



Laboratory Support Services and Operations
Kennedy Space Center, Florida

Charge Injection Devices: Overview



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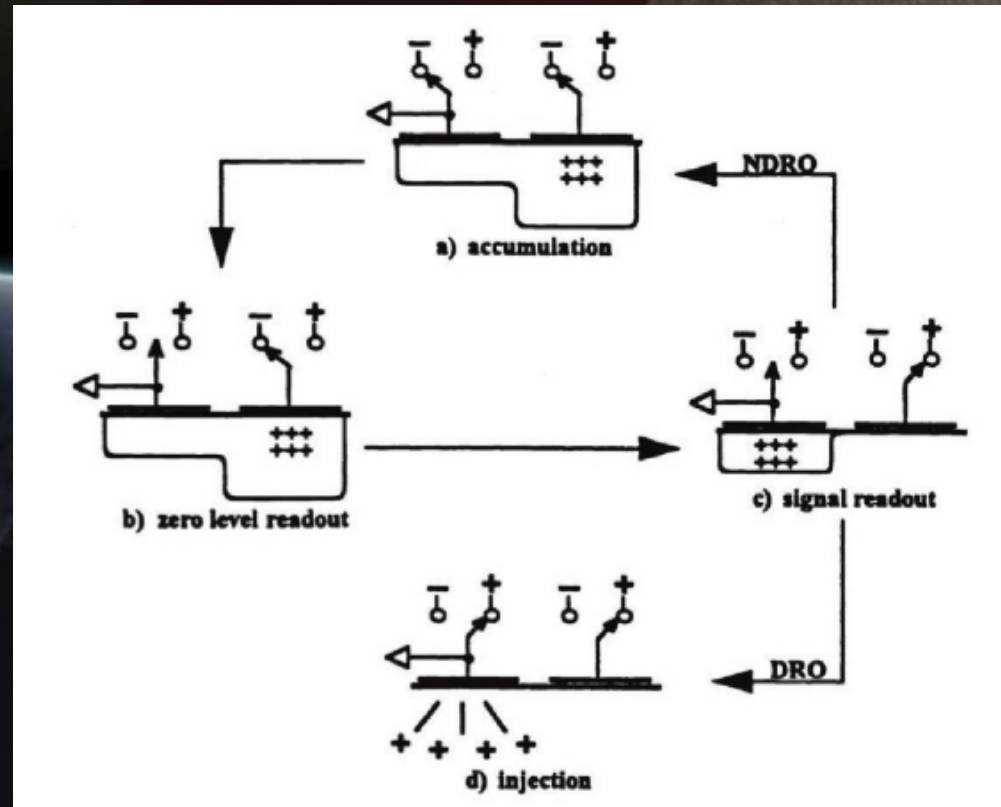
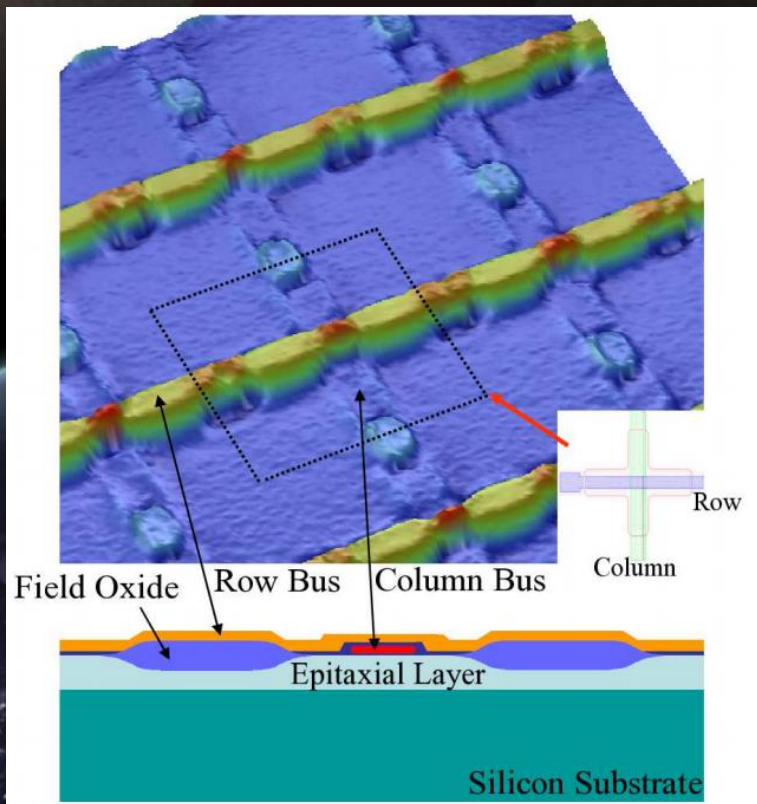


Charge Injection Devices

- Independent pixel control
- Non destructive readout
- High dynamic range
 - Broad range of applications
- Radiation hard
- TRL-8 in LEO



