

3.3V Ultra Miniature SMD HCMOS TCXO/VCTCXO



Model: FOX924 SERIES

RoHS Compliant / Pb Free

Rev. 5/8/2007

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FEATURES

- 3.3V Operation
- 1.5mm Height Max
- HCMOS Output
- Low Cost
- Tape and Reel (2,000 pcs. STD)

OPTIONS

- Voltage Control (FOX924E)

• PART NUMBER SELECTION [Learn More - Internet Required](#)

| Part Number | Model Number | Frequency Stability | Operating Temperature(°C) | Frequency Range (MHz) |
|---------------------|--------------|---------------------|---------------------------|-----------------------|
| 718-Frequency-xxxxx | FOX924B | See table | -30 ~ +85 | 10.000~30.000 |
| 719-Frequency-xxxxx | FOX924E | See table | -30 ~ +85 | 10.000~30.000 |

• ELECTRICAL CHARACTERISTICS

| PARAMETERS | MAX (unless otherwise noted) |
|--|------------------------------|
| Frequency Range (Fo) | 10.000 ~ 30.000 MHz |
| Temperature Range | |
| Operating (TOPR) | -30°C ~ +85°C |
| Storage (TSTG) | -40°C ~ +85°C |
| Supply Voltage (VDD) | 3.3V ± 5% |
| Input Current (IDD) | 6.0mA |
| Initial Frequency Tolerance @ 25°C (after 2 reflows) | ±1.5PPM |
| Frequency Stability | |
| Over Temperature Range | ±2.5PPM |
| Over Supply Voltage Change (3.3V ± 5%) | ±0.3PPM |
| Output Voltage (HCMOS) (VOL) | 0.5V |
| (VOH) | 80% VDD Min |
| Output Load | 15pF |
| Aging per year | ±1.0PPM |
| Startup Time (Ts) | 5mS Max |
| Pullability (Vc = 1.65 ± 1.5V) | ±5.0 ~ ±15.0 PPM |

All specifications subject to change without notice.



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| • TAPE SPECIFICATIONS (millimeters) | | | | | | | |
|-------------------------------------|------|-----|-----|-----|------|-----|--------------|
| MODEL | A | B | C | D | E | F | STD Reel QTY |
| FOX924 | ∅1.5 | 4.0 | 8.0 | 5.5 | 12.0 | 1.7 | 2,000 |

| • REEL SPECIFICATIONS (millimeters) | | | | | | | |
|-------------------------------------|-----|-----|-----|-----|------|------|-----|
| MODEL | G | H | I | J | K | L | M |
| FOX924 | 2.0 | ∅13 | ∅21 | ∅80 | ∅254 | 13.5 | 2.0 |

