



# INTT Sensor Test Report

NCU

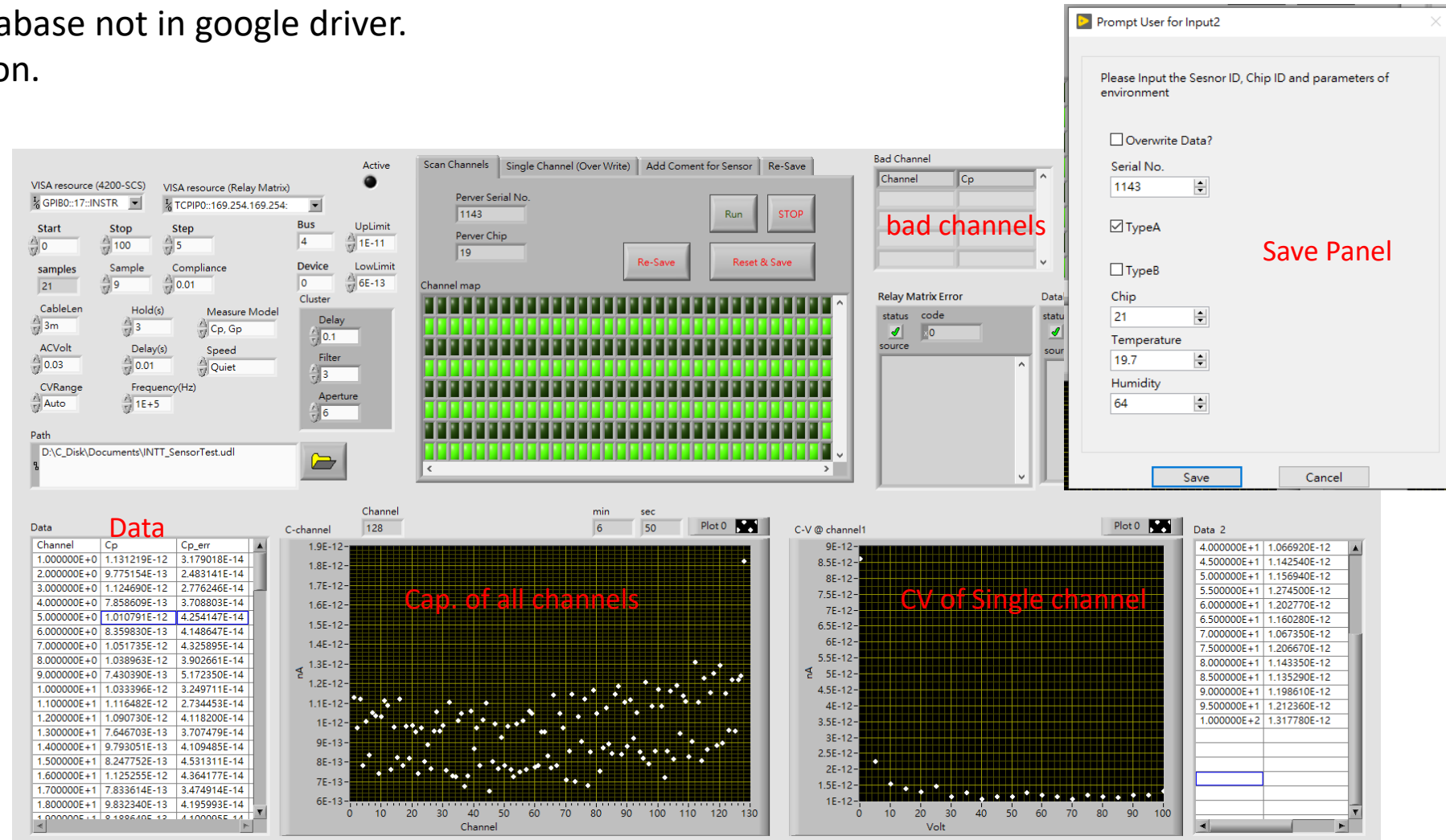
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# Program and Result

- We started the testing in last week, the status and photos put in this google driver <https://drive.google.com/open?id=1VWTJQXKsx6vh7fGongHU33vtLfTbTcUc>
- All data were stored in database not in google driver.
- The plots will be drawn soon.

