

Maximum Pair Count

SEARAY™ SEAM/SEAF

DP Array™ DPAM/DPAF

Array Size	Optimal Horizontal Pair Count	Optimal Vertical Pair Count	High Density Vertical Pair Count
50 x 6	75	75	100
50 x 10	125	125	150
50 x 8	100	100	125
50 x 5	63	50	75
50 x 4	50	50	50
40 x 10	100	100	120
40 x 8	80	80	100
40 x 6	60	60	80
40 x 5	50	40	60
40 x 4	40	40	40
30 x 10	75	75	90
30 x 8	60	60	75
30 x 6	45	45	60
30 x 5	38	30	45
30 x 4	30	30	30
20 x 10	50	50	60
20 x 8	40	40	50
20 x 6	30	30	40
20 x 5	25	20	30
20 x 4	20	20	20
15 x 10	35	38	45
10 x 4	10	10	10

■ = Signal Layer 10
(driven by Layer 1 SMAs)

■ = Signal Layer 8
(driven by Layer 1 SMAs)

■ = Ground

V = Victim Pairs

A = Aggressor Pairs

Array Size	Pair Count
8 x 8	48
15 x 8	104
23 x 8	168
8 x 3	18
15 x 3	39
23 x 3	63

■ = Layer 8
(driven by Layer 1 SMA)

■ = Layer 5
(driven by Layer 2 SMA)

■ = Layer 3
(driven by Layer 2 SMA)

■ = Ground Pin

Maximum Pair Count

SamArray® YFS/YFT			
Array Size	Optimal Horizontal Pair Count	Optimal Vertical Pair Count	High Density Vertical Pair Count
50 x 10	125	125	150
40 x 10	100	100	120
30 x 10	75	75	90
20 x 10	50	50	60
20 x 8	40	40	50
20 x 6	30	30	40
20 x 5	25	20	30
20 x 3	15	10	20

Edge of Card
Layers driven by SMAs on PCB Side 1

- = Layer 10
- = Layer 8

Layers driven by SMAs on PCB Side 2

- = Layer 5
- = Layer 3

HD Mezz™ HDAM/HDAF	
Array Size	Pair Count
11 x 13	44
15 x 13	60
23 x 13	92

■ = Layer 4 (driven by Layer 1 SMA)
■ = Layer 3 (driven by Layer 6 SMA)
■ = Ground Pin

GFZ			
Array Size	Opt Hor Pair Count	Opt Vert Pair Count	HD Vert Pair Count
30x30	225	225	300
40x10	100	100	120
30x10	75	75	90
20x10	50	50	60