Fujitsu PLL Frequency Synthesizer IC’s are being got good reputation in customers in the world. They are built in dual modulus prescaler that is adaptable from 50MHz to 3GHz and can make up low noise small input Phase-Locked Loop (PLL) frequency enabling pulse swallowing operation.

**FEATURES**
- Built-in dual modulus prescaler correspond wide frequency from 50MHz to 3GHz
- Prescaler divide ratio: 8/16/32/64/128 (depends on each product)
- Built-in direct power saving function
- Serial input programmable reference counter, swallow counter and programmable counter
- Built-in high-speed tuning, low-noise phase comparator, constant current charge pump circuit
- On-chip phase control for phase comparator
- Built-in digital locking detector circuit to detect PLL locking and unlocking

**Evaluation Tool**
- Software for serial data setting
- Evaluation Board

**Characteristic example of MB15ExxSR series**

**Evaluation boards and software for PLL product are available. Make it easy testing.**

### Single PLL Frequency Synthesizer Product Lineup

MB15EDXL series is long seller products are used in customers in the world.

- **Part number**
- **Input Frequency (MHz)**
- **PLL Type**
- **Divide ratio**
- **Charge pump current (mA)**
- **Power supply voltage (V)**
- **Package**

### Dual PLL Frequency Synthesizer Product Lineup

MB15F63UL is high resolution, high-speed tuning with ΔΣ-Fractional PLL Frequency Synthesizer.

- **Part number**
- **Input Frequency (MHz)**
- **PLL Type**
- **Divide ratio**
- **Charge pump current (mA)**
- **Power supply voltage (V)**
- **Package**