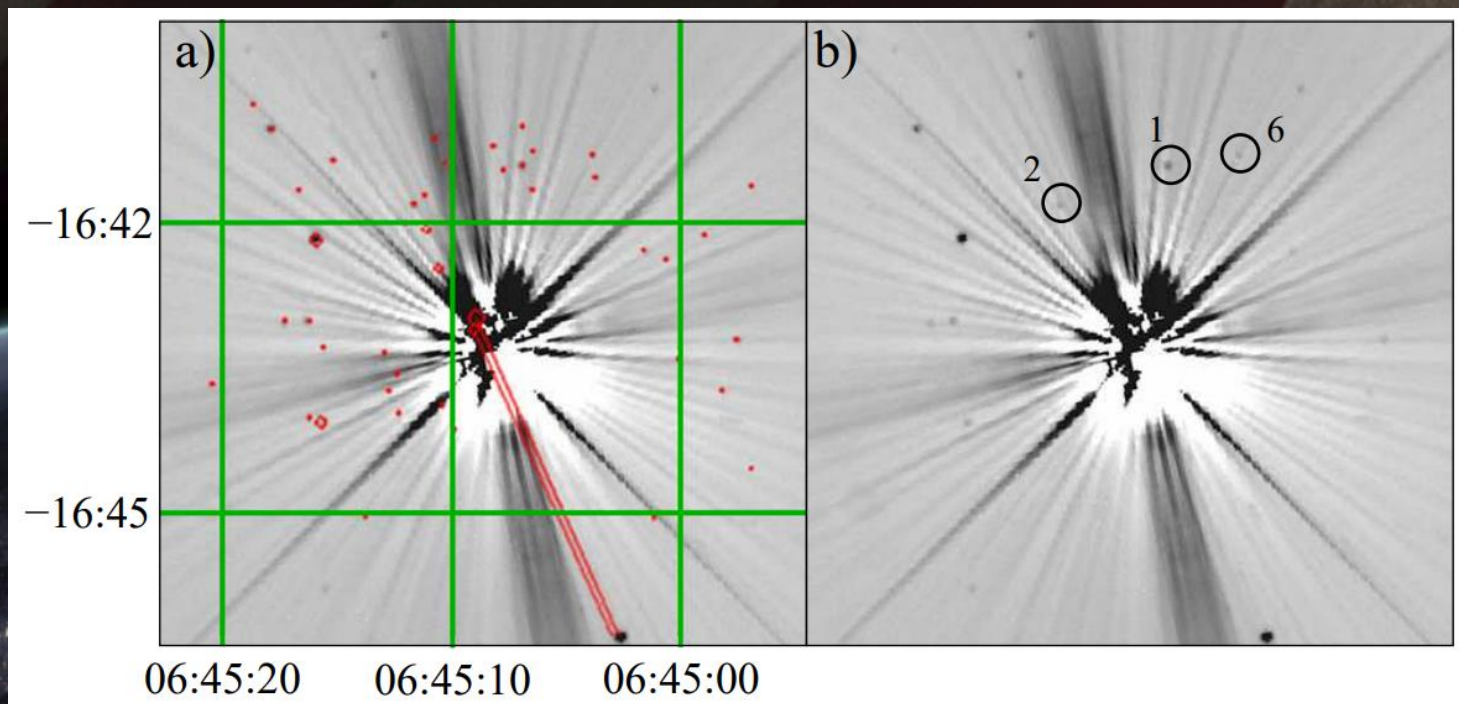
Pixel Control and Readout





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Dynamic Range



1:20 million

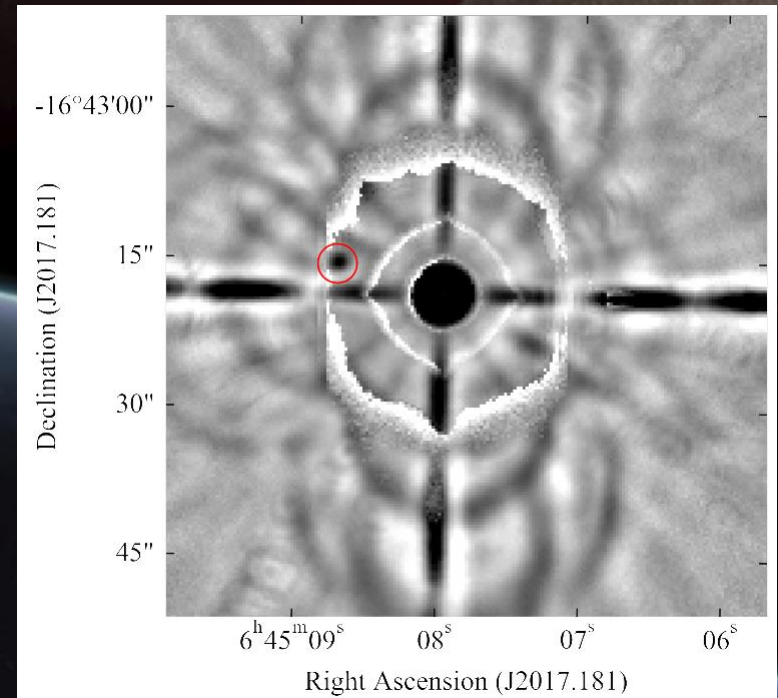
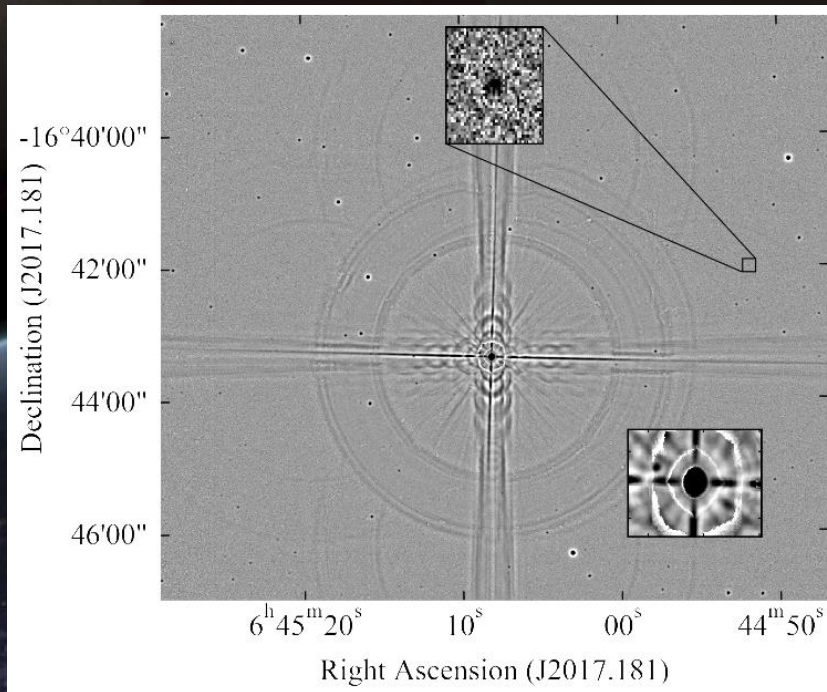


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Dynamic Range



1:100 million

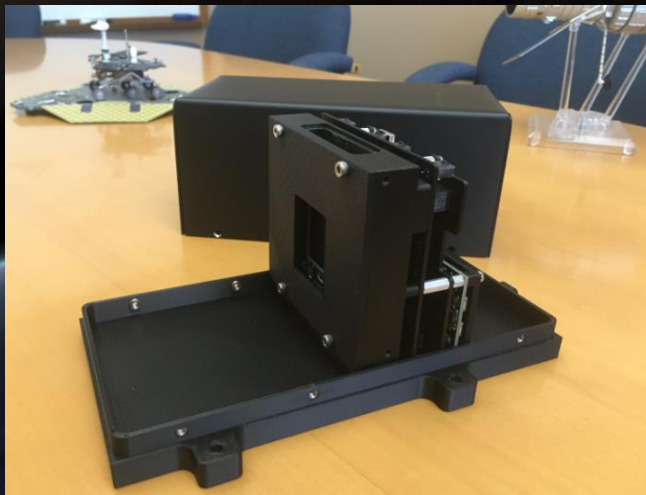


