




A Member of Synergie Cad Group

SAMX.9®
(Probing Alignment Analyzer)

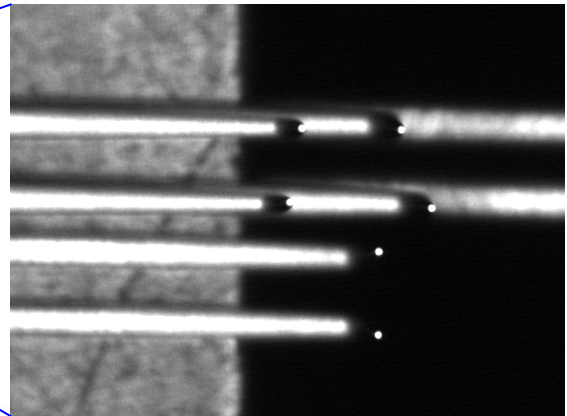
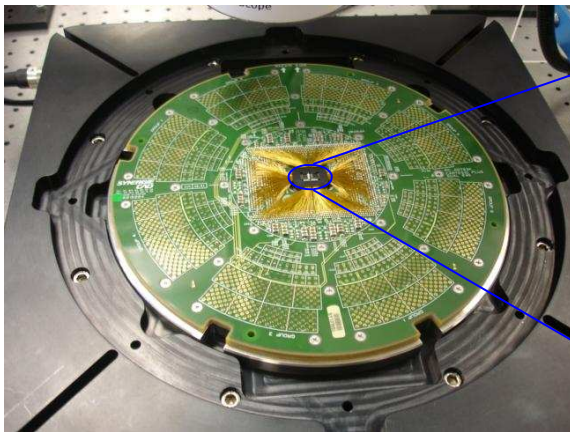


Your Partner for Probing Solution



Probe Eye 
Full SAMX9

A Test Solution For Probing Alignment

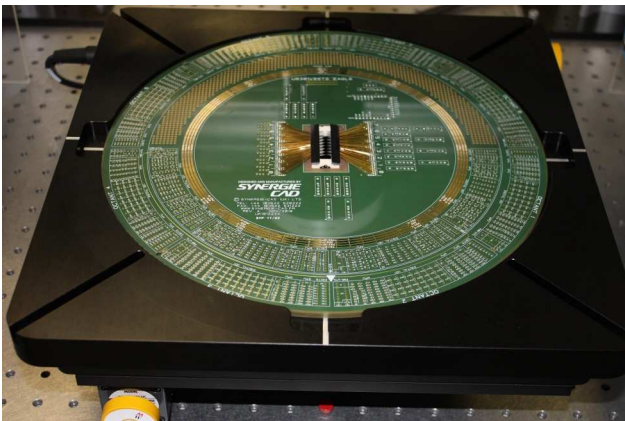


**The SAMX.9[®]
software**

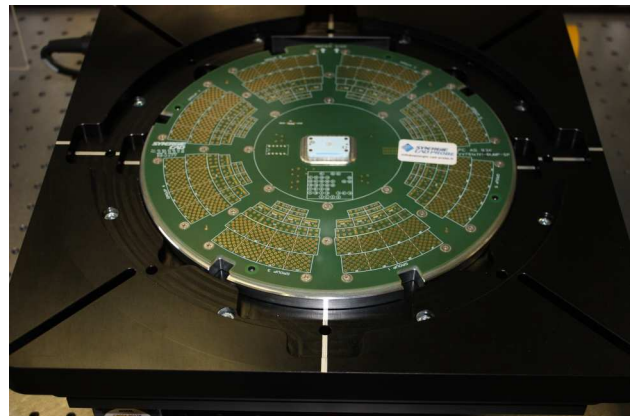
ID	X (µm)	Y (µm)	Ø (µm)	Error X (µm)	Error Y (µm)
1	2,236.46	13,926.40	?	?	?
2	2,236.46	13,769.96	?	?	?
3	2,236.46	13,633.66	?	?	?
4	2,236.46	13,537.72	?	?	?
5	2,236.46	13,402.42	?	?	?
6	2,236.46	13,267.12	?	?	?
7	2,236.46	13,131.82	?	?	?
8	2,236.46	12,996.56	?	?	?
9	2,236.46	12,860.56	?	?	?
10	2,236.46	12,715.26	?	?	?
11	2,236.46	12,579.96	?	?	?
12	2,236.46	12,434.02	?	?	?
13	2,236.46	12,348.72	?	?	?
14	2,236.46	12,213.42	?	?	?
15	2,236.46	12,118.30	?	?	?
16	2,236.46	11,963.53	?	?	?
17	2,236.46	11,828.53	?	?	?
18	2,236.46	11,674.27	?	?	?
19	2,236.46	11,519.91	?	?	?
20	2,236.46	11,384.91	?	?	?
21	2,236.46	11,230.24	?	?	?



