**a) Runtime**

Lower is better ↓

Time [s]

- Backend Gen.
- Circuit Gen.
- Transpile
- Repr. Change
- Noise
- Decode

3e5
2e5
1e5
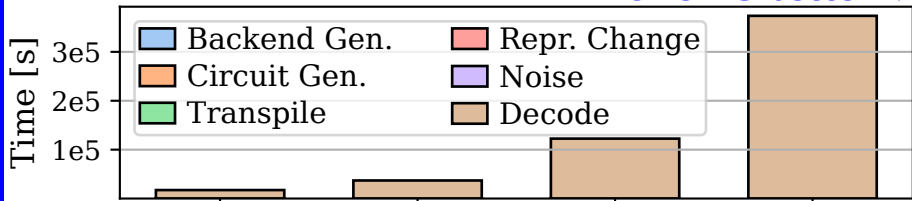
**b) Runtime (w/ decoding)**

Lower is better ↓

Time [s]

20
10
0
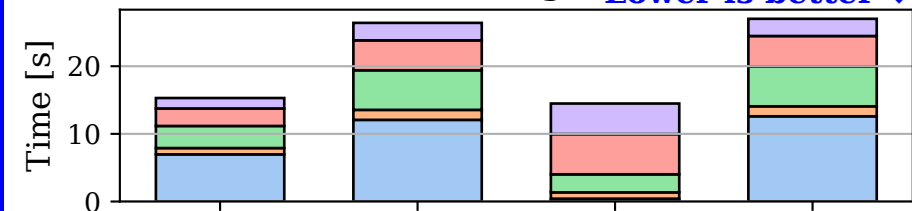
**c) Peak Memory**

Lower is better ↓

Memory [MB]

5e2
0

Baseline | Bigger Backend | Sparser Backend | More Shots