

# CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT

For  $\Phi$ -24 Temporal Resonator GDSII Release

This Agreement is entered into on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by  
and between:

Discloser: Américo Simões (CTT Research)

Recipient: \_\_\_\_\_ (the “Foundry”)

## 1. Definition of Confidential Information

Confidential Information includes, but is not limited to:

- $\Phi$ -24 GDSII layout files and CAD data.
- SPICE models and Molecular Beam Epitaxy (MBE) growth protocols.
- Deterministic Fibonacci growth sequences and layer thickness modulations.
- Prime-Specific Error Correction (P-ECC) algorithms and hardware logic.
- Temporal wedge calibration data and  $\alpha$ -invariant tuning parameters.

## 2. Obligations of Recipient

The Recipient agrees to:

- a. Use Confidential Information exclusively for the purpose of fabrication and technical evaluation.

- b. Limit access only to authorized engineers and staff with a strict “need-to-know.”
- c. Apply security measures equivalent to IP-1 or ITAR standards for high-security intellectual property.
- d. **Strict Prohibition:** Not attempt to reverse-engineer, decompile, or replicate the underlying temporal refraction mechanisms.

### 3. Term and Return of Materials

This Agreement shall remain in effect for a period of ten (10) years from the Effective Date. Upon termination or written request, the Recipient shall destroy all GDSII files and provide a verified Certificate of Destruction.

### 4. Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of California.

#### SIGNATURES:

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Américo Simões, CTT Research

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[Foundry Representative]

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Date: \_\_\_\_\_

[Foundry Name]