The working plate is suitable for a wide Tester platform



12" Card



8" Card

All kind of Probing Solutions:

- Cantilever
- Canti Imager
- Mems
- Vertical
- Route 60
- Route 99
- Verti B
- Verti P



ProbeEye® Software Developed by Synergie Cad Probe

The screenshot displays the ProbeEye software interface. The main window shows a table with columns for ID, X (µ), Y (µ), Ø (µ), Erreur X (µ), and Erreur Y (µ). The table contains 24 rows of data. An inset image shows a probe tip scanning a surface. Overlaid on the main window is the 'Excel to PEW' dialog box, which has tabs for 'Header' and 'Pads'. The 'Pads' tab is active, showing settings for Pad X, Y, Angle, Site, Pad size (60 x 60), Overlay (30 x 30), and NB Probes (620). A 'GO' button is at the bottom of the dialog.

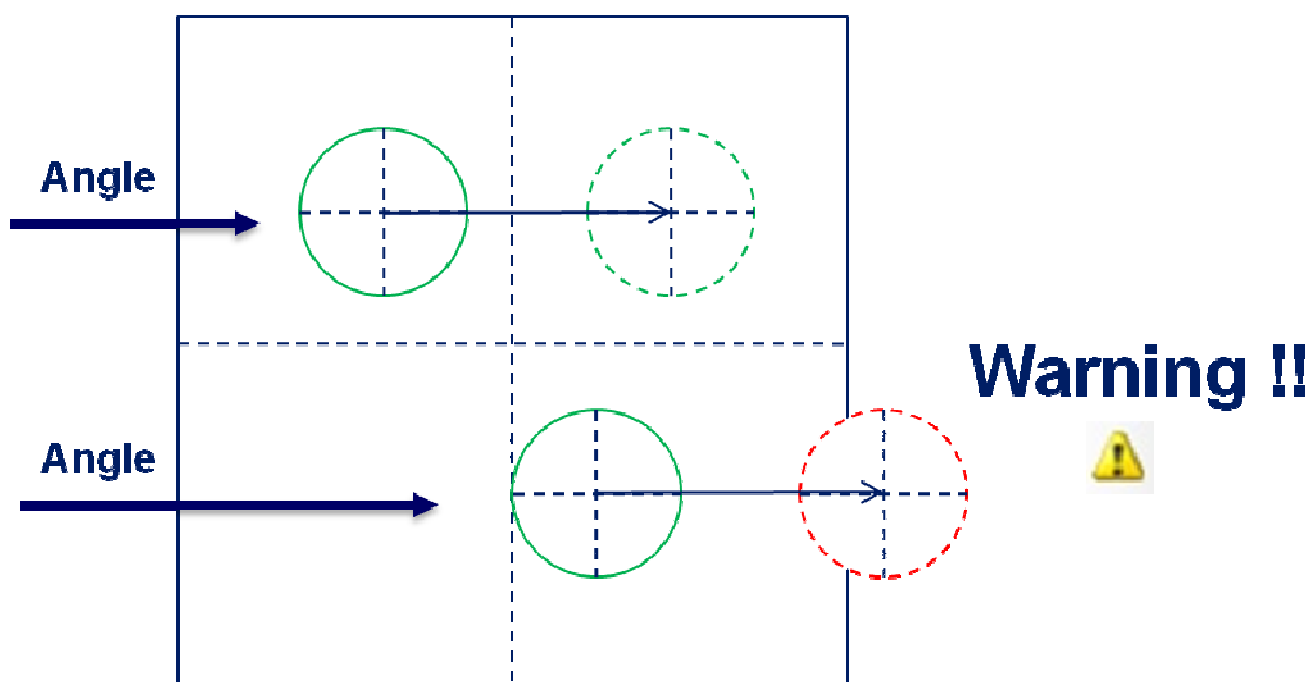
ID	X (µ)	Y (µ)	Ø (µ)	Erreur X (µ)	Erreur Y (µ)
1	-3 599.02	3 256.02	?	?	?
2	-3 599.02	3 121.02	?	?	?
3	-3 599.02	3 031.02	?	?	?
4	-3 599.02	2 977.02	?	?	?
5	-3 599.02	2 923.02	?	?	?
6	-3 599.02	2 851.02	?	?	?
7	-3 599.02	2 761.02	?	?	?
8	-3 599.02	2 671.02	?	?	?
9	-3 599.02	2 581.02	?	?	?
10	-3 599.02	2 493.18	?	?	?
11	-3 599.02	2 430.54	?	?	?
12	-3 599.02	2 301.48	?	?	?
13	-3 599.02	2 254.68	?	?	?
14	-3 399.66	2 188.44	?	?	?
15	-3 560.22	2 188.44	?	?	?
16	-3 560.22	2 102.58	?	?	?
17	-3 560.22	2 053.08	?	?	?
18	-3 399.66	1 994.76	?	?	?
19	-3 560.22	1 994.76	?	?	?
20	-3 399.66	1 873.08	?	?	?
21	-3 560.22	1 873.08	?	?	?
22	-3 399.66	1 772.82	?	?	?
23	-3 560.22	1 772.82	?	?	?
24	-3 399.66	1 699.74	?	?	?