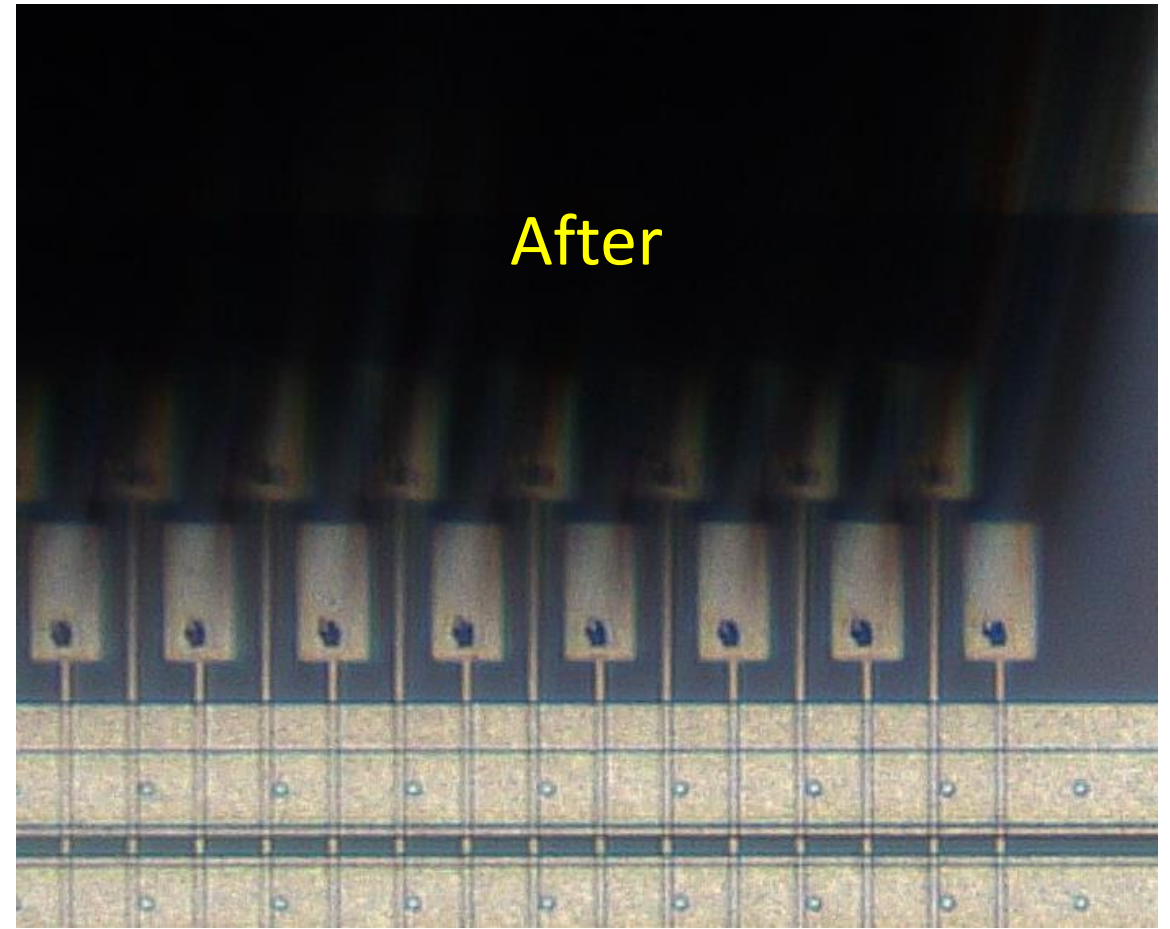
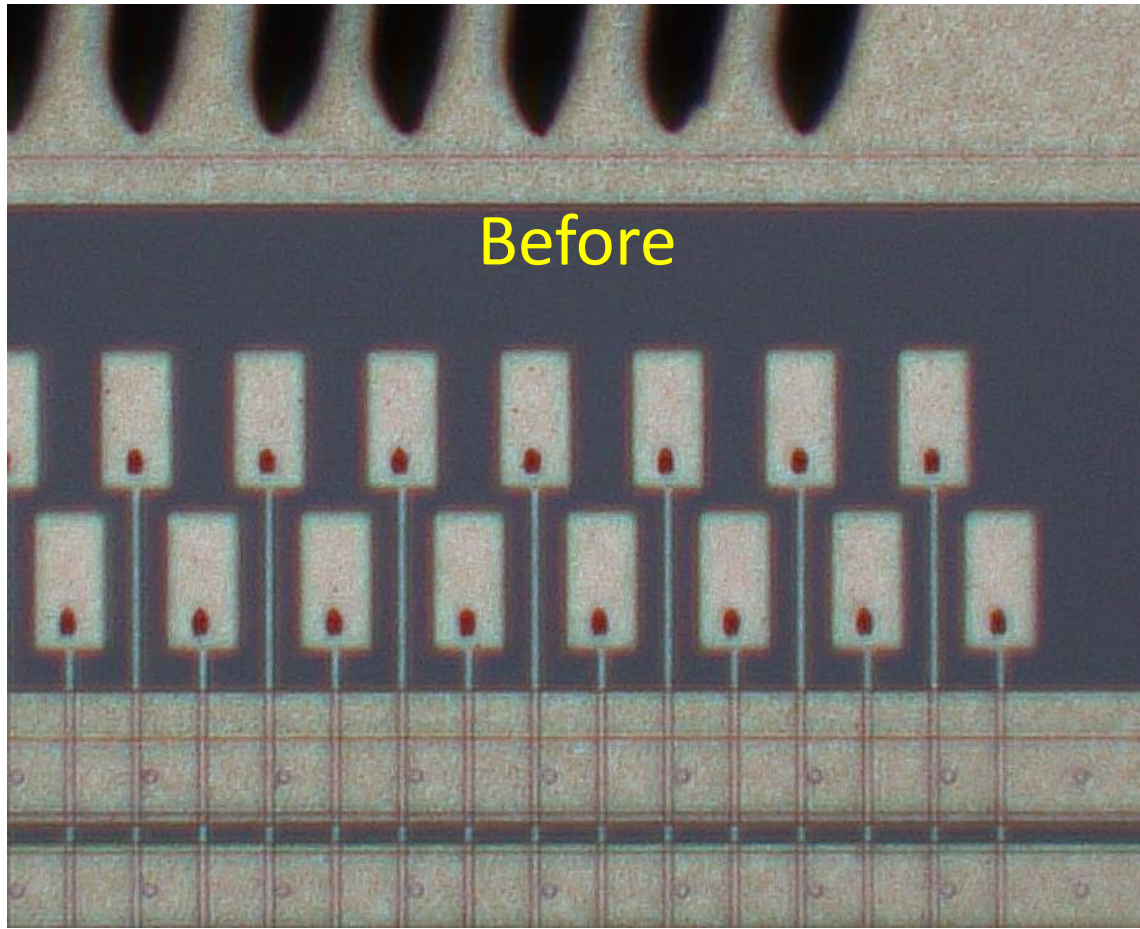
Frequency : 100k Hz  
Average points : 9  
Switch time: 200ms  
Delay time: 10ms  
Measure time: 6m50s

