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// Generated for: spectre
// Generated on: May 11 22:19:54 2022
// Design library name: ece425mp3oa
// Design cell name: am2901
// Design view name: extracted
simulator lang=spectre
global 0

// Library name: ece425mp3oa
// Cell name: am2901
// View name: extracted
// View type: maskLayout
.lib '/class/ece482/models18' MOS
\+2185 (637 629 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2184 (636 628 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2183 (635 627 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2182 (634 626 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2181 (2 619 637 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2180 (2 618 636 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2179 (2 617 635 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2178 (2 616 634 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2174 (633 527 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2173 (632 526 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2172 (631 525 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2171 (630 524 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2170 (629 612 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2169 (628 611 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2168 (627 610 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2167 (626 609 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2165 (2 991 629 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2164 (2 991 628 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2163 (2 991 627 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2162 (2 991 626 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
    ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2160 (623 534 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2159 (622 533 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2158 (621 532 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2157 (624 535 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
    ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2156 (619 574 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
    ps=7.2e-07 pd=1.92e-06 m=1 region=sat
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\+2155 (618 573 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2154 (617 572 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2153 (616 571 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2150 (2 987 617 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2149 (2 987 616 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2148 (2 987 619 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2147 (2 987 618 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2146 (2 527 604 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2145 (2 526 603 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2144 (2 525 602 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2143 (2 524 606 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2141 (612 596 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2140 (611 595 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2139 (610 594 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2138 (609 593 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2135 (604 600 605 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2134 (603 599 604 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2133 (602 598 603 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2132 (606 597 602 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2131 (2 589 612 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2130 (2 588 611 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2129 (2 587 610 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2128 (2 586 609 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2126 (596 552 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2125 (595 551 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2124 (594 550 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2123 (593 549 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2122 (600 531 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2121 (599 530 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2120 (598 529 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2119 (597 528 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+2116 (2 971 595 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
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ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2115 (2 971 594 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2114 (2 971 593 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2113 (2 971 596 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2110 (578 567 657 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2109 (577 566 656 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2108 (576 565 655 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2107 (575 564 654 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2102 (589 633 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2101 (588 632 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2100 (587 631 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2099 (586 630 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2098 (657 605 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+2097 (656 604 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+2096 (655 603 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+2095 (654 602 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+2093 (2 969 589 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2092 (2 969 588 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2091 (2 969 587 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2090 (2 969 586 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2088 (2 531 657 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2087 (2 530 656 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2086 (2 529 655 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2085 (2 528 654 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+2082 (567 605 1328 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+2081 (566 604 1327 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+2080 (565 603 1326 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+2079 (564 602 1325 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+2078 (574 563 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2077 (573 562 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2076 (572 561 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+2075 (571 560 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
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\+2074 (1325 528 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
      ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2073 (1328 531 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
      ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2072 (1327 530 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
      ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2071 (1326 529 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
      ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2070 (2 548 574 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2069 (2 547 573 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2068 (2 546 572 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2067 (2 545 571 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2062 (550 542 651 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2061 (549 541 650 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2060 (552 544 653 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2059 (551 543 652 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2058 (563 624 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
      ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2057 (562 623 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
      ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2056 (561 622 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
      ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2055 (560 621 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
      ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2051 (651 970 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2050 (650 970 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2049 (653 970 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2048 (652 970 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
      ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2047 (2 971 563 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2046 (2 971 562 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2045 (2 971 561 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2044 (2 971 560 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2043 (2 531 653 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2042 (2 530 652 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2041 (2 529 651 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2040 (2 528 650 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
      ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2039 (547 577 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
      ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2038 (546 576 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
      ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2037 (545 575 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
      ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2036 (548 578 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
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ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2035 (544 970 1322 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2034 (543 970 1321 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2033 (542 970 1320 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2032 (541 970 1319 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2031 (2 969 548 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2030 (2 969 547 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2029 (2 969 546 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2028 (2 969 545 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2027 (1322 531 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2026 (1321 530 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2025 (1320 529 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2024 (1319 528 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2023 (531 522 649 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2022 (530 521 648 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2021 (529 520 647 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2020 (528 519 646 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+2018 (533 504 1316 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2017 (532 502 1315 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2016 (535 508 1318 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2015 (534 506 1317 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \  
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat  
\+2014 (649 508 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2013 (648 506 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2012 (647 504 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2011 (646 502 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \  
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat  
\+2009 (1318 507 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2008 (1317 505 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2007 (1316 503 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2006 (1315 501 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \  
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat  
\+2005 (2 507 649 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2004 (2 505 648 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+2003 (2 503 647 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat

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\+2002 (2 501 646 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1998 (527 508 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1997 (526 506 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1996 (525 504 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1995 (524 502 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1994 (522 508 1314 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1993 (521 506 1313 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1992 (520 504 1312 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1991 (519 502 1311 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1990 (1314 507 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1989 (1313 505 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1988 (1312 503 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1987 (1311 501 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1986 (2 501 524 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1985 (2 507 527 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1984 (2 505 526 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1983 (2 503 525 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1981 (508 498 645 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1980 (507 497 644 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1979 (506 496 643 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1978 (505 495 642 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1977 (504 494 641 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1976 (503 493 640 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1975 (502 492 639 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1974 (501 491 638 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=4.32e-13 ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1972 (645 960 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1971 (644 959 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1970 (643 960 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1969 (642 959 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1968 (641 960 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1967 (640 959 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1966 (639 960 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
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ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1965 (638 959 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 \
ad=2.592e-13 ps=7.2e-07 pd=7.2e-07 m=1 region=sat
\+1963 (2 487 643 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1962 (2 384 642 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1961 (2 486 641 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1960 (2 383 640 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1959 (2 485 639 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1958 (2 382 638 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1957 (2 488 645 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1956 (2 385 644 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1953 (495 959 1305 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1952 (494 960 1304 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1951 (493 959 1303 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1950 (492 960 1302 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1949 (491 959 1301 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1948 (498 960 1308 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1947 (497 959 1307 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1946 (496 960 1306 2) PMOS w=7.2e-07 l=2.4e-07 as=1.728e-13 \
ad=4.32e-13 ps=4.8e-07 pd=1.92e-06 m=1 region=sat
\+1945 (1302 485 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1944 (1301 382 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1943 (1308 488 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1942 (1307 385 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1941 (1306 487 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1940 (1305 384 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1939 (1304 486 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1938 (1303 383 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=1.728e-13 ps=1.92e-06 pd=4.8e-07 m=1 region=sat
\+1933 (488 482 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1932 (487 481 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1931 (486 480 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1930 (485 479 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1927 (2 475 488 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1926 (2 474 487 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
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\+1925 (2 473 486 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1924 (2 472 485 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1920 (479 466 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1919 (482 469 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1918 (481 468 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1917 (480 467 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1914 (2 948 482 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1913 (2 948 481 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1912 (2 948 480 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1911 (2 948 479 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1908 (473 448 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1907 (472 447 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1906 (475 450 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1905 (474 449 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1903 (2 945 475 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1902 (2 945 474 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1901 (2 945 473 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1900 (2 945 472 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1895 (469 462 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1894 (468 461 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1893 (467 460 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1892 (466 459 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1890 (2 455 469 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1889 (2 454 468 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1888 (2 453 467 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1887 (2 452 466 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1884 (462 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1883 (461 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1882 (460 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1881 (459 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1880 (2 925 462 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1879 (2 925 461 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
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ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1878 (2 925 460 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1877 (2 925 459 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1871 (455 298 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1870 (454 296 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1869 (453 294 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1868 (452 292 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1866 (2 920 455 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1865 (2 920 454 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1864 (2 920 453 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1863 (2 920 452 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1861 (450 442 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1860 (449 441 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1859 (448 440 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1858 (447 439 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1856 (2 437 450 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1855 (2 436 449 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1854 (2 435 448 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1853 (2 434 447 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1848 (442 297 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1847 (441 295 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1846 (440 293 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1845 (439 291 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1844 (2 925 442 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1843 (2 925 441 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1842 (2 925 440 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1841 (2 925 439 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1837 (437 430 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1836 (436 429 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1835 (435 428 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1834 (434 427 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1831 (2 920 435 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat

