

Features

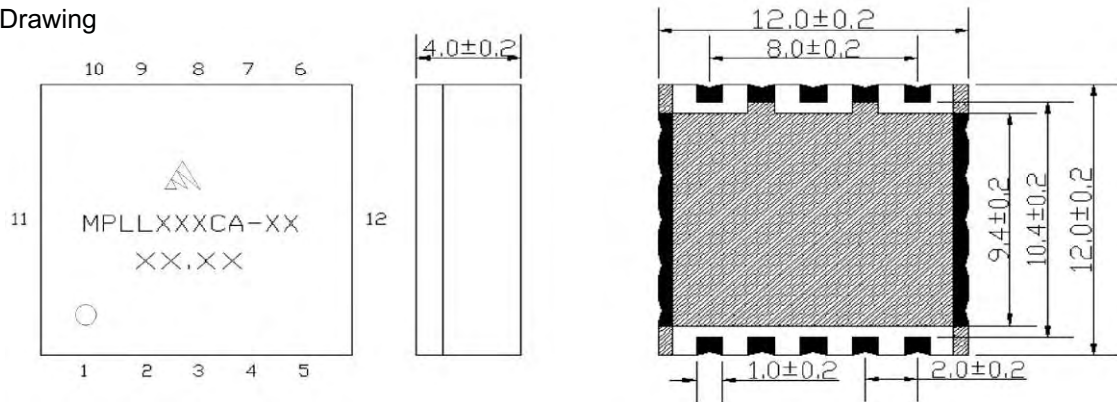
- Small size 12*12*4mm
- Low power supply +5V or +3V
- Frequency 300~500MHz, relative bandwidth up to 20%



| Part number | Frequency MHz | Power output dBm | Step size kHz | Switching time mS | Harmonic output 2nd dBc | Spurious output dBc | Phase noise @10kHz dBc/Hz | Vpll/lpll V/mA | Vvco/lvco V/mA |
|-----------------|---------------|------------------|---------------|-------------------|-------------------------|---------------------|---------------------------|----------------|----------------|
| MPLL385BA-25k | 380-390 | 2±2 | 25 | <20 | -10 | -70 | -110 | +5/8 | +5/15 |
| MPLL810BA-125k | 790-830 | 2±2 | 125 | <10 | -12 | -70 | -108 | +5/8 | +5/15 |
| MPLL1200CA-50k | 1170-1230 | 0±2 | 50 | <15 | -12 | -70 | -105 | +3/10 | +3/10 |
| MPLL1550CA-200k | 1510-1590 | 1±2 | 200 | <5 | -12 | -70 | -103 | +5/12 | +5/15 |
| MPLL2386CA-250k | 2346-2426 | 1±2 | 250 | <5 | -15 | -70 | -98 | +5/12 | +5/20 |
| MPLL3250CA-100k | 3200-3300 | 0±2 | 100 | <15 | -15 | -70 | -93 | +5/12 | +5/20 |
| MPLL4300EA-125k | 4275-4325 | 0±2 | 125 | <15 | -15 | -70 | -90 | +3/15 | +3/20 |
| MPLL4910EA-500k | 4880-4940 | 0±2 | 500 | <5 | -15 | -70 | -90 | +3/15 | +5/25 |

Package information

- Outline Drawing



- Pin functions

| Pin No. | Function | Pin No. | Function |
|---------|----------|---------|----------|
| 1 | REFin | 6 | RF OUT |
| 2 | Clock | 8 | Vvco |
| 3 | LD | 10 | Vpll |
| 4 | LE | Others | GND |
| 5 | Data | | |