The capacitance of one channel is usually **0.7-1.2pF**.  
The channel 128 has higher value, because opposite chip is floating.



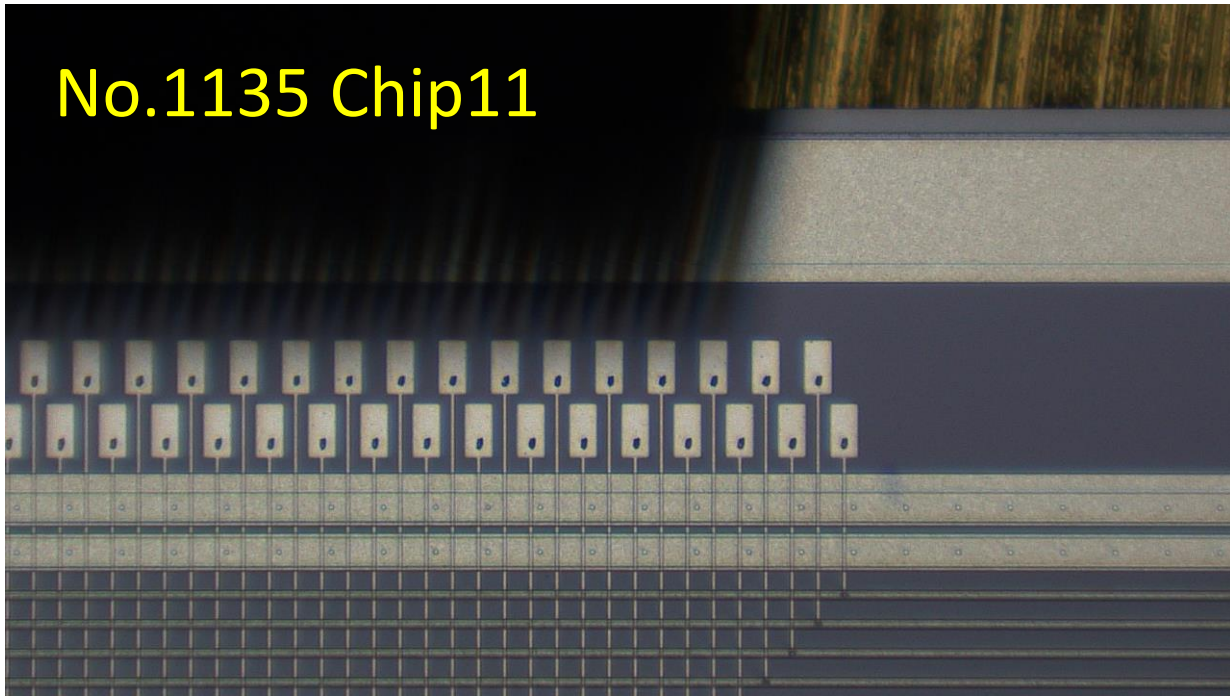
# Photos

No.1131 Chip19

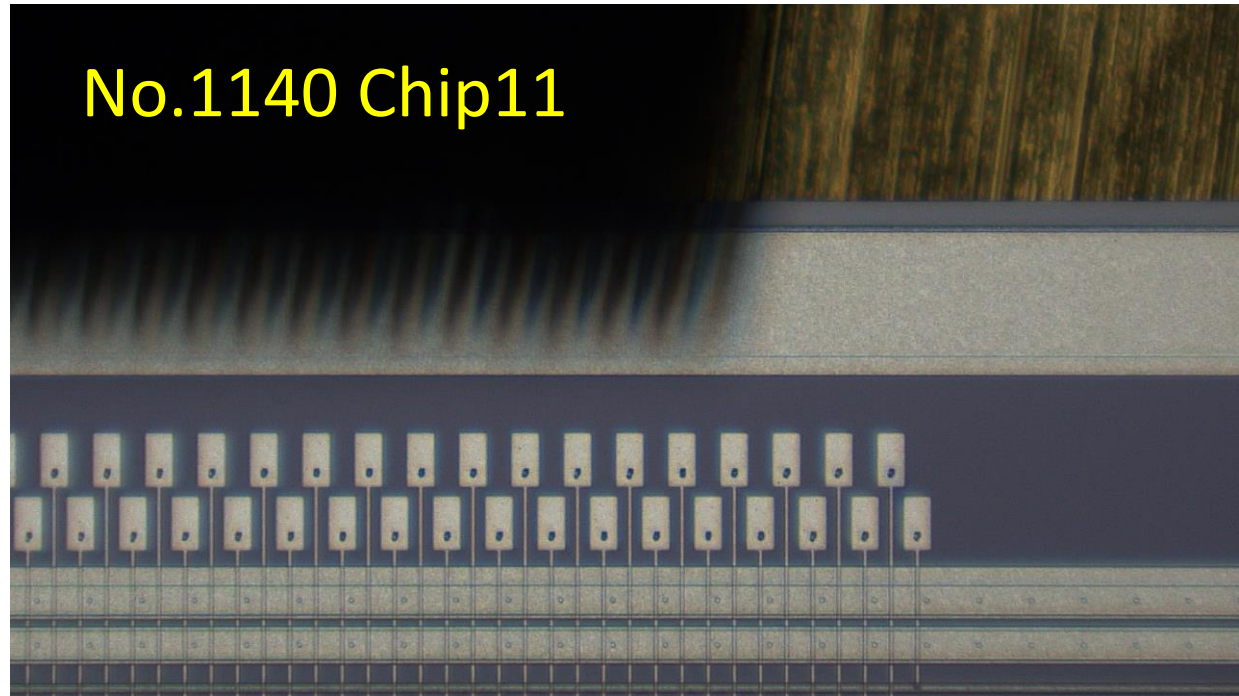




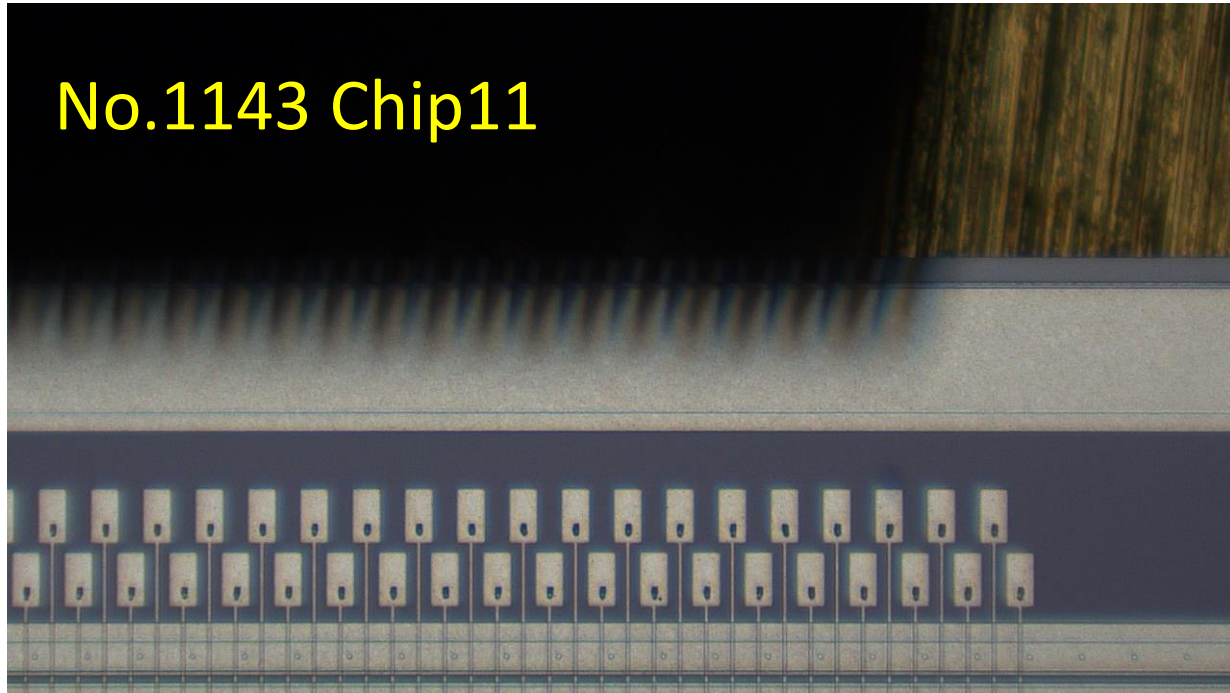
No.1135 Chip11



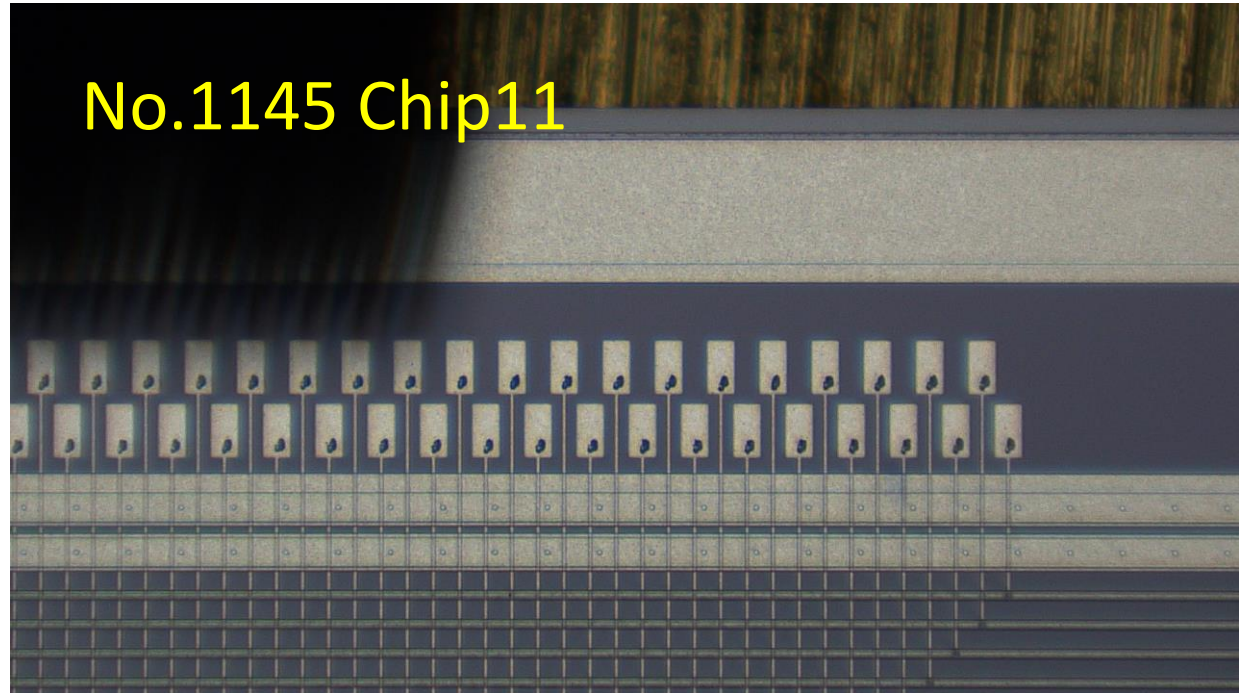
No.1140 Chip11



No.1143 Chip11



No.1145 Chip11

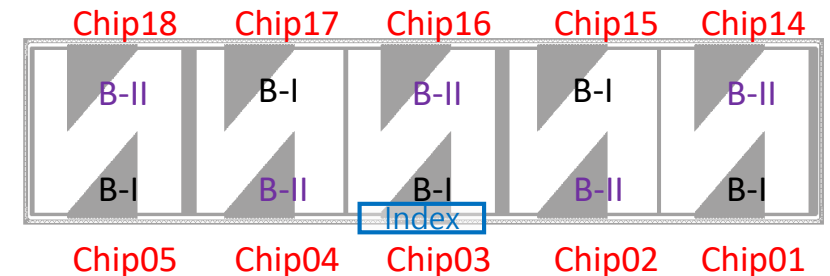
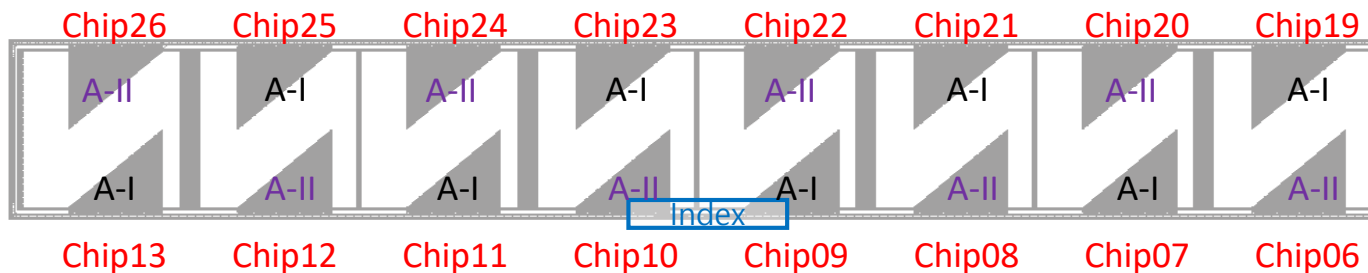


# Testing Status

- One type need to be measured completely with two probe cards.
- The type A-I had measured 15 sensors (1131-1145).
- 29 sets has 754 chips and 120 chips were done, so the progress is 16%
- Now, we have two people to run the testing. After process can be push stably, I expect 5 sensor of type A-I can be done (40 chips).