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\+1830 (2 920 434 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1829 (2 920 437 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1828 (2 920 436 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1825 (430 425 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1824 (429 424 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1823 (428 423 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1822 (427 422 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1820 (2 428 423 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1819 (2 427 422 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1818 (2 430 425 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1817 (2 429 424 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1815 (425 418 413 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1814 (424 417 412 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1813 (423 416 411 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1812 (422 415 410 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1807 (418 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1806 (417 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1805 (416 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1804 (415 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1799 (410 405 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1798 (413 408 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1797 (412 407 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1796 (411 406 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1794 (408 401 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1793 (407 400 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1792 (406 399 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1791 (405 398 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1789 (2 408 401 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1788 (2 407 400 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1787 (2 406 399 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1786 (2 405 398 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1780 (401 395 390 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
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ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1779 (400 394 389 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1778 (399 393 388 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1777 (398 392 387 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1771 (395 380 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1770 (394 379 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1769 (393 378 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1768 (392 377 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1765 (388 351 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1764 (387 349 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1762 (390 355 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1761 (389 353 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1759 (385 376 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1758 (384 375 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1757 (383 374 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1756 (382 373 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1754 (2 362 383 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1753 (2 361 382 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1752 (2 364 385 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1751 (2 363 384 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1748 (380 371 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1747 (379 370 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1746 (378 369 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1745 (377 368 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1741 (376 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1740 (375 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1739 (374 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1738 (373 3 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1735 (371 891 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1734 (370 891 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1733 (369 891 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1732 (368 891 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
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\+1731 (2 890 375 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1730 (2 890 374 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1729 (2 890 373 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1728 (2 890 376 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1726 (2 360 371 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1725 (2 359 370 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1724 (2 358 369 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1723 (2 357 368 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1720 (363 352 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1719 (362 350 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1718 (361 348 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1717 (364 354 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1716 (360 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1715 (359 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1714 (358 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1713 (357 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1711 (2 885 361 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1710 (2 885 364 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1709 (2 885 363 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1708 (2 885 362 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1706 (355 345 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1705 (354 344 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1704 (353 343 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1703 (352 342 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1702 (351 341 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1701 (350 340 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1700 (349 339 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1699 (348 338 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1696 (2 334 355 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1695 (2 333 354 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1694 (2 332 353 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1693 (2 331 352 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
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ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1692 (2 330 351 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1691 (2 329 350 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1690 (2 328 349 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1689 (2 327 348 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1687 (344 297 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1686 (343 428 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1685 (342 295 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1684 (341 427 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1683 (340 293 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1682 (339 877 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1681 (338 291 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1680 (345 429 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1677 (2 875 343 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1676 (2 874 342 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1675 (2 875 341 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1674 (2 874 340 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1673 (2 875 339 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1672 (2 874 338 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1671 (2 875 345 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1670 (2 874 344 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1668 (330 320 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1667 (329 871 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1666 (328 318 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1665 (327 870 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1664 (334 324 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1663 (333 873 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1662 (332 322 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1661 (331 872 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1658 (2 866 329 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1657 (2 867 328 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1656 (2 866 327 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
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\+1655 (2 867 334 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1654 (2 866 333 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1653 (2 867 332 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1652 (2 866 331 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1651 (2 867 330 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1649 (317 308 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1648 (324 315 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1647 (323 314 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1646 (322 313 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1645 (321 312 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1644 (320 311 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1643 (319 310 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1642 (318 309 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1641 (2 306 324 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1640 (2 305 323 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1639 (2 304 322 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1638 (2 303 321 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1637 (2 302 320 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1636 (2 301 319 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1635 (2 300 318 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1634 (2 299 317 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1631 (315 862 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1630 (314 297 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1629 (313 430 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1628 (312 295 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1627 (311 429 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1626 (310 293 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1625 (309 428 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1624 (308 291 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1623 (2 860 312 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1622 (2 861 311 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1621 (2 860 310 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
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ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1620 (2 861 309 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1619 (2 860 308 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1618 (2 861 315 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1617 (2 860 314 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1616 (2 861 313 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1613 (302 635 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1612 (301 635 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1611 (300 634 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1610 (299 634 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1609 (306 637 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1608 (305 637 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1607 (304 636 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1606 (303 636 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1605 (2 856 299 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1604 (2 857 306 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1603 (2 856 305 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1602 (2 857 304 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1601 (2 856 303 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1600 (2 857 302 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1599 (2 856 301 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1598 (2 857 300 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1595 (298 288 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1594 (297 287 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1593 (296 286 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1592 (295 285 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1591 (294 284 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1590 (293 283 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1589 (292 282 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1588 (291 281 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1587 (2 298 288 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1586 (2 297 287 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
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\+1585 (2 296 286 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1584 (2 295 285 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1583 (2 294 284 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1582 (2 293 283 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1581 (2 292 282 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1580 (2 291 281 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1577 (287 278 269 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1576 (286 277 268 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1575 (285 276 267 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1574 (284 275 266 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1573 (283 274 265 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1572 (282 273 264 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1571 (281 272 263 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1570 (288 279 270 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 \
ad=4.32e-13 ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1567 (277 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1566 (276 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1565 (275 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1564 (274 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1563 (273 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1562 (272 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1561 (279 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1560 (278 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1559 (265 70 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1558 (264 54 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1557 (263 69 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1556 (270 57 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1555 (269 72 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1554 (268 56 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1553 (267 71 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1552 (266 55 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1550 (261 257 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1549 (260 256 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
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ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1548 (259 255 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1547 (258 254 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1546 (2 258 254 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1545 (2 261 257 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1544 (2 260 256 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1543 (2 259 255 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1542 (257 847 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1541 (256 847 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1540 (255 847 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1539 (254 847 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1538 (257 846 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1537 (256 846 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1536 (255 846 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1535 (254 846 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1533 (252 246 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1532 (251 245 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1531 (250 244 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1530 (253 247 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1527 (2 253 247 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1526 (2 252 246 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1525 (2 251 245 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1524 (2 250 244 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1523 (245 840 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1522 (244 840 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1521 (247 840 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1520 (246 840 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1518 (247 838 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1517 (246 838 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1516 (245 838 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1515 (244 838 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1510 (240 233 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
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\+1509 (239 232 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1508 (238 231 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1507 (237 230 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1505 (2 240 233 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1504 (2 239 232 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1503 (2 238 231 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1502 (2 237 230 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1499 (233 829 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1498 (232 829 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1497 (231 829 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1496 (230 829 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1493 (233 825 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1492 (232 825 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1491 (231 825 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1490 (230 825 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1486 (227 220 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1485 (226 219 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1484 (225 218 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1483 (224 217 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1480 (2 224 217 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1479 (2 227 220 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1478 (2 226 219 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1477 (2 225 218 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1476 (220 817 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1475 (219 817 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1474 (218 817 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1473 (217 817 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1469 (217 812 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1467 (220 812 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1466 (219 812 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1465 (218 812 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1462 (215 208 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
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ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1461 (214 207 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1460 (213 206 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1459 (212 205 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1456 (2 214 207 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1455 (2 213 206 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1454 (2 212 205 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1453 (2 215 208 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1451 (208 805 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1450 (207 805 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1449 (206 805 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1448 (205 805 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1446 (206 802 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1445 (205 802 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1443 (208 802 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1442 (207 802 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1438 (201 195 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1437 (200 194 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1436 (199 193 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1435 (198 192 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1433 (2 201 195 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1432 (2 200 194 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1431 (2 199 193 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1430 (2 198 192 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1427 (195 792 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1426 (194 792 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1425 (193 792 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1424 (192 792 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1421 (195 791 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1420 (194 791 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1419 (193 791 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1418 (192 791 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
