Module Development for the Phase-2 ATLAS ITk Pixel Upgrade

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trac

0.9

0.8

0.7

0.6

0.5

p⁺

0.96

6 8

- 250×50um²

م

0.





- Development of sensors, readout chips and other components well under way.
- Sensor: Both types show good performance.
- First RD53 front-end chips under investigation in modules, system aspects are to verify next.
- Further requirements: Glue is almost fixed. Encapsulant selection needs more detailed investigation.