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Title: A flexible pressure-sensitive array based on soft substrate

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Highlights

1. A flexible pressure-sensitive array based on soft substrate PET/ITO is designed.
2. The size of the 4×4 pressure-sensitive array is 2.5 cm×2.5 cm×0.8 mm..
3. The array shows giant NPCR effect and high sensitivity and fast response-recovery speed.
4. The designed structure could effectively reduce the complexity of device structure and thus makes it easy to fabricate large-area array.
5. The discrete distribution of the sensing elements and the test circuit make sure that there is no crosstalk among the sensing elements.

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