

ATLASPix Serial Powering -- First Try

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ATLASPix Serial Powering

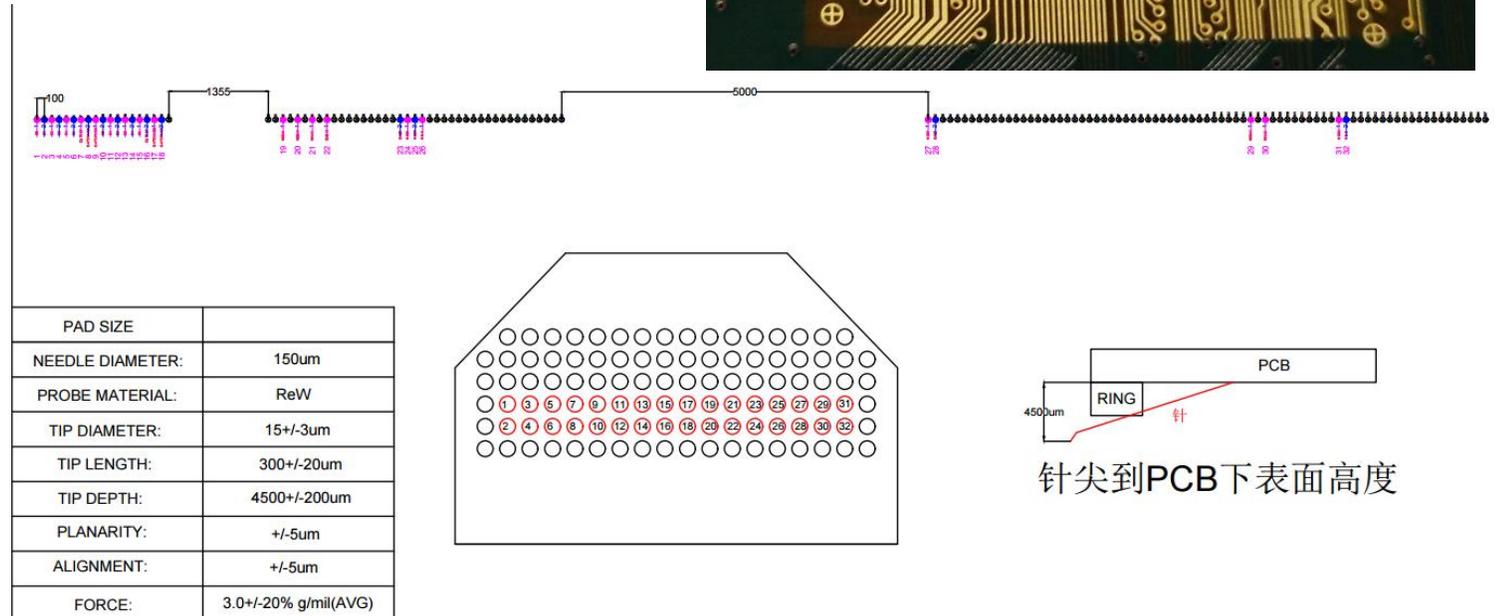
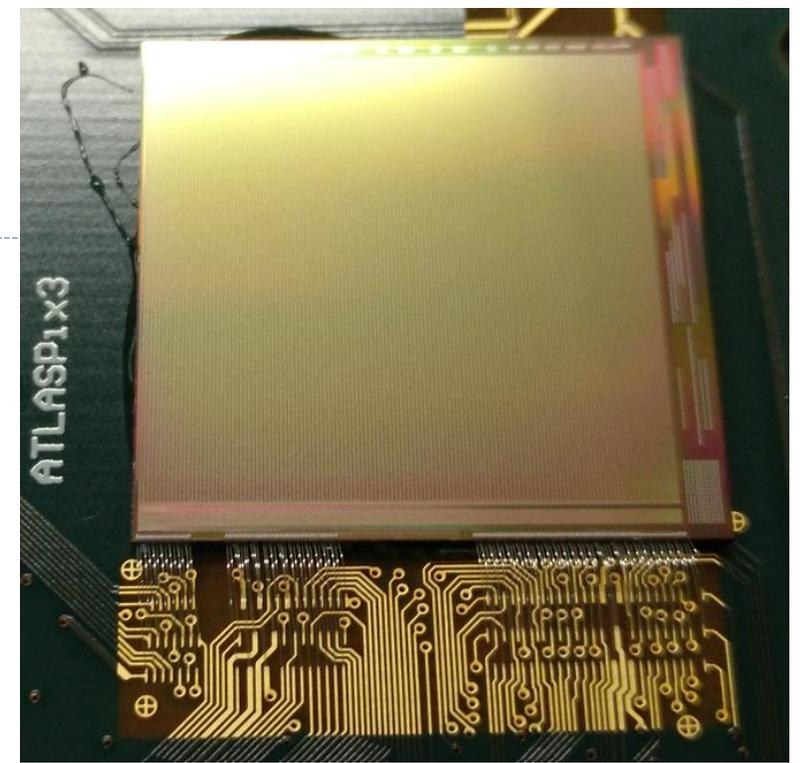
Probe Card Design

1. b0
2. b1
3. b2
4. b3
5. b4
6. b5
7. outref
8. gatenmos
9. gatepmos
10. b0
11. b1
12. b2
13. b3
14. b4
15. b5
16. outref
17. gatenmos
18. gatepmos

Vdd!

Vdda!

19. vdda!
20. vdda1
21. vina1
22. gnda!
23. gnd!
24. vdd!
25. vdd1
26. vin1
27. vdd!
28. gnd!
29. vdda2
30. vina2
31. vdd2
32. vin2



Probe Card Production

- | | | |
|--------------|-------|-----------|
| 1. b0 | Vdd! | 19. vdda! |
| 2. b1 | | 20. vdda1 |
| 3. b2 | | 21. vina1 |
| 4. b3 | | 22. gnda! |
| 5. b4 | | 23. gnd! |
| 6. b5 | | 24. vdd! |
| 7. outref | | 25. vdd1 |
| 8. gatenmos | | 26. vin1 |
| 9. gatepmos | | 27. vdd! |
| 10. b0 | Vdda! | 28. gnd! |
| 11. b1 | | 29. vdda2 |
| 12. b2 | | 30. vina2 |
| 13. b3 | | 31. vdd2 |
| 14. b4 | | 32. vin2 |
| 15. b5 | | |
| 16. outref | | |
| 17. gatenmos | | |
| 18. gatepmos | | |



Frist try

1. Probe Station RF arm
2. A simple version or not ???
3. Soldering wire on pins