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\+1414 (186 179 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1413 (189 182 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1412 (188 181 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1411 (187 180 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1408 (2 189 182 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1407 (2 188 181 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1406 (2 187 180 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1405 (2 186 179 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1403 (179 781 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1402 (182 781 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1401 (181 781 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1400 (180 781 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1397 (182 779 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1396 (181 779 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1395 (180 779 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1394 (179 779 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1388 (176 170 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1387 (175 169 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1386 (174 168 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1385 (173 167 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1384 (2 176 170 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1383 (2 175 169 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1382 (2 174 168 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1381 (2 173 167 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1380 (168 771 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1379 (167 771 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1378 (170 771 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1377 (169 771 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1372 (170 769 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1371 (169 769 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1370 (168 769 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1369 (167 769 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  

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ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1367 (164 157 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1366 (163 156 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1365 (162 155 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1364 (161 154 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1359 (2 161 154 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1358 (2 164 157 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1357 (2 163 156 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1356 (2 162 155 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1355 (157 759 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1354 (156 759 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1353 (155 759 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1352 (154 759 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1351 (157 758 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1350 (156 758 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1349 (155 758 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1348 (154 758 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1344 (152 146 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1343 (151 145 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1342 (150 144 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1341 (149 143 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1340 (2 152 146 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1339 (2 151 145 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1338 (2 150 144 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1337 (2 149 143 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1336 (144 751 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1335 (143 751 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1334 (146 751 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1333 (145 751 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1330 (146 749 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1329 (145 749 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1328 (144 749 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
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\+1327 (143 749 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1322 (139 133 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1321 (138 132 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1320 (137 131 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1319 (136 130 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1318 (2 139 133 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1317 (2 138 132 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1316 (2 137 131 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1315 (2 136 130 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1313 (132 741 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1312 (131 741 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1311 (130 741 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1310 (133 741 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1304 (130 735 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1303 (133 735 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1302 (132 735 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1301 (131 735 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1299 (128 121 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1298 (127 120 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1297 (126 119 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1296 (125 118 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \  
ps=7.2e-07 pd=1.92e-06 m=1 region=sat  
\+1292 (2 126 119 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1291 (2 125 118 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1290 (2 128 121 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1289 (2 127 120 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \  
ps=1.92e-06 pd=7.2e-07 m=1 region=sat  
\+1287 (121 728 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1286 (120 728 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1285 (119 728 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1284 (118 728 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1281 (119 724 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1280 (118 724 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  
ps=1.92e-06 pd=1.92e-06 m=1 region=sat  
\+1279 (121 724 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \  

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ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1278 (120 724 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1274 (115 108 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1273 (114 107 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1272 (113 106 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1271 (112 105 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1269 (2 114 107 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1268 (2 113 106 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1267 (2 112 105 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1266 (2 115 108 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1264 (108 718 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1263 (107 718 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1262 (106 718 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1261 (105 718 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1258 (107 714 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1257 (106 714 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1256 (105 714 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1255 (108 714 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1250 (102 95 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1249 (101 94 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1248 (100 93 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1247 (99 92 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1245 (2 102 95 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1244 (2 101 94 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1243 (2 100 93 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1242 (2 99 92 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1241 (95 706 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1240 (94 706 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1239 (93 706 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1238 (92 706 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1234 (95 702 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1233 (94 702 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
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\+1232 (93 702 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1231 (92 702 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1227 (86 79 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1226 (89 82 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1225 (88 81 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1224 (87 80 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1221 (2 89 82 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1220 (2 88 81 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1219 (2 87 80 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1218 (2 86 79 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1215 (80 693 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1214 (79 693 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1213 (82 693 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1212 (81 693 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1210 (82 692 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1209 (81 692 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1208 (80 692 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1207 (79 692 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1204 (76 65 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1203 (75 64 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1202 (78 67 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1201 (77 66 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1199 (2 78 67 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1198 (2 77 66 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1197 (2 76 65 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1196 (2 75 64 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1195 (67 686 72 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1194 (66 686 71 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1193 (65 686 70 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1192 (64 686 69 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1187 (67 683 57 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1186 (66 683 56 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
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ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1185 (65 683 55 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1184 (64 683 54 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1183 (60 49 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1181 (63 52 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1180 (62 51 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1179 (61 50 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1177 (57 52 47 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1176 (56 51 46 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1175 (55 50 45 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1174 (54 49 44 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1173 (52 43 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1172 (51 42 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1171 (50 41 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1170 (49 40 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1167 (2 676 52 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1166 (2 676 51 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1165 (2 676 50 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1164 (2 676 49 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1162 (47 37 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1161 (46 36 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1160 (45 35 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1159 (44 34 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1157 (43 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1156 (42 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1155 (41 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1154 (40 673 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1151 (37 32 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1150 (36 30 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1149 (35 28 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1148 (34 26 2 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=4.32e-13 \
ps=1.92e-06 pd=1.92e-06 m=1 region=sat
\+1145 (32 21 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
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\+1144 (31 20 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1143 (30 19 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1142 (29 18 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1141 (28 17 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1140 (27 16 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1139 (26 15 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1138 (25 14 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1135 (2 11 32 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1134 (2 10 31 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1133 (2 9 30 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1132 (2 8 29 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1131 (2 7 28 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1130 (2 6 27 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1129 (2 5 26 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1128 (2 4 25 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1126 (20 665 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1125 (19 635 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1124 (18 637 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1123 (17 634 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1122 (16 636 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1121 (15 664 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1120 (14 635 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1119 (21 636 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1116 (2 662 19 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1115 (2 661 18 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1114 (2 662 17 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1113 (2 661 16 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1112 (2 662 15 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1111 (2 661 14 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1110 (2 662 21 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1109 (2 661 20 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1108 (6 635 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
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ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1107 (5 25 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1106 (4 634 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1105 (11 31 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1104 (10 637 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1103 (9 29 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1102 (8 636 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1101 (7 27 2 2) PMOS w=7.2e-07 l=2.4e-07 as=2.592e-13 ad=4.32e-13 \
ps=7.2e-07 pd=1.92e-06 m=1 region=sat
\+1100 (2 659 11 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1099 (2 658 10 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1098 (2 659 9 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1097 (2 658 8 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1096 (2 659 7 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1095 (2 658 6 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1094 (2 659 5 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1093 (2 658 4 2) PMOS w=7.2e-07 l=2.4e-07 as=4.32e-13 ad=2.592e-13 \
ps=1.92e-06 pd=7.2e-07 m=1 region=sat
\+1092 (637 629 1246 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1091 (636 628 1245 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1090 (635 627 1244 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1089 (634 626 1243 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1087 (1246 619 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1086 (1245 618 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1085 (1244 617 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1084 (1243 616 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1081 (633 527 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1080 (632 526 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1079 (631 525 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1078 (630 524 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1077 (629 612 1242 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1076 (628 611 1241 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1075 (627 610 1240 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1074 (626 609 1239 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
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\+1072 (1240 991 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1071 (1239 991 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1070 (1242 991 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1069 (1241 991 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1067 (624 535 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1066 (623 534 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1065 (622 533 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1064 (621 532 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1063 (619 574 1238 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1062 (618 573 1237 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1061 (617 572 1236 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1060 (616 571 1235 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1057 (1238 987 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1056 (1237 987 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1055 (1236 987 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1054 (1235 987 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1053 (3 535 604 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1052 (3 534 603 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1051 (3 533 602 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1050 (3 532 606 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1048 (612 596 1234 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1047 (611 595 1233 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1046 (610 594 1232 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1045 (609 593 1231 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1042 (604 531 605 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1041 (603 530 604 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1040 (602 529 603 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1039 (606 528 602 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1038 (1233 588 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1037 (1232 587 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1036 (1231 586 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1035 (1234 589 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
