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Some high energy physics application of NDL-SiPM

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The NDL-SiPM is a bulk resistor type SiPM. It is a SiPM with epitaxial quenching resistors (EQR). Now, it is planned to be used in high energy physics. This SiPM was tried to be used in CEPC hadronic calorimeter. Some properties of NDL-SiPM were tested such as PDE, cross talk, light output. The results show that this type SiPM can be one candidate of CEPC calorimeter.

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