
10/12/2006

1. Board marking shows MON.3000.0003 Rev A reissued as document number MNSN-EL-04-1004 Rev A
2. Board marking shows MON.3000.0000 Rev A reissued as document number MNSN-EL-04-2004 Rev A
3. Board marking shows MON.3000.0001 Rev A reissued as document number MNSN-EL-04-0004 Rev A
4. Board marking shows MON.3000.0004 Rev A reissued as document number MNSN-EL-04-3004 Rev A

ITEM	QTY	Part Number	MFR	Description	COMMENT
1	1	MNSN-AD-08-0002	NOAO	Board Description, 36 CH IR Acq Board	
2	1	MNSN-EL-04-0004	NOAO	Assembly PCB, IR Acq Mother board	use latest revision "#"
3	1	MNSN-EL-04-2004-001	NOAO	Schematic, IR Acq Mother Board	
4	1	MNSN-EL-04-4004-001	NOAO	BOM, IR Acq Mother Board	
5	1	MNSN-EL-07-0101-*	NOAO	**ART, IR Acq MOther Board	
6	1	MNSN-EL-08-0101-*	NOAO	**FUN, IR Acq MOther Board	
7	1	IrAcqFpgaV413.bit	NOAO	U55 Firmware CHKSUM: 04091802	
8	3	IrAcqCpldV40.jed	NOAO	U51,U53, U54 Firmware CHKSUM: fc2d	
9	1	MNSN-EL-04-0005	NOAO	Assembly PCB, IR Acq Daughter board	
10	1	MNSN-EL-04-2005-001	NOAO	Schematic, IR Acq Daughter Board	
11	1	MNSN-EL-04-4005-001	NOAO	BOM, IR Acq Daughter Board	
12	1	MNSN-EL-07-0201-*	NOAO	**ART, IR Acq Daughter Board	
13	1	MNSN-EL-08-0201-*	NOAO	**FUN, IR Acq Daughter Board	
14	1	IrAcqFpgaV413.mcs	NOAO	U95 Firmware CHKSUM: 04091802	
15	3	IrAcqCpldV40.jed	NOAO	U7, U18, U26 Firmware CHKSUM: fc2d	
16	1	MNSN-EL-02-1101-*	NOAO	Detail Panel, IR Acq Mother Board	
17	1	20817-732	Schroff	Handle, IEL locking function bottom	
18	1	20817-734	Schroff	Handle, IEL locking function top	
19	1	30848-317	Schroff	Panel, 6U shielded Front Panel	

