

# Characterization report for chip SM21A-AUR-R02-L128H2

Chip fabrication date: 2022-June-20

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## 1. Transducer Design

Parameter	Value
#of channels	128
Chip footprint	43 x 11mm
Array footprint	41.009 x 8.086mm
Element spacing (kerf)	5um
Pitch	320um
Cells per element	4 x 141 = 564
Fill Factor	85.5%
Membrane / electrode diameter	58um, 50um
Spacing between cells	8um
Cell-to-cell distance (min / max)	66um / 66um
Electrode interconnection width	20um
Contact pad size	500 x 700um
Etch channel width	6um
Polymer 2 membrane diameter	78um