PEW Assistant






























Scrub Simulation

ProbeEye® can simulate the scrub of each probe (*with the angle*) to warn a possible problem during the Test



		TEST REPORT							
		Ref. :	Probe Card Number :						
Customer :		Date : 09/05/2011 12:34:01							
Optimization : Every probes		Method : PadSize							
Pass 	348	Failed 	0	Not found 	0	Warning (8μ) 	0	Total	348

ID	Site	Pad Size (μ)	X (μ)	Y (μ)	X error (μ)	Y error (μ)	Ø (μ)	Status	!
1	1	60x70	2236,46	13926,40	-9,80	2,49	20,83		
2	1	60x70	2236,46	13768,96	-8,91	3,37	21,67		
3	1	60x70	2236,46	13633,66	-12,08	0,86	25,83		
4	1	60x70	2236,46	13537,72	-10,89	2,47	21,67		
5	1	60x70	2236,46	13402,42	-10,73	4,14	20,83		
6	1	60x70	2236,46	13267,12	-8,07	2,47	20,83		
7	1	60x70	2236,46	13131,82	-10,40	3,30	23,33		
8	1	60x70	2236,46	12985,86	-8,66	2,52	20,83		
9	1	60x70	2236,46	12850,56	-9,96	3,35	18,33		
10	1	60x70	2236,46	12715,26	-8,30	2,52	21,67		
11	1	60x70	2236,46	12579,96	-8,47	2,52	22,50		
12	1	60x70	2236,46	12484,02	-8,78	2,46	20,00		
13	1	60x70	2236,46	12348,72	-10,12	2,46	22,50		
14	1	60x70	2236,46	12213,42	-8,32	4,12	24,17		
15	1	60x70	2236,46	12118,30	-8,70	2,47	22,50		
16	1	60x70	2236,46	11963,53	-9,30	2,44	25,00		
17	1	60x70	2236,46	11828,53	-9,17	3,27	24,17		
18	1	60x70	2236,46	11674,27	-8,40	2,50	22,50		
19	1	60x70	2236,46	11519,91	-9,30	3,29	25,00		
20	1	60x70	2236,46	11384,91	-6,67	0,79	23,33		
21	1	60x70	2236,46	11230,24	-8,40	2,42	20,00		
22	1	60x70	2236,46	10935,86	-9,43	1,67	20,00		
23	1	60x70	2236,46	10800,56	-10,23	1,66	25,00		
24	1	60x70	2236,46	10665,26	-10,50	1,66	24,17		
25	1	60x70	2236,46	10529,96	-10,04	2,49	20,00		
26	1	60x70	2236,46	10411,06	-7,83	2,49	21,67		
27	1	60x70	2236,46	10276,58	-11,43	2,47	21,67		
28	1	60x70	2236,46	10087,98	-9,50	1,63	25,00		
29	1	60x70	2236,46	9793,60	-9,86	1,61	23,33		
30	1	60x70	-2236,46	9800,98	10,95	3,62	21,67		
31	1	60x70	-2236,46	9951,04	9,96	2,72	24,17		
32	1	60x70	-2236,46	10086,34	9,83	3,63	23,33		
33	1	60x70	-2236,46	10221,64	10,47	3,13	21,67		
34	1	60x70	-2236,46	10317,58	11,54	4,96	25,83		
35	1	60x70	-2236,46	10413,52	9,82	2,42	25,00		

Date 09/05/2011 12:34:01

Ref. : W725-1x6v1

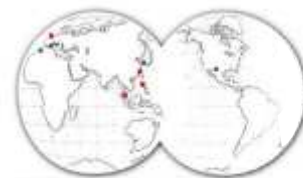
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Why choose SAMX.9® ?

- Test of probe alignment (X/Y)
- Test of probe diameter
- Precise and repetitive measures
- Speed of setup (≈ 1 minute)
- Short test time (1000 probes ≈ 3 minutes)
- Easy to handle
- Operator friendly (touch screen with Windows 7)
- Test of all probe cards technologies
- Tested and approved by Majors Semiconductor Fabs
- Competitive cost, one year to Return of Investment

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