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ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1033 (600 531 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1032 (599 530 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1031 (598 529 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1030 (597 528 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+1029 (593 549 1227 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1028 (596 552 1230 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1027 (595 551 1229 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1026 (594 550 1228 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1023 (1230 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1022 (1229 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1021 (1228 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1020 (1227 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1017 (576 565 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=2.736e-13 ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+1016 (575 564 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=2.736e-13 ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+1015 (578 567 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=2.736e-13 ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+1014 (577 566 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=2.736e-13 ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+1010 (3 605 584 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=1.584e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1009 (3 604 583 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=1.584e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1008 (3 603 582 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=1.584e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1007 (3 602 581 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 \
ad=1.584e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1005 (588 632 1222 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1004 (587 631 1221 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1003 (586 630 1220 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1002 (589 633 1223 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+1000 (1223 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=8.64e-14 ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+999 (1222 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+998 (1221 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+997 (1220 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+996 (581 528 575 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+995 (584 531 578 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+994 (583 530 577 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
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\+993 (582 529 576 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+989 (567 605 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+988 (566 604 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+987 (565 603 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+986 (564 602 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+985 (571 560 1215 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+984 (574 563 1218 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+983 (573 562 1217 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+982 (572 561 1216 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+981 (3 531 567 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+980 (3 530 566 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+979 (3 529 565 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+978 (3 528 564 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+977 (1218 548 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+976 (1217 547 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+975 (1216 546 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+974 (1215 545 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+969 (552 544 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+968 (551 543 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+967 (550 542 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+966 (549 541 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+964 (563 624 1212 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+963 (562 623 1211 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+962 (561 622 1210 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+961 (560 621 1209 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+958 (3 970 556 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \  
      ps=8.4e-07 pd=8.4e-07 m=1 region=sat  
\+957 (3 970 555 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \  
      ps=8.4e-07 pd=8.4e-07 m=1 region=sat  
\+956 (3 970 554 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \  
      ps=8.4e-07 pd=8.4e-07 m=1 region=sat  
\+955 (3 970 553 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \  
      ps=8.4e-07 pd=8.4e-07 m=1 region=sat  
\+954 (1212 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+953 (1211 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+952 (1210 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
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ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+951 (1209 971 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+950 (555 530 551 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+949 (554 529 550 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+948 (553 528 549 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+947 (556 531 552 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+946 (548 578 1208 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+945 (547 577 1207 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+944 (546 576 1206 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+943 (545 575 1205 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+942 (544 970 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+941 (543 970 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+940 (542 970 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+939 (541 970 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+938 (1208 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+937 (1207 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+936 (1206 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+935 (1205 969 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+934 (3 531 544 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+933 (3 530 543 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+932 (3 529 542 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+931 (3 528 541 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+930 (528 519 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+929 (531 522 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+928 (530 521 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+927 (529 520 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+925 (535 508 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+924 (534 506 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+923 (533 504 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+922 (532 502 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+921 (3 508 539 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+920 (3 506 538 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
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\+919 (3 504 537 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
      ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+918 (3 502 536 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
      ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+916 (3 507 535 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+915 (3 505 534 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+914 (3 503 533 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+913 (3 501 532 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+912 (539 507 531 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+911 (538 505 530 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+910 (537 503 529 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+909 (536 501 528 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+905 (522 508 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+904 (521 506 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+903 (520 504 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+902 (519 502 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+901 (527 508 1201 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+900 (526 506 1200 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+899 (525 504 1199 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+898 (524 502 1198 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+897 (1198 501 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+896 (1201 507 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+895 (1200 505 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+894 (1199 503 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+893 (3 507 522 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+892 (3 505 521 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+891 (3 503 520 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+890 (3 501 519 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+888 (503 493 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+887 (502 492 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+886 (501 491 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+885 (508 498 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+884 (507 497 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+883 (506 496 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
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ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+882 (505 495 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+881 (504 494 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+880 (3 960 517 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+879 (3 959 516 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+878 (3 960 515 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+877 (3 959 514 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+876 (3 960 513 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+875 (3 959 512 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+874 (3 960 511 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+873 (3 959 510 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=1.584e-13 \
ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+871 (517 488 508 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+870 (516 385 507 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+869 (515 487 506 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+868 (514 384 505 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+867 (513 486 504 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+866 (512 383 503 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+865 (511 485 502 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+864 (510 382 501 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=1.584e-13 ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+860 (498 960 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+859 (497 959 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+858 (496 960 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+857 (495 959 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+856 (494 960 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+855 (493 959 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+854 (492 960 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+853 (491 959 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+852 (3 487 496 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+851 (3 384 495 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+850 (3 486 494 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+849 (3 383 493 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+848 (3 485 492 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
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\+847 (3 382 491 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
    ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+845 (3 488 498 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
    ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+844 (3 385 497 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
    ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+838 (488 482 1194 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+837 (487 481 1193 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+836 (486 480 1192 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+835 (485 479 1191 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+834 (1194 475 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+833 (1193 474 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+832 (1192 473 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+831 (1191 472 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+827 (482 469 1188 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+826 (481 468 1187 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+825 (480 467 1186 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+824 (479 466 1185 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+821 (1188 948 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+820 (1187 948 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+819 (1186 948 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+818 (1185 948 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+815 (475 450 1183 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+814 (474 449 1182 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+813 (473 448 1181 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+812 (472 447 1180 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+810 (1183 945 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+809 (1182 945 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+808 (1181 945 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+807 (1180 945 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+802 (469 462 1178 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+801 (468 461 1177 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+800 (467 460 1176 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+799 (466 459 1175 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
    ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+798 (1175 452 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  

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ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+796 (1178 455 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+795 (1177 454 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+794 (1176 453 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+792 (462 3 1174 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+791 (461 3 1173 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+790 (460 3 1172 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+789 (459 3 1171 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+787 (1171 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+786 (1174 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+785 (1173 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+784 (1172 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+778 (455 298 1168 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+777 (454 296 1167 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+776 (453 294 1166 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+775 (452 292 1165 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+773 (1168 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+772 (1167 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+771 (1166 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+770 (1165 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+768 (450 442 1164 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+767 (449 441 1163 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+766 (448 440 1162 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+765 (447 439 1161 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+763 (1163 436 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+762 (1162 435 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+761 (1161 434 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+760 (1164 437 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+757 (442 297 1160 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+756 (441 295 1159 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+755 (440 293 1158 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+754 (439 291 1157 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
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\+751 (1160 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+750 (1159 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+749 (1158 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+748 (1157 925 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+743 (434 427 1152 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+742 (437 430 1155 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+741 (436 429 1154 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+740 (435 428 1153 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+738 (1155 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+737 (1154 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+736 (1153 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+735 (1152 920 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+732 (427 422 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+731 (430 425 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+730 (429 424 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+729 (428 423 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+726 (3 430 425 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+725 (3 429 424 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+724 (3 428 423 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+723 (3 427 422 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+722 (425 673 413 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+721 (424 673 412 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+720 (423 673 411 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+719 (422 673 410 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+714 (418 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+713 (417 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+712 (416 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+711 (415 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+706 (413 408 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+705 (412 407 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+704 (411 406 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+703 (410 405 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
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ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+701 (408 401 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+700 (407 400 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+699 (406 399 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+698 (405 398 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+695 (3 408 401 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+694 (3 407 400 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+693 (3 406 399 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+692 (3 405 398 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+687 (399 378 388 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+686 (398 377 387 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+685 (401 380 390 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+684 (400 379 389 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+678 (395 380 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+677 (394 379 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+676 (393 378 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+675 (392 377 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+672 (390 355 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+671 (389 353 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+670 (388 351 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+669 (387 349 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+667 (385 376 1148 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+666 (384 375 1147 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+665 (383 374 1146 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+664 (382 373 1145 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+661 (1148 364 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+660 (1147 363 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+659 (1146 362 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+658 (1145 361 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+655 (377 368 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+654 (380 371 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+653 (379 370 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
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\+652 (378 369 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \  
