FAST-SETTLING HIGH INPUT DYNAMIC RANGE AUTOMATIC GAIN CONTROL FRONT-END CIRCUIT FOR PARTICLE DETECT

> School: Central China Normal University

TRADITIONAL SIPM READOUT CIRCUITS

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CIRCUIT WE PROPOSED





Current Buffer

 \bigcap



Delay Circuit

Layout of the die

channe

channel2

channel3

channel4



POST-SIMULATION RESULT

Vin D C

