:

- 17% 19%
- 18% 20%
-

2 6 9 2 7 3

- 3 4 3 6 ( )

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CMOS

17%~19% ”

“ FinFET 12nm

FinFET FinFET

”

+86 400-620-8038 ( SMIC)
+852 3018-6771 ( SMIC)
+886 2-5572-3895 ( SMIC)
+1 845-675-0437 ( SMIC)

http://www.smics.com/site/company_activity https://edge.media-server.com/m6/p/mawu377c

12 SMIC

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SMI 981

0.35 28

300mm 200mm

300mm 300mm 200mm

300mm 200mm

www.smics.com

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27A 21 E “ ”

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20-F

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| | | | | | |
|---|---|---|---|---|---|
| | 668,899 | 787,565 | -15.1% | 831,044 | -19.5% |
| | (546,829) | (653,440) | -16.3% | (610,868) | -10.5% |
| | 122,070 | 134,125 | -9.0% | 220,176 | -44.6% |
| | (97,625) | (175,055) | -44.2% | (177,914) | -45.1% |
| ( ) | 24,445 | (40,930) | - | 42,262 | -42.2% |
| | 6,055 | 43,473 | | | |

- 6 6 8 90 7 8 7 60

| | | | |
|---|---|---|---|
| | | | |
| | 5.1% | 6.4% | 6.8% |
| | 43.0% | 44.7% | 33.6% |
| | 32.5% | 32.1% | 35.6% |
| | 9.8% | 8.0% | 8.5% |
| (4) | 9.6% | 8.8% | 15.5% |
| | | | |
| | 94.2% | 93.2% | 83.5% |
| (4) | 5.8% | 6.8% | 16.5% |
| | | | |
| (1) | 32.3% | 31.7% | 28.6% |
| (2) | 53.9% | 57.5% | 62.4% |
| (3) | 13.8% | 10.8% | 9.0% |
| | | | |
| | | | |
| 28 | 3.0% | 5.4% | 3.2% |
| 40/45 | 15.3% | 20.3% | 21.7% |

*

| | | |
|---|---|---|
| 200mm | 112,000 | 109,000 |
| 300mm | 22,500 | 22,500 |
| 300mm | 105,750 | 94,500 |
| 200mm | 58,000 | 60,000 |
| 200mm | 45,000 | 42,000 |
| 300mm | 6,750 | 6,750 |
| 300mm | 74,250 | 74,250 |
| 200mm | 42,325 | 42,325 |
| | 466,575 | 451,325 |

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- 45 1 3 25 8 46
  6 5 75 8 300mm

| 8 | | | | | |
|---|---|---|---|---|---|
| (1) | 1,089,502<br>89.2% | 1,217,690<br>89.9% | -10.5%<br>- | 1,083,630<br>88.3% | 0.5%<br>- |

(1)

| | | | | | |
|---|---|---|---|---|---|
| | 546,829 | 653,440 | -16.3% | 610,868 | -10.5% |
| | 161,750 | 216,588 | -25.3% | 195,171 | -17.1% |
| | 384,705 | 436,152 | -11.8% | 414,874 | -7.3% |
| | 374 | 700 | -46.6% | 823 | -54.6% |
| | 122,070 | 134,125 | -9.0% | 220,176 | -44.6% |
| | 18.2% | 17.0% | - | 26.5% | - |

- 1 6 1 80 2 1
  6 60
- 3 8 4 70 4
  3 6 20
- 1 2 2 10 1 3 4 10
- 18.2% 17.0%

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| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | 97,625 | 175,055 | -44.2% | 177,914 | -45.1% |
| | 77,175 | 134,970 | -42.8% | 122,995 | -37.3% |
| | 43,148 | 50,003 | -13.7% | 51,022 | -15.4% |
| | 6,811 | 7,701 | -11.6% | 8,513 | -20.0% |
| ( ) | 1,078 | (90) | - | 484 | 122.7% |
| | (30,587) | (17,529) | 74.5% | (5,100) | 499.7% |

| | | | | | |
|---|---|---|---|---|---|
| | 277,773 | 253,290 | 9.7% | 268,516 | 3.4% |

- 16 —
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| | | |
|---|---|---|
| | 1,370,041 | 1,786,420 |
| | 685,598 | 592,290 |
| | 10,362 | 2,583 |
| | 46,951 | 41,685 |
| | 2,510,503 | 1,996,808 |
| | 739,882 | 837,828 |
| | 56,614 | 28,161 |
| | 661,633 | 593,009 |
| | 267,264 | 270,807 |
| | 6,348,848 | 6,149,591 |
| | 5,653 | 2,607 |
| | 18,285 | 15,806 |
| | 118,307 | 164,604 |
| | 239,909 | 244,708 |
| | 499,027 | 498,551 |
| | 222,640 | 218,247 |
| | 416,311 | 530,005 |
| | 56,367 | 44,130 |
| | 1,126,129 | 964,860 |
| | 110,573 | 32,263 |
| | 143,903 | 143,447 |
| | 2,957,104 | 2,859,228 |
| (1) | 0.5x | 0.6x |
| (2) | 1.9x | 1.9x |
| (3) | 2.1x | 2.2x |

