YIG Filters & Oscillators

**Advanced YIG Filters**
- **Standard Band YIG Tuned Band-Stop Filters**
  - Frequency coverage of 0.5 to 18 GHz
  - Excellent tuning linearity
  - Low loss and high stop
  - Wide operating temperature range
  - Digital or analog continuous tuning control

- **High Sweeping YIG Tuned Bandpass Filters**
  - Broad frequency coverage
  - High tuning speed up to 80 μs / GHz
  - Excellent tuning linearity;
  - High sideband rejection;
  - Wide operating temperature range;
  - Digital or analog continuous tuning control

- **Low Harmonic YIG Tuned Oscillators**
  - Excellent frequency spectrum;
  - Integrated YTF frequency selective low harmonic output
  - YTO/YTF
  - Wide operating temperature range

- **Ultrabroad Band YIG Tuned Oscillators**
  - Frequency coverage of 2 to 20 GHz;
  - Linearity up to ±0.1% to ±0.25%;
  - Excellent frequency spectrum;
  - Wide operating temperature range

- **YIG Tuned Bandpass Tracking Filters**
  - Broad frequency coverage;
  - Linear continuous tracking of main channel and tracking channel;
  - Excellent tuning linearity;
  - High sideband rejection;
  - Wide operating temperature range;
  - Digital or analog continuous tuning control

**Miniature YIG Tuned Bandpass Filters**
- Broad frequency coverage of 1 to 8 GHz;
- Compact and low energy-consuming;
- Excellent tuning linearity;
- High out-of-band rejection;
- Wide operating temperature range;
- Digital or analog continuous tuning control

**Advanced Ultra Broad-band YIG Oscillators**
- 2 to 8 GHz; 2 to 10 GHz; 4 to 18 GHz;
- 2 to 18 GHz, and 2 to 20 GHz…
- Single and dual out puts (<18GHz)
- 10dBm typical outputs (<18GHz)
- Custom models in reasonable volume
- Analog voltage driver available
- Digital driver available

**YIG Filters and Oscillators**
Specifications may be subject to change

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