

Experience with an industrial vendor in the manufacture of 3D detectors

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The different process stages required to fabricate a 3D detector is described. As a consequence of this a non-standard silicon detector manufacture was identified as a potential vendor. A detailed description of the process flow is presented followed by a discussion of process optimization. The first results of devices from the company are shown and lessons learnt expanded upon. From these results a new process flow has been developed which is shown.

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