*(1)*
*(2)* *( )*
*(3)*

| | | |
|---|---|---|
| | 1,370,041 | 1,786,420 |
| | 46,951 | 41,685 |
| - (1) | | |
| (2) | 2,510,503 | 1,996,808 |
| | 416,311 | 530,005 |
| | 1,907,211 | 1,760,763 |
| | 444,454 | 218,247 |
| | 422,479 | 418,592 |
| | 499,027 | 498,551 |
| | 3,689,482 | 3,426,158 |
| **(3)** | (238,013) | (398,755) |
| | 8,947,675 | 8,923,580 |
| (4) | 41.2% | 38.4% |
| (5) | -2.7% | -4.5% |

*(1)*
*(2)*
*(3)* -

*(4)*
*(5)*

| | | |
|---|---|---|
| | 166,103 | 377,486 |
| | (816,708) | (499,552) |
| | 216,590 | 1,100,194 |
| | 18,645 | 227 |
| | (1,009) | (14,554) |
| | (416,379) | 963,801 |

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  300mm FinFET
  1 5 80

- 2019-4-29
- 2019-4-29
- 2019-4-29
- – 2019-4-29
- 2018 2019-4-29
- 2019-4-10
- - 2019-3-31
- 2019-3-29
- -
  2019-3-19
- 2019-3-11
- 2019-2-14
- 2019-1-23
- 2019-1-11
- 2019-1-11

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*http://www.smics.com/tc/site/news* *http://www.smics.com/tc/site/comapny_statutoryDocuments*

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| | ( ) | ( ) |
|---|---|---|
| | 668,899 | 787,565 |
| | (546,829) | (653,440) |
| | 122,070 | 134,125 |
| | (77,175) | (134,970) |
| | (43,148) | (50,003) |
| | (6,811) | (7,701) |
| ( ) | (1,078) | 90 |
| | 30,587 | 17,529 |
| | (97,625) | (175,055) |
| | 24,445 | (40,930) |
| | 6,055 | 43,473 |
| | 30,500 | 2,543 |
| ( ) | (6,123) | 8,332 |
| | **24,377** | **10,875** |
| ( ) | | |
| | 10,378 | (7,601) |
| | (12,572) | 461 |
| | (757) | (758) |
| **( )** | **21,426** | **2,977** |
| ( ) | | |
| | 12,272 | 26,520 |
| | 12,105 | (15,645) |
| | **24,377** | **10,875** |
| ( ) | | |
| | 9,195 | 18,609 |
| | 12,231 | (15,632) |
| | **21,426** | **2,977** |
| | $0.00* | $0.00* |
| | $0.00* | $0.00* |
| | $0.01 | $0.02 |
| | $0.01 | $0.02 |
| | 5,040,946,334 | 5,038,852,986 |
| | 5,059,764,787 | 5,058,243,650 |
| (1) | (201,600) | (242,912) |
| (2) | 323,092 | 264,153 |
| (2) | 48.3% | 33.5% |

* $0.0019( ) $0.0019( ) $0.0045( ) $0.0045( )

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( ) ( )

( )

(2)

| ( ) | ( ) | ( ) |
|---|---|---|
| 24,377 | 10,875 | 27,080 |
| 14,819 | 8,320 | 13,525 |
| 277,773 | 253,290 | 268,516 |
| 6,123 | (8,332) | 15,958 |
| 323,092 | 264,153 | 325,079 |
| 3.6% | 1.4% | 3.3% |
| 48.3% | 33.5% | 39.1% |

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| | ( ) | ( ) |
|---|---|---|
| (1) | 7,260,531 | 6,777,970 |
| | 129,970 | 105,436 |
| | 115,285 | 122,854 |
| | 1,114,668 | 1,135,442 |
| | 15,914 | 15,687 |
| | 46,102 | 45,426 |
| | 56,514 | 55,472 |
| | 5,708 | 5,266 |

( )

| | | ( ) | ( ) |
|---|---|---|---|
| 0.004 | 10,000,000,000 | 20,187 | 20,159 |
| | 5,046,671,661 | | |
| 5,039,819,199 | | | |
| | | 5,000,280 | 4,993,163 |

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| | ( ) | ( ) |
|---|---|---|
| : | | |
| | 24,377 | 10,875 |
| | 277,773 | 253,290 |
| ( ) | 26,160 | (21,381) |
| | (162,207) | 134,702 |
| | **166,103** | **377,486** |

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