



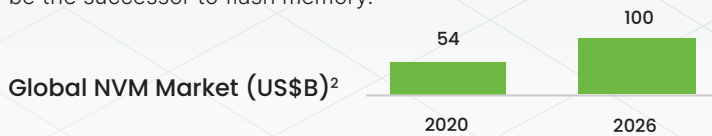
# Memory Technology for a New Era of Connected Devices

Weebit Nano's mission is to create a leap forward in storage and computing capabilities for a new generation of intelligent devices. These devices, from tiny IoT sensors to advanced AI and cloud computing platforms, can address some of the world's largest challenges.

Weebit is delivering a ground-breaking type of Non-Volatile Memory (NVM) technology – a critical component of most electronic devices. The company's Resistive Random Access Memory (ReRAM) delivers a combination of high performance, low power and low cost, not achievable by other NVMs.

## The Opportunity

The NVM market is expected to reach US\$100B by 2026, and ReRAM is expected to take a key part of this market. The industry needs a new solution as flash memory, the incumbent NVM, has cost, scalability, performance and power limitations when it comes to being embedded in next-generation Systems-on-Chips (SoCs). Harnessing its leading technology, deep expertise, and passion for innovation, Weebit is creating NVM technology that is designed to be the successor to flash memory.



## Disrupting Semiconductor Memory: Weebit ReRAM

From the start, Weebit has focused on creating NVM that is not only the best technically, but one that is commercially viable. This philosophy led Weebit to create its ReRAM using only fab-friendly materials and with no requirements for any specialized tools, equipment or processes – enabling manufacturers to quickly reach high yields with minimal investment. Weebit ReRAM is also more environmentally friendly than other NVM since it is fundamentally lower power, requires fewer resources to be manufactured, and it doesn't require rare earth materials, pose any contamination risk, or require dedicated clean room space.



**Founded: 2015**  
HQ in Israel & France



**ASX:WBT**  
Publicly traded on Australian Stock Exchange



**Proven technology**  
Volume production expected 2023



**World-leading team**  
50 personnel<sup>1</sup>  
90% engineers / scientists



**Current business model**  
IP licensing to semiconductor companies & fabs



**Signed 1<sup>st</sup> commercial deal**  
Ongoing discussions with new customers

## The Weebit ReRAM Advantage:

**3-4x**

Lower added wafer cost vs. flash

**>100x**

Better **Endurance** than flash

**~100x**

More **energy efficient** vs. flash

**<40nm**

**Scales** to processes far below limits of flash

**175°C**

**Reliability** for up to 10 years

**~350x**

Better **radiation tolerance** vs. flash

**~100x**

Faster **access time** than flash

**Zero**

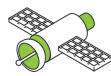
Interference w/ analog & power devices

<sup>1</sup> Includes employees and contractors; <sup>2</sup> Source: MarketsandMarkets; company data

## Applications for Weebit ReRAM



Mixed-signal,  
Analog and  
Power ICs



Aerospace  
and Defense



Edge AI  
Processing



Secure  
Devices



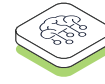
Automotive



IoT Devices



Storage Class  
Memory  
(SCM)



Neuromorphic  
Computing

## Weebit is focused on two main NVM domains:

- **Embedded ReRAM IP** – Customers can embed Weebit's IP in their SoC designs to achieve memory solutions that are significantly faster, less expensive, more reliable, and more energy efficient than those using other NVMs.
- **Stand-Alone Chips** – Weebit's advanced ReRAM-based solution for the discrete (stand-alone) memory chip market is under development, targeting storage class memory (SCM), persistent memory and NOR flash replacement.

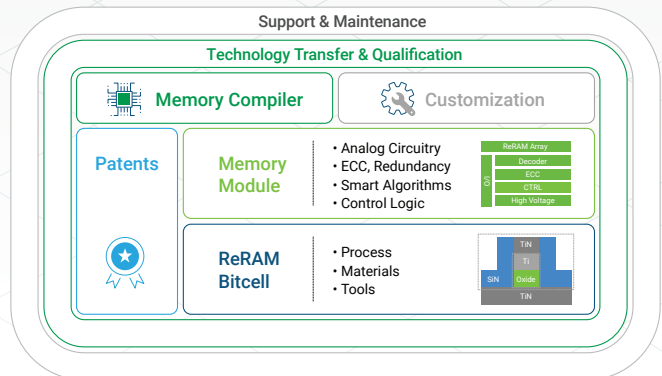
## Strategic R&D Partner



For more than a decade, CEA-Leti, the leading French micro-electronics institute, has been developing advanced memory technologies such as ReRAM cells and back-end-of-line (BEOL) selectors and has a deep understanding in the ReRAM domain.

Since 2017, Weebit has partnered closely with CEA-Leti on collaborative research and development efforts toward ever more robust and resilient memory arrays while supporting key commercialization steps.

## Weebit Delivers Complete Solutions



## World-Renowned Board of Directors; Strong and Experienced Management



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CEO



David (Dadi)  
Perlmutter  
Chairman



Dr. Yoav  
Nissan-Cohen  
Exec Director



Atiq Raza  
Non-Exec  
Director



Ishai Naveh  
CTO



Ilan Sever  
VP R&D



Eran Briman  
VP Marketing &  
Business Dev.



Alla Felder  
CFO

Learn how Weebit ReRAM can make all the difference for your design.