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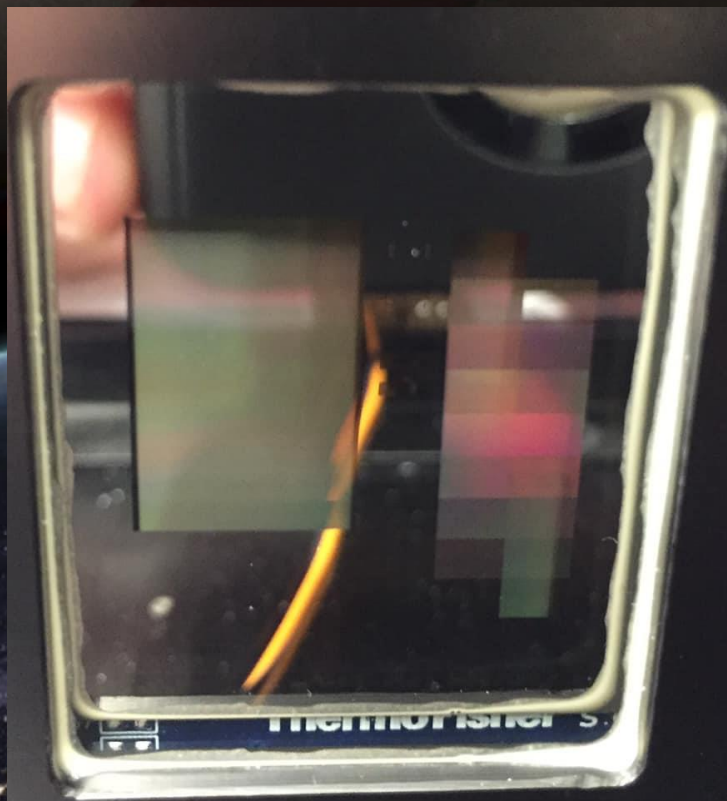
Rad Hard, TRL-8 (LEO)





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Rad Hard, TRL-8 (LEO)



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Lunar Applications



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