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+648 (376 3 1141 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \  
      ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+647 (375 3 1140 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \  
      ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+646 (374 3 1139 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \  
      ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+645 (373 3 1138 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \  
      ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+642 (1140 890 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+641 (1139 890 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+640 (1138 890 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+639 (1141 890 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+638 (371 891 1137 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+637 (370 891 1136 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+636 (369 891 1135 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+635 (368 891 1134 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+634 (1137 360 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+633 (1136 359 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+632 (1135 358 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+631 (1134 357 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+627 (364 354 1132 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+626 (363 352 1131 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+625 (362 350 1130 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+624 (361 348 1129 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+622 (1129 885 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+621 (1132 885 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+620 (1131 885 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+619 (1130 885 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+618 (360 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \  
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+617 (359 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \  
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+616 (358 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \  
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+615 (357 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \  
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+612 (351 341 1123 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+611 (350 340 1122 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+610 (349 339 1121 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  

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ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+609 (348 338 1120 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+608 (355 345 1127 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+607 (354 344 1126 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+606 (353 343 1125 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+605 (352 342 1124 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+603 (1121 328 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+602 (1120 327 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+601 (1127 334 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+600 (1126 333 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+599 (1125 332 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+598 (1124 331 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+597 (1123 330 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+596 (1122 329 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+594 (345 429 1119 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+593 (344 297 1118 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+592 (343 428 1117 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+591 (342 295 1116 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+590 (341 427 1115 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+589 (340 293 1114 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+588 (339 877 1113 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+587 (338 291 1112 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+584 (1119 875 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+583 (1118 874 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+582 (1117 875 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+581 (1116 874 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+580 (1115 875 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+579 (1114 874 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+578 (1113 875 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+577 (1112 874 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+575 (334 324 1111 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+574 (333 873 1110 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
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\+573 (332 322 1109 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+572 (331 872 1108 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+571 (330 320 1107 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+570 (329 871 1106 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+569 (328 318 1105 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+568 (327 870 1104 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+566 (1109 867 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+565 (1108 866 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+564 (1107 867 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+563 (1106 866 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+562 (1105 867 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+561 (1104 866 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+560 (1111 867 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+559 (1110 866 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+556 (321 312 1099 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+555 (320 311 1098 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+554 (319 310 1097 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+553 (318 309 1096 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+552 (317 308 1095 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+551 (324 315 1102 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+550 (323 314 1101 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+549 (322 313 1100 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+548 (1096 300 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+547 (1095 299 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+546 (1102 306 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+545 (1101 305 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+544 (1100 304 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+543 (1099 303 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+542 (1098 302 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+541 (1097 301 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \  
      ps=1.8e-06 pd=4.8e-07 m=1 region=sat  
\+538 (308 291 1087 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  
      ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat  
\+537 (315 862 1094 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \  

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ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+536 (314 297 1093 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+535 (313 430 1092 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+534 (312 295 1091 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+533 (311 429 1090 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+532 (310 293 1089 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+531 (309 428 1088 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+530 (1094 861 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+529 (1093 860 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+528 (1092 861 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+527 (1091 860 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+526 (1090 861 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+525 (1089 860 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+524 (1088 861 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+523 (1087 860 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+520 (306 637 1086 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+519 (305 637 1085 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+518 (304 636 1084 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+517 (303 636 1083 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+516 (302 635 1082 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+515 (301 635 1081 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+514 (300 634 1080 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+513 (299 634 1079 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 \
ad=2.736e-13 ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+512 (1083 856 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+511 (1082 857 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+510 (1081 856 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+509 (1080 857 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+508 (1079 856 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+507 (1086 857 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+506 (1085 856 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+505 (1084 857 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+503 (293 283 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
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\+502 (292 282 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+501 (291 281 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+500 (298 288 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+499 (297 287 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+498 (296 286 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+497 (295 285 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+496 (294 284 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+494 (3 291 281 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+493 (3 298 288 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+492 (3 297 287 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+491 (3 296 286 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+490 (3 295 285 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+489 (3 294 284 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+488 (3 293 283 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+487 (3 292 282 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+484 (288 673 270 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+483 (287 673 269 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+482 (286 673 268 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+481 (285 673 267 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+480 (284 673 266 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+479 (283 673 265 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+478 (282 673 264 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+477 (281 673 263 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+474 (279 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+473 (278 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+472 (277 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+471 (276 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+470 (275 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+469 (274 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+468 (273 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+467 (272 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+466 (269 72 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
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ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+465 (268 56 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+464 (267 71 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+463 (266 55 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+462 (265 70 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+461 (264 54 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+460 (263 69 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+459 (270 57 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+457 (258 254 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+456 (261 257 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+455 (260 256 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+454 (259 255 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+453 (3 261 257 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+452 (3 260 256 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+451 (3 259 255 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+450 (3 258 254 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+449 (257 848 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+448 (256 848 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+447 (255 848 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+446 (254 848 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+445 (255 845 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+444 (254 845 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+443 (257 845 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+442 (256 845 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+440 (253 247 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+439 (252 246 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+438 (251 245 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+437 (250 244 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+435 (3 250 244 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+433 (3 253 247 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+432 (3 252 246 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+431 (3 251 245 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
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\+430 (247 841 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+429 (246 841 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+428 (245 841 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+427 (244 841 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+425 (247 837 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+424 (246 837 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+423 (245 837 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+422 (244 837 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+417 (240 233 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+416 (239 232 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+415 (238 231 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+414 (237 230 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+412 (3 238 231 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+411 (3 237 230 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+410 (3 240 233 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+409 (3 239 232 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+407 (233 830 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+406 (232 830 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+405 (231 830 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+404 (230 830 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+400 (232 824 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+399 (231 824 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+398 (230 824 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+397 (233 824 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \  
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat  
\+392 (227 220 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+391 (226 219 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+390 (225 218 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+389 (224 217 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \  
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat  
\+387 (3 227 220 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+386 (3 226 219 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+385 (3 225 218 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \  
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat  
\+384 (3 224 217 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
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ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+383 (220 818 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+382 (219 818 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+381 (218 818 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+380 (217 818 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+375 (220 811 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+374 (219 811 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+373 (218 811 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+372 (217 811 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+369 (212 205 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+368 (215 208 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+367 (214 207 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+366 (213 206 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+363 (3 215 208 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+362 (3 214 207 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+361 (3 213 206 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+360 (3 212 205 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+358 (205 806 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+357 (208 806 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+356 (207 806 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+355 (206 806 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+353 (208 801 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+352 (207 801 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+351 (206 801 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+350 (205 801 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+345 (200 194 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+344 (199 193 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+343 (198 192 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+342 (201 195 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+340 (3 201 195 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+339 (3 200 194 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+338 (3 199 193 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
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\+337 (3 198 192 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+334 (194 793 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+333 (193 793 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+332 (192 793 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+331 (195 793 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+328 (195 790 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+327 (194 790 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+326 (193 790 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+325 (192 790 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+320 (189 182 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+319 (188 181 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+318 (187 180 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+317 (186 179 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+315 (3 189 182 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+314 (3 188 181 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+313 (3 187 180 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+312 (3 186 179 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+310 (182 782 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+309 (181 782 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+308 (180 782 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+307 (179 782 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+304 (182 778 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+303 (181 778 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+302 (180 778 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+301 (179 778 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+296 (176 170 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+295 (175 169 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+294 (174 168 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+293 (173 167 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+291 (3 174 168 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+290 (3 173 167 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+289 (3 176 170 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
