

Features

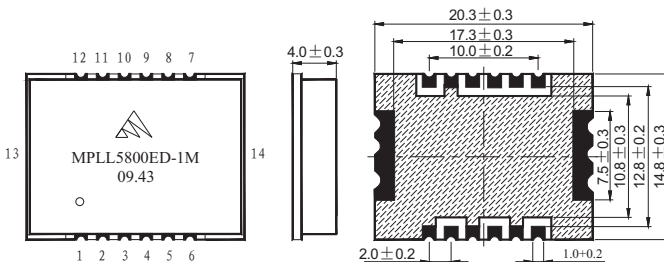
- Small size 20*15*4mm
- Low power supply +5V
- Frequency range 10~7500MHz
- Dual fixed frequency output available, TTL control



| Part number | Frequency output MHz | Power output dBm | Harmonic output 2nd dBc | Spurious output dBc | Phase noise @10kHz dBc/Hz | Vpll/lpll V/mA | Vvco/lvco V/mA |
|--------------------|----------------------|------------------|-------------------------|---------------------|---------------------------|----------------|----------------|
| MPS20.16D-12M | 20.16 | 2±1.5 | -15 | <-80 | -115 | +5/10 | +5/15 |
| MPS80D-20M | 80 | 2±1.5 | -15 | <-80 | -130 | +5/10 | +5/15 |
| MPS100D-20M | 100 | 2±1.5 | -15 | <-80 | -125 | +5/10 | +5/15 |
| MPS140D-20M | 140 | 2±1.5 | -15 | <-80 | -125 | +5/10 | +5/15 |
| MPS150D-20M | 150 | 2±1.5 | -15 | <-80 | -125 | +5/10 | +5/15 |
| MPS290D-20M | 290 | 2±1.5 | -15 | <-80 | -118 | +5/15 | +5/15 |
| MPS406D-10M | 406 | 2±1.5 | -15 | <-80 | -112 | +5/15 | +5/20 |
| MPS760D-10M | 760 | 2±1.5 | -15 | <-80 | -112 | +5/15 | +5/20 |
| MPS830D-10M | 830 | 2±1.5 | -15 | <-80 | -113 | +5/15 | +5/20 |
| MPS1000D-60M | 1000 | 2±1.5 | -20 | <-80 | -110 | +5/15 | +5/20 |
| MPS1575.42D-10.23M | 1575.42 | 2±1.5 | -20 | <-80 | -105 | +5/15 | +5/28 |
| MPS2000D-100M | 2000 | 2±1.5 | -20 | <-80 | -103 | +5/15 | +5/28 |
| MPS2260D-80M | 2260 | 2±1.5 | -25 | <-80 | -102 | +5/15 | +5/28 |
| MPS2246.508D-15M | 2246.508 | 2±1.5 | -25 | <-80 | -98 | +5/15 | +5/28 |
| MPS2565.648D-15M | 2565.648 | 2±1.5 | -25 | <-80 | -98 | +5/15 | +5/28 |
| MPS2810D-20M | 2810 | 2±1.5 | -25 | <-80 | -95 | +5/20 | +5/28 |
| MPS3150D-20M | 3150 | 2±1.5 | -25 | <-75 | -95 | +5/20 | +5/28 |
| MPS3330D-100M | 3330 | 2±1.5 | -25 | <-75 | -95 | +5/20 | +5/30 |
| MPS3500D-100M | 3500 | 2±1.5 | -25 | <-75 | -95 | +5/20 | +5/30 |
| MPS4100D-100M | 4100 | 0±1.5 | -25 | <-75 | -92 | +5/20 | +5/35 |
| MPS4800D-100M | 4800 | 0±1.5 | -25 | <-75 | -90 | +5/20 | +5/35 |
| MPS5220D-100M | 5220 | 0±1.5 | -25 | <-70 | -90 | +5/20 | +5/35 |
| MPS5600D-100M | 5600 | 0±1.5 | -25 | <-70 | -90 | +5/20 | +5/35 |
| MPS7200D-100M | 7200 | 0±1.5 | -25 | <-70 | -85 | +5/20 | +5/35 |

Package information

- Outline Drawing



- Pin functions

| Pin No. | Function | Pin No. | Function |
|---------|----------|---------|----------|
| 1 | Vpll | 7 | RFout |
| 3 | REFin | 9 | LD |
| 5 | Vvco | Others | GND |