## Google table

Serial No.	TypeA-I	TypeA-II		Serial No.	TypeB-I	TypeB-II	
TypeA	Done?	Done?	comment	TypeB	Done?	Done?	comment
1131	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1131	<input type="checkbox"/>	<input type="checkbox"/>	
1132	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1132	<input type="checkbox"/>	<input type="checkbox"/>	
1133	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1133	<input type="checkbox"/>	<input type="checkbox"/>	
1134	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1134	<input type="checkbox"/>	<input type="checkbox"/>	
1135	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1135	<input type="checkbox"/>	<input type="checkbox"/>	
1136	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1136	<input type="checkbox"/>	<input type="checkbox"/>	
1137	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1137	<input type="checkbox"/>	<input type="checkbox"/>	
1138	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1138	<input type="checkbox"/>	<input type="checkbox"/>	
1139	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1139	<input type="checkbox"/>	<input type="checkbox"/>	
1140	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1140	<input type="checkbox"/>	<input type="checkbox"/>	
1141	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1141	<input type="checkbox"/>	<input type="checkbox"/>	
1142	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1142	<input type="checkbox"/>	<input type="checkbox"/>	
1143	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1143	<input type="checkbox"/>	<input type="checkbox"/>	
1144	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1144	<input type="checkbox"/>	<input type="checkbox"/>	
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1149	<input type="checkbox"/>	<input type="checkbox"/>		1149	<input type="checkbox"/>	<input type="checkbox"/>	
1150	<input type="checkbox"/>	<input type="checkbox"/>		1150	<input type="checkbox"/>	<input type="checkbox"/>	
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1159	<input type="checkbox"/>	<input type="checkbox"/>		1159	<input type="checkbox"/>	<input type="checkbox"/>	



# Schedule

Type A-I :  
15/29

	Sun	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
May	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						
June		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				

- Type A-I
- Type A-II
- Type B-I
- Type B-II