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ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+288 (3 175 169 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+287 (170 772 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+286 (169 772 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+285 (168 772 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+284 (167 772 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+280 (168 768 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+279 (167 768 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+278 (170 768 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+277 (169 768 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+274 (164 157 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+273 (163 156 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+272 (162 155 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+271 (161 154 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+267 (3 164 157 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+266 (3 163 156 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+265 (3 162 155 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+264 (3 161 154 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+262 (157 760 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+261 (156 760 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+260 (155 760 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+259 (154 760 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+258 (155 757 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+257 (154 757 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+256 (157 757 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+255 (156 757 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+251 (152 146 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+250 (151 145 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+249 (150 144 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+248 (149 143 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+247 (3 150 144 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+246 (3 149 143 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
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\+245 (3 152 146 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+244 (3 151 145 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+243 (146 752 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+242 (145 752 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+241 (144 752 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+240 (143 752 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+237 (143 748 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+236 (146 748 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+235 (145 748 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+234 (144 748 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+229 (139 133 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+228 (138 132 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+227 (137 131 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+226 (136 130 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+225 (3 137 131 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+224 (3 136 130 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+223 (3 139 133 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+222 (3 138 132 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+220 (133 742 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+219 (132 742 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+218 (131 742 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+217 (130 742 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+211 (133 734 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+210 (132 734 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+209 (131 734 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+208 (130 734 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
      ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+205 (128 121 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+204 (127 120 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+203 (126 119 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+202 (125 118 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+199 (3 128 121 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+198 (3 127 120 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
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ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+197 (3 126 119 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+196 (3 125 118 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+194 (121 729 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+193 (120 729 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+192 (119 729 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+191 (118 729 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+188 (121 723 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+187 (120 723 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+186 (119 723 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+185 (118 723 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+181 (113 106 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+180 (112 105 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+179 (115 108 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+178 (114 107 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+176 (3 115 108 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+175 (3 114 107 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+174 (3 113 106 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+173 (3 112 105 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+171 (105 719 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+170 (108 719 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+169 (107 719 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+168 (106 719 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+165 (108 713 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+164 (107 713 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+163 (106 713 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+162 (105 713 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 \
ad=2.736e-13 ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+157 (102 95 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+156 (101 94 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+155 (100 93 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+154 (99 92 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+152 (3 102 95 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
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\+151 (3 101 94 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+150 (3 100 93 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+149 (3 99 92 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+148 (93 707 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+147 (92 707 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+146 (95 707 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+145 (94 707 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+140 (95 701 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+139 (94 701 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+138 (93 701 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+137 (92 701 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+134 (89 82 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+133 (88 81 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+132 (87 80 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+131 (86 79 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+128 (3 89 82 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+127 (3 88 81 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+126 (3 87 80 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+125 (3 86 79 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
      ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+122 (82 694 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+121 (81 694 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+120 (80 694 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+119 (79 694 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+117 (82 691 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+116 (81 691 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+115 (80 691 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+114 (79 691 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
      ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+111 (78 67 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+110 (77 66 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+109 (76 65 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+108 (75 64 3 3) NMOS w=3.6e-07 l=2.4e-07 as=1.584e-13 ad=2.736e-13 \
      ps=8.4e-07 pd=1.8e-06 m=1 region=sat
\+106 (3 78 67 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
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ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+105 (3 77 66 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+104 (3 76 65 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+103 (3 75 64 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=1.584e-13 \
ps=1.8e-06 pd=8.4e-07 m=1 region=sat
\+101 (67 687 72 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+100 (66 687 71 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+99 (65 687 70 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+98 (64 687 69 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+94 (64 682 54 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+93 (67 682 57 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+92 (66 682 56 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+91 (65 682 55 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+90 (63 52 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+89 (62 51 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+88 (61 50 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+87 (60 49 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+84 (57 63 47 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+83 (56 62 46 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+82 (55 61 45 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+81 (54 60 44 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+78 (52 43 1068 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+77 (51 42 1067 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+76 (50 41 1066 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+75 (49 40 1065 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+74 (1068 676 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+73 (1067 676 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+72 (1066 676 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+71 (1065 676 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+69 (47 37 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+68 (46 36 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+67 (45 35 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+66 (44 34 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
ps=1.8e-06 pd=1.8e-06 m=1 region=sat
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\+64 (43 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+63 (42 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+62 (41 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+61 (40 673 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+58 (37 32 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+57 (36 30 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+56 (35 28 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+55 (34 26 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=2.736e-13 \
    ps=1.8e-06 pd=1.8e-06 m=1 region=sat
\+52 (27 16 1059 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+51 (26 15 1058 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+50 (25 14 1057 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+49 (32 21 1064 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+48 (31 20 1063 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+47 (30 19 1062 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+46 (29 18 1061 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+45 (28 17 1060 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+43 (1057 4 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+41 (1064 11 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+40 (1063 10 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+39 (1062 9 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+38 (1061 8 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+37 (1060 7 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+36 (1059 6 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+35 (1058 5 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
    ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+33 (21 636 1056 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+32 (20 665 1055 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+31 (19 635 1054 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+30 (18 637 1053 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+29 (17 634 1052 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+28 (16 636 1051 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+27 (15 664 1050 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
    ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+26 (14 635 1049 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
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ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+23 (1056 662 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+22 (1055 661 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+21 (1054 662 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+20 (1053 661 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+19 (1052 662 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+18 (1051 661 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+17 (1050 662 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+16 (1049 661 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+15 (10 637 1047 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+14 (9 29 1046 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+13 (8 636 1045 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+12 (7 27 1044 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+11 (6 635 1043 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+10 (5 25 1042 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+9 (4 634 1041 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+8 (11 31 1048 3) NMOS w=3.6e-07 l=2.4e-07 as=8.64e-14 ad=2.736e-13 \
ps=4.8e-07 pd=1.8e-06 m=1 region=sat
\+7 (1044 659 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+6 (1043 658 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+5 (1042 659 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+4 (1041 658 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+3 (1048 659 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+2 (1047 658 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1 (1046 659 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+0 (1045 658 3 3) NMOS w=3.6e-07 l=2.4e-07 as=2.736e-13 ad=8.64e-14 \
ps=1.8e-06 pd=4.8e-07 m=1 region=sat
\+1088 (3 996 625 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 \
ad=5.544e-13 ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+1083 (625 995 3 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 \
ad=3.528e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1082 (3 994 625 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 \
ad=3.528e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1073 (625 993 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
ad=3.528e-13 ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+1068 (3 992 620 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+1059 (615 990 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+1058 (614 988 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
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\+1049 (3 989 613 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+1044 (608 986 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+1043 (607 984 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+1034 (3 985 601 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+1025 (592 580 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.04e-13 \
ps=2.04e-06 pd=2.04e-06 m=1 region=sat
\+1024 (591 980 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 \
ad=6.048e-13 ps=1.02e-06 pd=2.28e-06 m=1 region=sat
\+1019 (590 978 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 \
ad=6.048e-13 ps=1.02e-06 pd=2.28e-06 m=1 region=sat
\+1018 (3 982 1226 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=4.284e-13 ps=4.8e-07 pd=1.02e-06 m=1 region=sat
\+1013 (3 570 1225 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=5.04e-13 ps=4.8e-07 pd=2.04e-06 m=1 region=sat
\+1012 (1226 591 585 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
ad=2.016e-13 ps=2.16e-06 pd=4.8e-07 m=1 region=sat
\+1011 (3 981 1224 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=4.284e-13 ps=4.8e-07 pd=1.02e-06 m=1 region=sat
\+1006 (1225 983 580 3) NMOS w=8.4e-07 l=2.4e-07 as=3.276e-13 \
ad=2.016e-13 ps=7.8e-07 pd=4.8e-07 m=1 region=sat
\+1001 (1224 590 579 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
ad=2.016e-13 ps=2.16e-06 pd=4.8e-07 m=1 region=sat
\+992 (580 979 1219 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=3.276e-13 ps=4.8e-07 pd=7.8e-07 m=1 region=sat
\+991 (1219 977 3 3) NMOS w=8.4e-07 l=2.4e-07 as=3.024e-13 \
ad=2.016e-13 ps=7.2e-07 pd=4.8e-07 m=1 region=sat
\+990 (3 977 570 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=3.024e-13 \
ps=2.04e-06 pd=7.2e-07 m=1 region=sat
\+973 (569 974 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 ad=6.048e-13 \
ps=1.02e-06 pd=2.28e-06 m=1 region=sat
\+972 (568 557 1214 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+971 (3 976 1213 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=4.284e-13 ps=4.8e-07 pd=1.02e-06 m=1 region=sat
\+970 (1214 972 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 \
ad=2.016e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+965 (1213 569 559 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
ad=2.016e-13 ps=2.16e-06 pd=4.8e-07 m=1 region=sat
\+960 (3 975 558 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+959 (3 973 557 3) NMOS w=8.4e-07 l=2.4e-07 as=6.048e-13 ad=4.284e-13 \
ps=2.28e-06 pd=1.02e-06 m=1 region=sat
\+926 (540 968 1204 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+917 (1204 967 1203 3) NMOS w=8.4e-07 l=2.4e-07 as=2.268e-13 \
ad=2.016e-13 ps=5.4e-07 pd=4.8e-07 m=1 region=sat
\+908 (1203 966 1202 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=2.268e-13 ps=4.8e-07 pd=5.4e-07 m=1 region=sat
\+907 (1202 964 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=2.016e-13 \
ps=2.04e-06 pd=4.8e-07 m=1 region=sat
\+906 (3 965 523 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+889 (3 963 518 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+872 (3 962 509 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+863 (509 961 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+862 (500 489 1197 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
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      ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+861 (1197 957 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 \
      ad=2.016e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+846 (499 483 3 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+843 (3 958 489 3) NMOS w=8.4e-07 l=2.4e-07 as=6.048e-13 ad=4.284e-13 \
      ps=2.28e-06 pd=1.02e-06 m=1 region=sat
\+842 (3 956 1195 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 \
      ad=3.528e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+841 (490 955 1196 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
      ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+840 (1196 953 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=2.016e-13 \
      ps=2.04e-06 pd=4.8e-07 m=1 region=sat
\+839 (1195 954 1190 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 \
      ad=3.528e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+830 (1190 952 483 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
      ad=3.528e-13 ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+829 (484 476 1189 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
      ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+828 (1189 950 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 \
      ad=2.016e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+823 (478 949 1184 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
      ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+822 (3 951 476 3) NMOS w=8.4e-07 l=2.4e-07 as=6.048e-13 ad=4.284e-13 \
      ps=2.28e-06 pd=1.02e-06 m=1 region=sat
\+817 (1184 946 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=2.016e-13 \
      ps=2.04e-06 pd=4.8e-07 m=1 region=sat
\+816 (477 947 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+811 (471 942 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+806 (3 943 470 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+805 (3 944 1179 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 ad=5.04e-13 \
      ps=4.8e-07 pd=2.04e-06 m=1 region=sat
\+804 (470 940 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+803 (1179 941 465 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
