|  |  |  |  |
| --- | --- | --- | --- |
| INPUT | Rise Cap | Fall Cap | Average Cap |
| A | 1.55 | 1.50 | 1.525 |

Rise Time

|  |  |  |  |
| --- | --- | --- | --- |
|  | 10ps | 100ps | 1000ps |
| 0.5fF | 0.05 | 0.05 | 0.02 |
| 10fF | 0.2 | 0.3 | 0.25 |
| 1000fF | 1.13 | 1.3 | 0.98 |

Fall time

|  |  |  |  |
| --- | --- | --- | --- |
|  | 10ps | 100ps | 1000ps |
| 0.5fF | 0.02 | 0.02 | 0.13 |
| 10fF | 0.2 | 0.32 | 0.28 |
| 1000fF | 0.63 | 0.85 | 0.67 |

Propagation Rise time

|  |  |  |  |
| --- | --- | --- | --- |
|  | 10ps | 100ps | 1000ps |
| 0.5fF | 0.04 | 0.11 | 0.08 |
| 10fF | 0.51 | 0.13 | 0.21 |
| 1000fF | 0.72 | 0.76 | 0.80 |

Propagation Fall time

|  |  |  |  |
| --- | --- | --- | --- |
|  | 10ps | 100ps | 1000ps |
| 0.5fF | 0.04 | 0.05 | 0.08 |
| 10fF | 0.3 | 0.28 | 0.21 |
| 1000fF | 0.5 | 0.22 | 0.71 |

Dynamic Power Rise

|  |  |  |  |
| --- | --- | --- | --- |
|  | 10ps | 100ps | 1000ps |
| 0.5fF |  |  |  |
| 10fF |  |  |  |
| 1000fF |  |  |  |

Dynamic Power fall

|  |  |  |  |
| --- | --- | --- | --- |
|  | 10ps | 100ps | 1000ps |
| 0.5fF |  |  |  |
| 10fF |  |  |  |
| 1000fF |  |  |  |

Static Power

|  |  |
| --- | --- |
| Input(A) | Power(mW) |
| 0 | 0.00003 |
| 1 | 0.00003 |