



SYNERGIE CAD PROBE


A Member of Synergie Cad Group

SAMX.9[®] *(Probing Alignment Analyzer)*

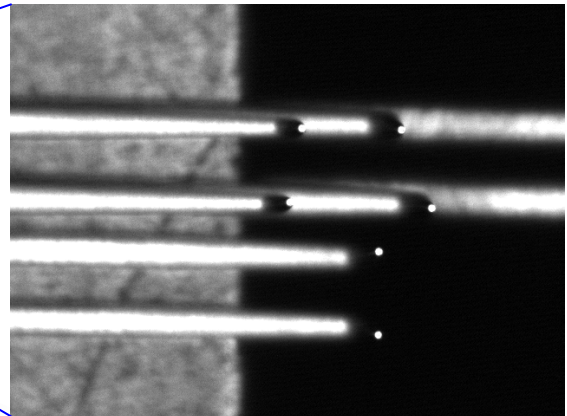
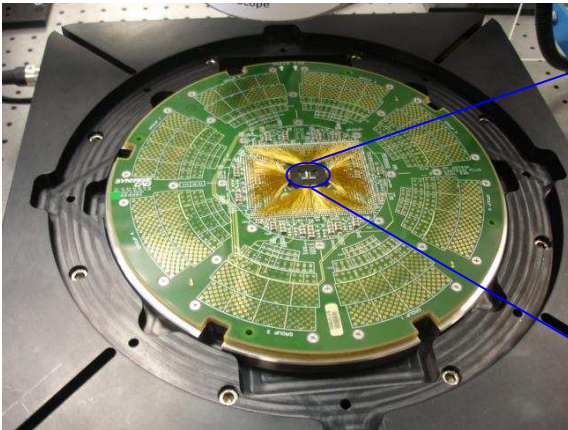


Your Partner for Probing Solution



Probe Eye 
Full SAMX9

A Test Solution For Probing Alignment

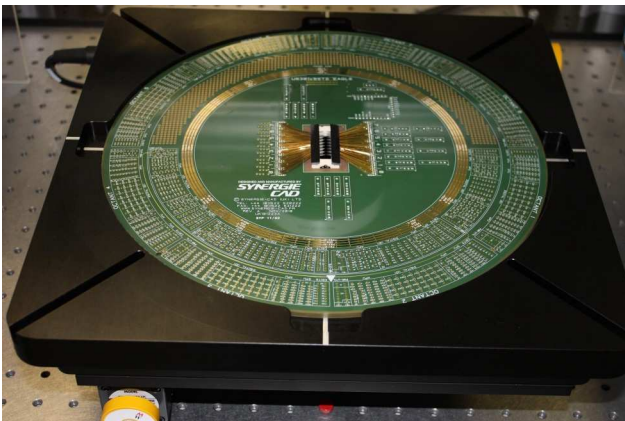


**The SAMX.9[®]
software**

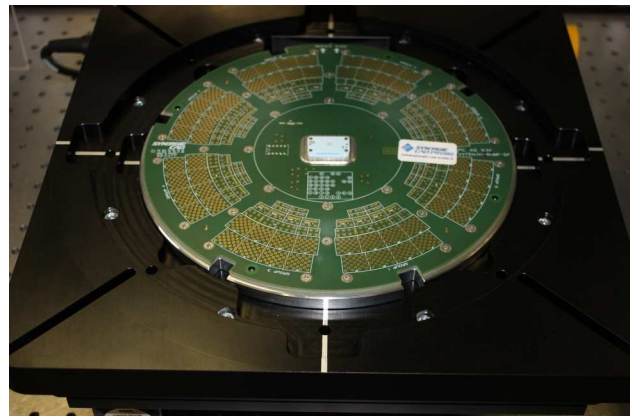
ID	X (µ)	Y (µ)	Ø (µ)	Emr X (µ)	Emr Y (µ)
1	2,236.46	13,926.40	?	?	?
2	2,236.46	13,769.96	?	?	?
3	2,236.46	13,633.46	?	?	?
4	2,236.46	13,537.72	?	?	?
5	2,236.46	13,402.42	?	?	?
6	2,236.46	13,267.12	?	?	?
7	2,236.46	13,131.82	?	?	?
8	2,236.46	12,996.56	?	?	?
9	2,236.46	12,860.56	?	?	?
10	2,236.46	12,715.26	?	?	?
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 image shows the ProbeEye software interface. The main window displays 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. A 'PEW Assistant' dialog box is overlaid on the main window, allowing users to configure probe parameters. The dialog box has tabs for 'Header' and 'Pads'. The 'Pads' tab is active, showing fields for X, Y, Angle, Site, Pad size, Overlay, and NB Probes. The 'GO' button is highlighted in green.

