



tile area: 32.1x32.8 mm<sup>2</sup>

SiPM area: 16x(5.95x5.85) mm<sup>2</sup>

MEGII (50  $\mu\text{m}$ ) fill factor: 0.6

MEGII PDE: 0.24 at 175 nm in vacuum

Overall Fill Factor (tile&chip): 0.31  
 Overall tile PDE : 0.076