

A PRESTIGIOUS ROAD MAP CROSSING PATH WITH IBM AND INTEL !

General Vision Holdings (GVH) has the longest TinyML lineage *for on chip learning*

KNN (5) vs. 1 Million vectors < 100 μ Sec (50 watts @ 10 MHz), CPU/GPU's are far behind (request info/demo!)



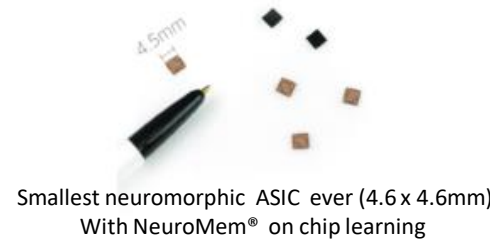
1993 IBM - ZISC36 1 μ m



2007 GV - CM1K 130 nm



2015 - INTEL QuarkSE



2018 NEPES - NM500 110 nm



2023 AlfaPlus - NM5500 55 nm



AX5500 pins spreading board

NM500 & NM5500 NM chips are available for delivery in large quantities, right now !!

NeuroMem® - NEUROmorphic MEMory because "Intelligence is Memory", fastest on chip incremental learning (17 clock cycles constant)
Lowest power (mW) fastest KNN/Radial Basis Function (RBF) of the world proven by multiple commercial ASIC's and FPGA IP (India DRDO)

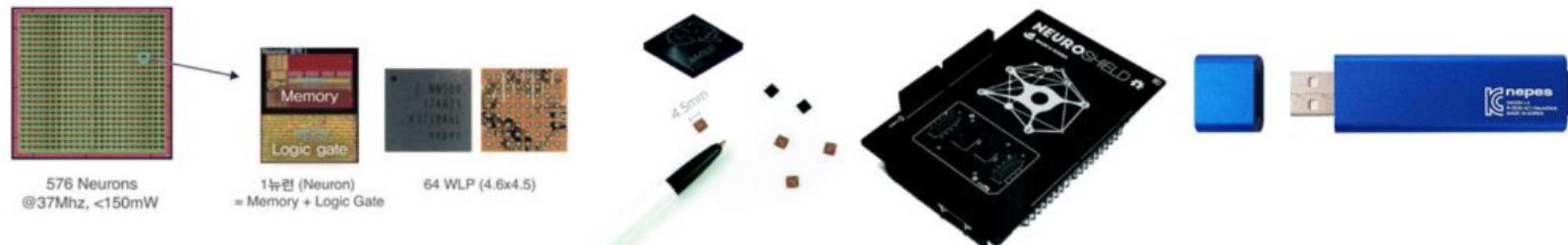
Five original patents granted starting 1994 to IBM/G. Paillet and more after to GVH and many positive reviews by universities.

Thousands of NeuroMem® TinyML chips delivered, many in continuous operation in the industry worldwide for:

Vibro acoustical condition monitoring, cybersecurity (network intrusion), vision inspection and sorting, more in the making...

Evaluation boards : NeuroShield, USB Key (2,304 neurons), open source SDK's and examples (PYNQ, Arduino, Raspberry PI, C, C++, Python)

Soft FPGA NeuroMem® IP (Verilog source and bit file with testbenches) available for AMD Vivado/Vitis, Intel Quartus, Microchip and Lattice



NM500, ANM5500, AX5500, USB stick and tools (SDK, Knowledge Builder's are available in volume, sold & supported by GVH