

## 1.Features

## 2. Applications

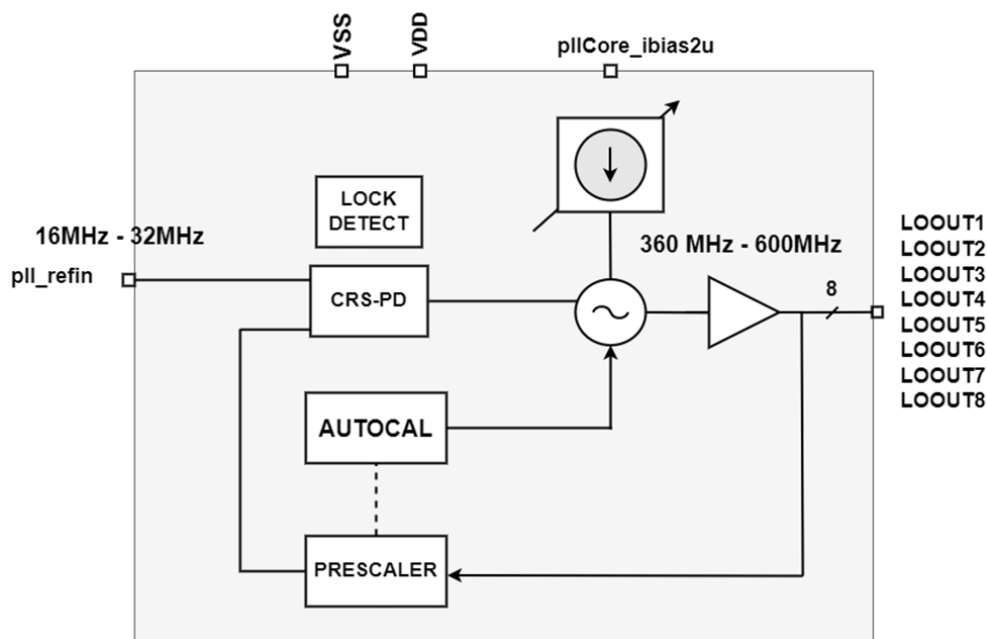
## Low Power Applications

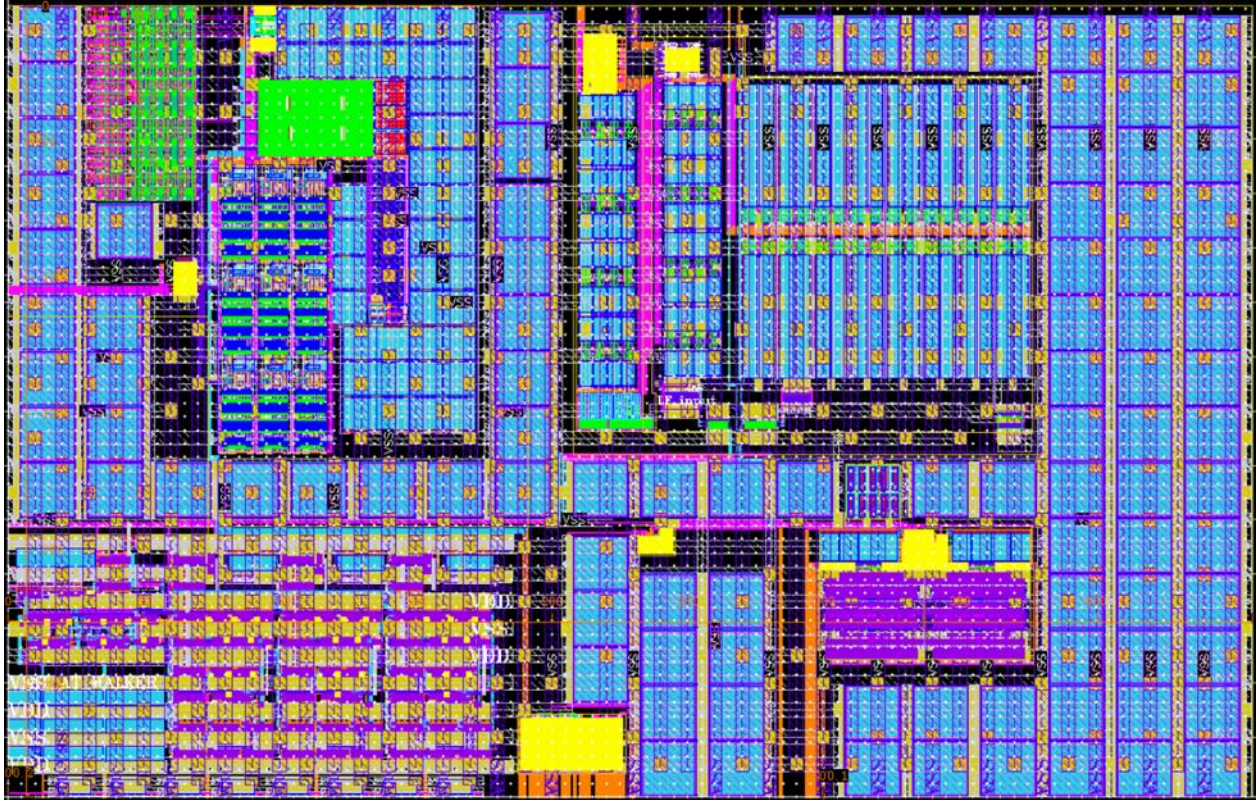
## Mobile Applications

### 3. Description

The WEAPLL400M22 is a low power integer PLL operating at a single 0.8 V power supply. This PLL has a wide programmable frequency range operation operating from 300 MHz up to 600 MHz. The VCO outputs are coming into 8 cascaded phases. The PLL needs a sourcing current of 2 uA in order to operate. In the PLL logic, scan chain has been implemented for complete IP testability'.

### Simplified Schematic





*WEAPLL400M22 Physical Layout*

#### **4.Availability**

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Available on Q1 2025, GF 22FDX, Metal Option 19, Metal Option 120

#### **5.Deliverables**

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GDSII, Database, SystemVerilog Models

#### **Contact us**

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