      ad=2.016e-13 ps=2.16e-06 pd=4.8e-07 m=1 region=sat
\+797 (3 939 463 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+793 (464 937 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+788 (3 938 1170 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 ad=5.04e-13 \
      ps=4.8e-07 pd=2.04e-06 m=1 region=sat
\+783 (1170 936 457 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
      ad=2.016e-13 ps=2.16e-06 pd=4.8e-07 m=1 region=sat
\+782 (458 451 1169 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
      ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+781 (3 935 456 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+780 (1169 932 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 \
      ad=2.016e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+779 (456 934 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+774 (3 933 451 3) NMOS w=8.4e-07 l=2.4e-07 as=6.048e-13 ad=4.284e-13 \
      ps=2.28e-06 pd=1.02e-06 m=1 region=sat
\+769 (3 931 446 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+764 (3 930 445 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+759 (3 929 444 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
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\+758 (3 928 443 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+753 (444 927 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+752 (443 926 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+747 (438 432 1156 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
      ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+746 (1156 922 3 3) NMOS w=8.4e-07 l=2.4e-07 as=4.284e-13 \
      ad=2.016e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+745 (3 924 433 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+744 (3 923 432 3) NMOS w=8.4e-07 l=2.4e-07 as=6.048e-13 ad=4.284e-13 \
      ps=2.28e-06 pd=1.02e-06 m=1 region=sat
\+739 (433 921 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+734 (3 919 431 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+733 (431 918 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+718 (421 914 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+716 (3 915 419 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+707 (3 912 409 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+697 (3 909 404 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+690 (404 907 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+683 (3 904 396 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+681 (396 903 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+673 (3 899 386 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+668 (386 898 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+663 (381 897 1144 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
      ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+657 (1144 896 1143 3) NMOS w=8.4e-07 l=2.4e-07 as=2.268e-13 \
      ad=2.016e-13 ps=5.4e-07 pd=4.8e-07 m=1 region=sat
\+651 (1143 894 1142 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
      ad=2.268e-13 ps=4.8e-07 pd=5.4e-07 m=1 region=sat
\+650 (3 895 372 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+649 (1142 892 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=2.016e-13 \
      ps=2.04e-06 pd=4.8e-07 m=1 region=sat
\+644 (372 893 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+629 (366 887 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+604 (3 883 347 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+586 (3 879 337 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+567 (3 869 326 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+540 (3 864 316 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+539 (316 863 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+522 (3 859 307 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
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ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+521 (307 858 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+504 (3 855 290 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+495 (290 854 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+486 (3 853 289 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+485 (3 852 280 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+476 (280 851 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+475 (3 850 271 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+458 (3 849 262 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+441 (3 844 248 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+436 (249 843 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+434 (248 842 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+426 (3 839 242 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+421 (243 836 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+420 (242 835 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+419 (3 834 241 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+418 (241 833 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+413 (3 831 236 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+408 (3 832 235 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+403 (236 828 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+402 (3 827 234 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+401 (234 826 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+396 (3 823 228 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+395 (229 822 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+394 (228 821 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+393 (3 820 223 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+388 (223 819 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+379 (3 816 221 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+378 (222 815 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+377 (221 814 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+376 (3 813 216 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+371 (216 810 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
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\+370 (3 808 211 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+365 (3 809 210 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+364 (211 807 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+354 (3 803 203 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+349 (204 800 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+348 (203 799 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+347 (3 798 202 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+346 (202 797 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+341 (3 795 197 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+336 (3 796 196 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+335 (197 794 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+324 (3 789 190 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+323 (191 788 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+322 (190 787 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+311 (3 783 184 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+306 (3 784 183 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+305 (184 780 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+299 (3 777 172 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+297 (177 775 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+292 (172 774 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+283 (3 770 165 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+281 (171 767 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+275 (165 766 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+270 (3 764 159 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+269 (160 762 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+263 (159 761 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+254 (153 755 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+239 (3 753 147 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
      ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+232 (3 746 140 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
      ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+231 (142 745 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
      ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+230 (140 744 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
      ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+221 (3 743 1075 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 ad=5.04e-13 \
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ps=4.8e-07 pd=2.04e-06 m=1 region=sat
\+216 (3 740 134 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+215 (1075 739 1074 3) NMOS w=8.4e-07 l=2.4e-07 as=2.268e-13 \
ad=2.016e-13 ps=5.4e-07 pd=4.8e-07 m=1 region=sat
\+214 (135 738 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+213 (1074 736 1073 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=2.268e-13 ps=4.8e-07 pd=5.4e-07 m=1 region=sat
\+212 (134 737 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+207 (1073 733 129 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 \
ad=2.016e-13 ps=2.16e-06 pd=4.8e-07 m=1 region=sat
\+206 (3 732 123 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+201 (124 731 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+200 (123 730 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+189 (3 726 116 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+184 (117 722 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+183 (116 721 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+172 (110 717 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+167 (3 716 109 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+166 (109 715 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+159 (103 711 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+158 (3 710 98 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+153 (98 708 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+144 (97 705 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+142 (3 704 91 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+136 (91 700 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+135 (90 698 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+130 (3 697 84 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+123 (84 696 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+118 (83 690 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+107 (74 689 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+102 (3 688 73 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+96 (73 685 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+86 (59 680 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+85 (58 679 1069 3) NMOS w=8.4e-07 l=2.4e-07 as=2.016e-13 \
ad=5.544e-13 ps=4.8e-07 pd=2.16e-06 m=1 region=sat
\+80 (1069 678 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=2.016e-13 \
ps=2.04e-06 pd=4.8e-07 m=1 region=sat
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\+70 (48 675 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
    ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+65 (3 674 38 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
    ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+60 (39 671 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
    ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+59 (38 672 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
    ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+54 (33 670 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
    ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+53 (3 669 23 3) NMOS w=8.4e-07 l=2.4e-07 as=3.528e-13 ad=5.544e-13 \
    ps=8.4e-07 pd=2.16e-06 m=1 region=sat
\+44 (24 668 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
    ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+42 (23 667 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=3.528e-13 \
    ps=2.16e-06 pd=8.4e-07 m=1 region=sat
\+34 (22 666 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
    ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+25 (13 660 3 3) NMOS w=8.4e-07 l=2.4e-07 as=5.544e-13 ad=5.04e-13 \
    ps=2.16e-06 pd=2.04e-06 m=1 region=sat
\+24 (3 663 12 3) NMOS w=8.4e-07 l=2.4e-07 as=5.04e-13 ad=5.544e-13 \
    ps=2.04e-06 pd=2.16e-06 m=1 region=sat
\+728 (426 917 1151 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
    ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+727 (1151 916 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
    ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+717 (3 913 420 3) NMOS w=1.68e-06 l=2.4e-07 as=6.048e-13 \
    ad=1.1088e-12 ps=7.2e-07 pd=3e-06 m=1 region=sat
\+715 (420 913 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
    ad=6.048e-13 ps=3e-06 pd=7.2e-07 m=1 region=sat
\+710 (414 911 1150 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
    ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+709 (1150 910 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
    ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+708 (3 906 402 3) NMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \
    ad=1.1088e-12 ps=7.8e-07 pd=3e-06 m=1 region=sat
\+702 (402 905 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
    ad=6.552e-13 ps=3e-06 pd=7.8e-07 m=1 region=sat
\+696 (3 908 403 3) NMOS w=1.68e-06 l=2.4e-07 as=6.048e-13 \
    ad=1.1088e-12 ps=7.2e-07 pd=3e-06 m=1 region=sat
\+691 (3 906 402 3) NMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
    ad=1.1088e-12 ps=8.4e-07 pd=3e-06 m=1 region=sat
\+689 (403 908 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
    ad=6.048e-13 ps=3e-06 pd=7.2e-07 m=1 region=sat
\+688 (402 905 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
    ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+682 (397 902 1149 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
    ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+680 (3 900 391 3) NMOS w=1.68e-06 l=2.4e-07 as=6.048e-13 \
    ad=1.1088e-12 ps=7.2e-07 pd=3e-06 m=1 region=sat
\+679 (1149 901 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
    ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+674 (391 900 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
    ad=6.048e-13 ps=3e-06 pd=7.2e-07 m=1 region=sat
\+662 (3 889 367 3) NMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \
    ad=1.1088e-12 ps=7.8e-07 pd=3e-06 m=1 region=sat
\+656 (367 888 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
    ad=6.552e-13 ps=3e-06 pd=7.8e-07 m=1 region=sat
\+643 (3 889 367 3) NMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
    ad=1.1088e-12 ps=8.4e-07 pd=3e-06 m=1 region=sat
\+630 (367 888 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
    ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+628 (365 886 1133 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
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ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+623 (1133 884 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+614 (356 882 1128 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+613 (1128 880 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+595 (3 881 346 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+585 (3 878 336 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+576 (3 876 335 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+558 (3 868 1103 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.008e-12 ps=4.8e-07 pd=2.88e-06 m=1 region=sat
\+557 (1103 865 325 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+359 (209 804 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+330 (3 786 185 3) NMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=1.1088e-12 ps=8.4e-07 pd=3e-06 m=1 region=sat
\+329 (185 785 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+321 (3 786 185 3) NMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \
ad=1.1088e-12 ps=7.8e-07 pd=3e-06 m=1 region=sat
\+316 (185 785 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=6.552e-13 ps=3e-06 pd=7.8e-07 m=1 region=sat
\+300 (178 776 1078 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+298 (1078 773 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+282 (3 765 166 3) NMOS w=1.68e-06 l=2.4e-07 as=6.048e-13 \
ad=1.1088e-12 ps=7.2e-07 pd=3e-06 m=1 region=sat
\+276 (166 765 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=6.048e-13 ps=3e-06 pd=7.2e-07 m=1 region=sat
\+268 (3 763 158 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+253 (3 756 1077 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.008e-12 ps=4.8e-07 pd=2.88e-06 m=1 region=sat
\+252 (1077 754 148 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+238 (3 750 1076 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.008e-12 ps=4.8e-07 pd=2.88e-06 m=1 region=sat
\+233 (1076 747 141 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+195 (122 727 1072 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+190 (1072 725 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+182 (3 720 111 3) NMOS w=1.68e-06 l=2.4e-07 as=6.048e-13 \
ad=1.1088e-12 ps=7.2e-07 pd=3e-06 m=1 region=sat
\+177 (111 720 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=6.048e-13 ps=3e-06 pd=7.2e-07 m=1 region=sat
\+161 (104 712 1071 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+160 (1071 709 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+143 (96 703 1070 3) NMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+141 (1070 699 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=4.032e-13 ps=2.88e-06 pd=4.8e-07 m=1 region=sat
\+129 (3 695 85 3) NMOS w=1.68e-06 l=2.4e-07 as=6.048e-13 \
ad=1.1088e-12 ps=7.2e-07 pd=3e-06 m=1 region=sat
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\+124 (85 695 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=6.048e-13 ps=3e-06 pd=7.2e-07 m=1 region=sat  
\+113 (3 684 68 3) NMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \  
      ad=1.1088e-12 ps=7.8e-07 pd=3e-06 m=1 region=sat  
\+112 (68 681 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=6.552e-13 ps=3e-06 pd=7.8e-07 m=1 region=sat  
\+97 (3 684 68 3) NMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 ad=1.1088e-12 \  
      ps=8.4e-07 pd=3e-06 m=1 region=sat  
\+95 (68 681 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 ad=7.056e-13 \  
      ps=3e-06 pd=8.4e-07 m=1 region=sat  
\+79 (53 677 3 3) NMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 ad=1.008e-12 \  
      ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+2177 (625 996 1335 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.008e-12 ps=4.8e-07 pd=2.88e-06 m=1 region=sat  
\+2176 (1335 995 1334 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=4.032e-13 ps=4.8e-07 pd=4.8e-07 m=1 region=sat  
\+2175 (1334 994 1333 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=4.032e-13 ps=4.8e-07 pd=4.8e-07 m=1 region=sat  
\+2166 (1333 993 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+2161 (1 992 620 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat  
\+2152 (615 990 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+2151 (614 988 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+2142 (1 989 613 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat  
\+2137 (608 986 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+2136 (607 984 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+2127 (1 985 601 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat  
\+2118 (592 580 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=1.008e-12 ps=2.88e-06 pd=2.88e-06 m=1 region=sat  
\+2117 (591 980 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \  
      ad=1.2096e-12 ps=1.02e-06 pd=3.12e-06 m=1 region=sat  
\+2112 (590 978 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \  
      ad=1.2096e-12 ps=1.02e-06 pd=3.12e-06 m=1 region=sat  
\+2111 (1 982 1332 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=8.568e-13 ps=4.8e-07 pd=1.02e-06 m=1 region=sat  
\+2106 (2 977 1331 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.008e-12 ps=4.8e-07 pd=2.88e-06 m=1 region=sat  
\+2105 (1332 980 585 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+2104 (1 981 1330 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=8.568e-13 ps=4.8e-07 pd=1.02e-06 m=1 region=sat  
\+2103 (1331 983 580 2) PMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \  
      ad=4.032e-13 ps=7.8e-07 pd=4.8e-07 m=1 region=sat  
\+2094 (1330 978 579 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+2089 (580 979 1329 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=6.552e-13 ps=4.8e-07 pd=7.8e-07 m=1 region=sat  
\+2084 (1329 570 2 2) PMOS w=1.68e-06 l=2.4e-07 as=6.048e-13 \  
      ad=4.032e-13 ps=7.2e-07 pd=4.8e-07 m=1 region=sat  
\+2083 (2 977 570 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=6.048e-13 ps=2.88e-06 pd=7.2e-07 m=1 region=sat  
\+2066 (569 974 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \  
      ad=1.2096e-12 ps=1.02e-06 pd=3.12e-06 m=1 region=sat  
\+2065 (568 973 1324 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+2064 (1 976 1323 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  

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ad=8.568e-13 ps=4.8e-07 pd=1.02e-06 m=1 region=sat