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

Files

Excel file [] [...]

PEW file [] [...]

Header Pads

Pad

X MICRON [A1]

Y MICRON [B1]

Angle MICRON [C1]

Site []

Pad size 60 x 60 Value

Overlay 30 x 30

NB Probes 620

GO

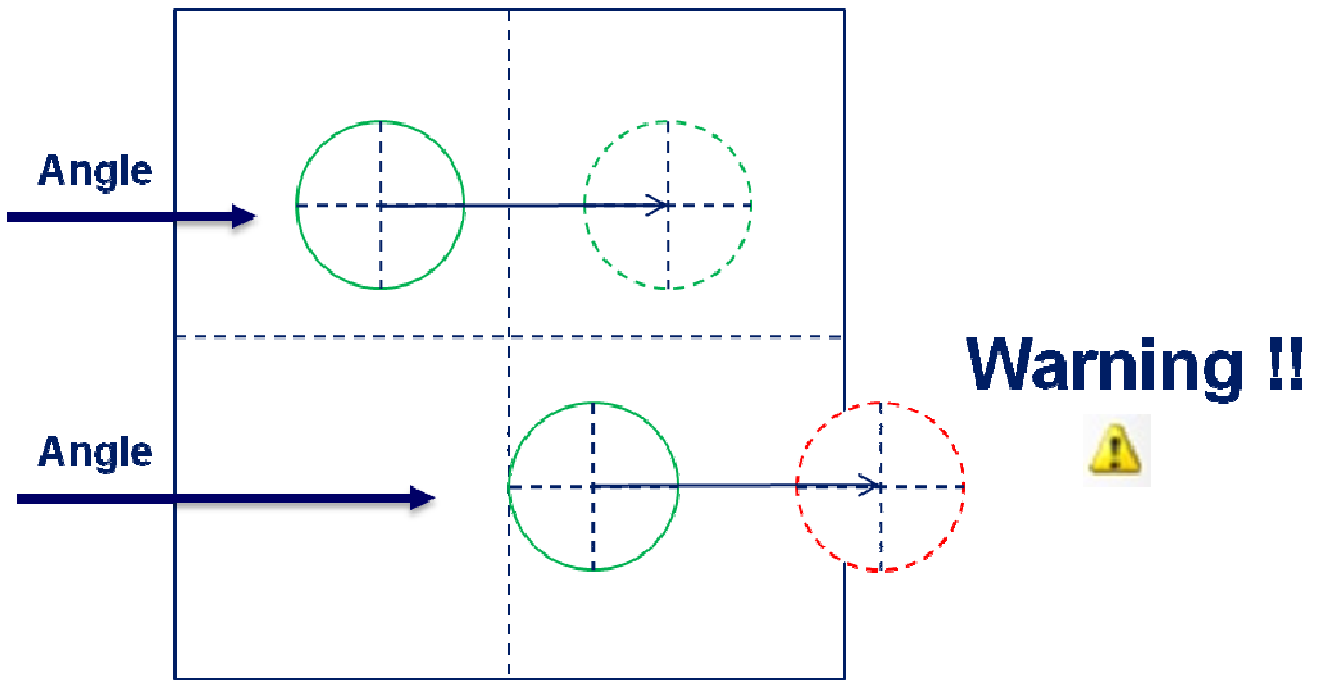
Ready

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 :						
Probe Eye		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		

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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