Exercício - Tabela de comparação entre trabalhos

	[1] AI Accelerator With Ultralightweight TimePeriod CNN-Based Model for Arrhythmia Classification	[2] A Neural Network-Based ECG Classification Processor With Exploitation of Heartbeat Similarity	[3] An Efficient Unstructured Sparse Convolutional Neural Network Accelerator for Wearable ECG Classification Device
ML Technique	CNN	CNN	CNN
Tecnology	180nm	40 nm	40 nm
Circuit style			
Resolution	16-bit	8-bit	32-bit
Supply Voltage	1.8V	1.1V	1.1V
Energy Efficiency	0.83 (mJ/classification)	2.78 (µJ/classification)	3.93 (µJ/classification)
Relacionadas a velocidade:			
- Operations/s		7,49 GOPS	271GOP/s/W
- Inferences/s	6.8 ms per classification	1.3 ms per classification	4.6 ms per classification
- Max. Frequency	1MHz	100 MHz	2MHz

[1] LEE, Shuenn-Yuh et al. AI Accelerator with Ultralightweight Time-Period CNN-Based Model for Arrhythmia Classification. **IEEE transactions on biomedical circuits and systems**, 2024.

[2] WU, Jiaquan et al. A neural network-based ECG classification processor with exploitation of heartbeat similarity. **IEEE Access**, v. 7, p. 172774-172782, 2019.

[3] LU, Jiahao et al. An efficient unstructured sparse convolutional neural network accelerator for wearable ECG classification device. **IEEE Transactions on Circuits and Systems I: Regular Papers**, v. 69, n. 11, p. 4572-4582, 2022.

Aluno: Lucas da Silva Alves