

Maximum Pair Count

SEARAY™ SEAM/SEAF

| Array Size | Optimal Horizontal Pair Count | Optimal Vertical Pair Count | High Density Vertical Pair Count |
|------------|-------------------------------|-----------------------------|----------------------------------|
| 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 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 |
| 15 x 8 | 28 | 30 | 37 |
| 15 x 6 | 21 | 23 | 30 |
| 15 x 5 | 18 | 15 | 22 |
| 15 x 4 | 14 | 15 | 15 |
| 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

DP Array™ DPAM/DPAF

| 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 |