\+2063 (1324 972 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \
ad=4.032e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+2054 (1323 974 559 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+2053 (2 975 558 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+2052 (1 973 557 1) PMOS w=1.68e-06 l=2.4e-07 as=1.2096e-12 \
ad=8.568e-13 ps=3.12e-06 pd=1.02e-06 m=1 region=sat
\+2019 (2 968 540 2) PMOS w=1.68e-06 l=2.4e-07 as=7.56e-13 \
ad=1.1088e-12 ps=9e-07 pd=3e-06 m=1 region=sat
\+2010 (540 967 2 2) PMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \
ad=7.56e-13 ps=7.8e-07 pd=9e-07 m=1 region=sat
\+2001 (2 966 540 2) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=6.552e-13 ps=8.4e-07 pd=7.8e-07 m=1 region=sat
\+2000 (1 965 523 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1999 (540 964 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+1982 (1 963 518 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1973 (509 962 1310 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1964 (1310 961 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1955 (500 958 1309 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1954 (1309 957 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \
ad=4.032e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+1937 (499 483 2 2) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=1.1088e-12 ps=8.4e-07 pd=3e-06 m=1 region=sat
\+1936 (1 958 489 1) PMOS w=1.68e-06 l=2.4e-07 as=1.2096e-12 \
ad=8.568e-13 ps=3.12e-06 pd=1.02e-06 m=1 region=sat
\+1935 (2 956 483 2) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=7.056e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1934 (1 955 490 1) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=1.008e-12 ps=8.4e-07 pd=2.88e-06 m=1 region=sat
\+1929 (490 953 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+1928 (483 954 2 2) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=7.056e-13 ps=8.4e-07 pd=8.4e-07 m=1 region=sat
\+1923 (2 952 483 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+1922 (484 951 1300 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1921 (1300 950 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \
ad=4.032e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+1916 (1 949 478 1) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=1.008e-12 ps=8.4e-07 pd=2.88e-06 m=1 region=sat
\+1915 (1 951 476 1) PMOS w=1.68e-06 l=2.4e-07 as=1.2096e-12 \
ad=8.568e-13 ps=3.12e-06 pd=1.02e-06 m=1 region=sat
\+1910 (477 947 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1909 (478 946 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+1904 (471 942 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1899 (470 943 1299 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1898 (2 944 465 2) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=1.1088e-12 ps=8.4e-07 pd=3e-06 m=1 region=sat
\+1897 (1299 940 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
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\+1896 (465 941 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
      ad=7.056e-13 ps=2.88e-06 pd=8.4e-07 m=1 region=sat
\+1891 (1 939 463 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1886 (464 937 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1885 (2 938 457 2) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
      ad=1.1088e-12 ps=8.4e-07 pd=3e-06 m=1 region=sat
\+1876 (457 936 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
      ad=7.056e-13 ps=2.88e-06 pd=8.4e-07 m=1 region=sat
\+1875 (458 933 1298 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1874 (1 935 1297 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1873 (1298 932 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \
      ad=4.032e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+1872 (1297 934 456 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1867 (1 933 451 1) PMOS w=1.68e-06 l=2.4e-07 as=1.2096e-12 \
      ad=8.568e-13 ps=3.12e-06 pd=1.02e-06 m=1 region=sat
\+1862 (1 931 446 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1857 (1 930 445 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1852 (443 928 1295 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1851 (444 929 1296 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1850 (1296 927 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1849 (1295 926 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1840 (438 923 1294 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1839 (1294 922 1 1) PMOS w=1.68e-06 l=2.4e-07 as=8.568e-13 \
      ad=4.032e-13 ps=1.02e-06 pd=4.8e-07 m=1 region=sat
\+1838 (433 924 1293 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1833 (1293 921 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1832 (1 923 432 1) PMOS w=1.68e-06 l=2.4e-07 as=1.2096e-12 \
      ad=8.568e-13 ps=3.12e-06 pd=1.02e-06 m=1 region=sat
\+1827 (431 919 1292 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1826 (1292 918 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1811 (421 914 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1809 (2 915 419 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1800 (2 912 409 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1785 (2 909 1290 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1783 (1290 907 404 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1776 (396 904 1288 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1774 (1288 903 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1766 (386 899 1287 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1763 (1287 898 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
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ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1760 (1 897 381 1) PMOS w=1.68e-06 l=2.4e-07 as=7.56e-13 \
ad=1.1088e-12 ps=9e-07 pd=3e-06 m=1 region=sat
\+1750 (381 896 1 1) PMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \
ad=7.56e-13 ps=7.8e-07 pd=9e-07 m=1 region=sat
\+1744 (372 895 1285 2) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1743 (1 894 381 1) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=6.552e-13 ps=8.4e-07 pd=7.8e-07 m=1 region=sat
\+1742 (1285 893 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1737 (381 892 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+1722 (366 887 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1697 (2 883 347 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1679 (2 879 337 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1660 (2 869 326 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1633 (316 864 1283 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1632 (1283 863 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1615 (307 859 1282 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1614 (1282 858 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1597 (290 855 1281 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1596 (1281 854 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1579 (2 853 289 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1578 (1 852 1280 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1569 (1280 851 280 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1568 (2 850 271 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1551 (2 849 262 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1534 (248 844 1279 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1529 (249 843 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1528 (1279 842 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1519 (242 839 1278 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1514 (243 836 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1513 (1278 835 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1512 (1 834 1277 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1511 (1277 833 241 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1506 (236 831 1276 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1501 (2 832 235 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
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\+1500 (1276 828 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1495 (1 827 1275 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1494 (1275 826 234 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1489 (228 823 1274 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1488 (229 822 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+1487 (1274 821 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1482 (1 820 1273 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1481 (1273 819 223 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1472 (221 816 1272 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1471 (222 815 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+1470 (1272 814 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1468 (1 813 1271 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1464 (1271 810 216 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1463 (211 808 1270 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1458 (2 809 210 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat  
\+1457 (1270 807 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1447 (203 803 1269 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1444 (204 800 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+1441 (1269 799 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1440 (202 798 1268 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1439 (1268 797 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1434 (197 795 1267 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1429 (2 796 196 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat  
\+1428 (1267 794 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1417 (190 789 1265 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1416 (191 788 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat  
\+1415 (1265 787 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1404 (184 783 1263 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1399 (2 784 183 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \  
      ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat  
\+1398 (1263 780 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  
      ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat  
\+1392 (172 777 1262 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \  
      ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat  
\+1391 (177 775 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \  

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ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1389 (1262 774 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1376 (165 770 1261 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1374 (171 767 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1373 (1261 766 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1363 (159 764 1260 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1362 (160 762 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1360 (1260 761 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1347 (153 755 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1332 (2 753 147 2) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1325 (140 746 1259 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1324 (142 745 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1323 (1259 744 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1314 (1 743 129 1) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=1.1088e-12 ps=8.4e-07 pd=3e-06 m=1 region=sat
\+1309 (134 740 1258 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1308 (129 739 1 1) PMOS w=1.68e-06 l=2.4e-07 as=6.552e-13 \
ad=7.056e-13 ps=7.8e-07 pd=8.4e-07 m=1 region=sat
\+1307 (135 738 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1306 (1258 737 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1305 (1 736 129 1) PMOS w=1.68e-06 l=2.4e-07 as=7.56e-13 \
ad=6.552e-13 ps=9e-07 pd=7.8e-07 m=1 region=sat
\+1300 (129 733 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.56e-13 ps=3e-06 pd=9e-07 m=1 region=sat
\+1295 (1 732 1257 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1294 (124 731 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1293 (1257 730 123 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1282 (116 726 1256 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1277 (117 722 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1276 (1256 721 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1265 (110 717 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1260 (109 716 1255 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1259 (1255 715 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1253 (103 711 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1251 (98 710 1254 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1246 (1254 708 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
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\+1237 (97 705 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1235 (91 704 1253 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1229 (1253 700 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1228 (90 698 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1223 (84 697 1252 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1217 (1252 696 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1211 (83 690 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1200 (74 689 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1191 (1 688 1250 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1189 (1250 685 73 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1182 (59 680 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1178 (1 679 58 1) PMOS w=1.68e-06 l=2.4e-07 as=7.056e-13 \
ad=1.008e-12 ps=8.4e-07 pd=2.88e-06 m=1 region=sat
\+1168 (58 678 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=7.056e-13 ps=3e-06 pd=8.4e-07 m=1 region=sat
\+1163 (48 675 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1158 (38 674 1248 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1153 (39 671 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1152 (1248 672 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1147 (33 670 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1146 (23 669 1247 1) PMOS w=1.68e-06 l=2.4e-07 as=4.032e-13 \
ad=1.1088e-12 ps=4.8e-07 pd=3e-06 m=1 region=sat
\+1137 (24 668 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1136 (1247 667 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=4.032e-13 ps=3e-06 pd=4.8e-07 m=1 region=sat
\+1127 (22 666 2 2) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1118 (13 660 1 1) PMOS w=1.68e-06 l=2.4e-07 as=1.1088e-12 \
ad=1.008e-12 ps=3e-06 pd=2.88e-06 m=1 region=sat
\+1117 (1 663 12 1) PMOS w=1.68e-06 l=2.4e-07 as=1.008e-12 \
ad=1.1088e-12 ps=2.88e-06 pd=3e-06 m=1 region=sat
\+1821 (1 917 426 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1816 (426 916 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1810 (1 913 420 1) PMOS w=3.36e-06 l=2.4e-07 as=1.2096e-12 \
ad=2.016e-12 ps=7.2e-07 pd=4.56e-06 m=1 region=sat
\+1808 (420 913 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.2096e-12 ps=4.68e-06 pd=7.2e-07 m=1 region=sat
\+1803 (1 911 414 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1802 (414 910 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1801 (402 906 1291 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1795 (1291 905 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
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ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1790 (1 908 403 1) PMOS w=3.36e-06 l=2.4e-07 as=1.2096e-12 \
ad=2.2176e-12 ps=7.2e-07 pd=4.68e-06 m=1 region=sat
\+1784 (402 906 1289 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1782 (403 908 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=1.2096e-12 ps=4.56e-06 pd=7.2e-07 m=1 region=sat
\+1781 (1289 905 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1775 (1 902 397 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1773 (1 900 391 1) PMOS w=3.36e-06 l=2.4e-07 as=1.2096e-12 \
ad=2.016e-12 ps=7.2e-07 pd=4.56e-06 m=1 region=sat
\+1772 (397 901 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1767 (391 900 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.2096e-12 ps=4.68e-06 pd=7.2e-07 m=1 region=sat
\+1755 (367 889 1286 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1749 (1286 888 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1736 (367 889 1284 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1727 (1284 888 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1721 (1 886 365 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1712 (365 884 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1707 (1 882 356 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1698 (356 880 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1688 (1 881 346 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=2.2176e-12 ps=4.56e-06 pd=4.68e-06 m=1 region=sat
\+1678 (1 878 336 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=2.2176e-12 ps=4.56e-06 pd=4.68e-06 m=1 region=sat
\+1669 (1 876 335 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=2.2176e-12 ps=4.56e-06 pd=4.68e-06 m=1 region=sat
\+1659 (1 868 325 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.2176e-12 ps=8.4e-07 pd=4.68e-06 m=1 region=sat
\+1650 (325 865 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=1.4112e-12 ps=4.56e-06 pd=8.4e-07 m=1 region=sat
\+1452 (209 804 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=2.016e-12 ps=4.68e-06 pd=4.56e-06 m=1 region=sat
\+1423 (1 786 1266 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1422 (1266 785 185 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1410 (1 786 1264 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1409 (1264 785 185 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1393 (1 776 178 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1390 (178 773 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1375 (1 765 166 1) PMOS w=3.36e-06 l=2.4e-07 as=1.2096e-12 \
ad=2.016e-12 ps=7.2e-07 pd=4.56e-06 m=1 region=sat
\+1368 (166 765 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.2096e-12 ps=4.68e-06 pd=7.2e-07 m=1 region=sat
\+1361 (1 763 158 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=2.2176e-12 ps=4.56e-06 pd=4.68e-06 m=1 region=sat
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\+1346 (1 756 148 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.2176e-12 ps=8.4e-07 pd=4.68e-06 m=1 region=sat
\+1345 (148 754 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=1.4112e-12 ps=4.56e-06 pd=8.4e-07 m=1 region=sat
\+1331 (1 750 141 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.2176e-12 ps=8.4e-07 pd=4.68e-06 m=1 region=sat
\+1326 (141 747 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.016e-12 \
ad=1.4112e-12 ps=4.56e-06 pd=8.4e-07 m=1 region=sat
\+1288 (1 727 122 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1283 (122 725 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1275 (1 720 111 1) PMOS w=3.36e-06 l=2.4e-07 as=1.2096e-12 \
ad=2.016e-12 ps=7.2e-07 pd=4.56e-06 m=1 region=sat
\+1270 (111 720 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.2096e-12 ps=4.68e-06 pd=7.2e-07 m=1 region=sat
\+1254 (1 712 104 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1252 (104 709 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1236 (1 703 96 1) PMOS w=3.36e-06 l=2.4e-07 as=1.4112e-12 \
ad=2.016e-12 ps=8.4e-07 pd=4.56e-06 m=1 region=sat
\+1230 (96 699 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.4112e-12 ps=4.68e-06 pd=8.4e-07 m=1 region=sat
\+1222 (1 695 85 1) PMOS w=3.36e-06 l=2.4e-07 as=1.2096e-12 \
ad=2.016e-12 ps=7.2e-07 pd=4.56e-06 m=1 region=sat
\+1216 (85 695 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=1.2096e-12 ps=4.68e-06 pd=7.2e-07 m=1 region=sat
\+1206 (68 684 1251 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1205 (1251 681 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1190 (68 684 1249 1) PMOS w=3.36e-06 l=2.4e-07 as=8.064e-13 \
ad=2.2176e-12 ps=4.8e-07 pd=4.68e-06 m=1 region=sat
\+1188 (1249 681 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=8.064e-13 ps=4.68e-06 pd=4.8e-07 m=1 region=sat
\+1169 (53 677 1 1) PMOS w=3.36e-06 l=2.4e-07 as=2.2176e-12 \
ad=2.016e-12 ps=4.68e-06 pd=4.56e-06 m=1 region=sat
simulatorOptions options psfversion="1.1.0" reltol=1e-3 vabstol=1e-6 \
iabstol=1e-12 temp=27 tnom=27 scalem=1.0 scale=1.0 gmin=1e-12 rforce=1 \
maxnotes=5 maxwarns=5 digits=5 cols=80 pivrel=1e-3 \
sensfile="../psf/sens.output" checklimitdest=psf
modelParameter info what=models where=rawfile
element info what=inst where=rawfile
outputParameter info what=output where=rawfile
designParamVals info what=parameters where=rawfile
primitives info what=primitives where=rawfile
subckts info what=subckts where=rawfile
saveOptions options save=allpub

vcp cp 0 pulse(0 5 0 0ms 0ms 5ms 10ms) *pulse voltage
vdd vdd! 0 5 *DC voltage
vgnd gnd! 0 0 *DC voltage

vregwr reg_wr 0 0
*inputs part ends
.tran lns 20ms *add this command for transition simulation
.option post *generate plot file
.END *end of file
```