



# SQXO2ATSM OSCILLATOR

312 kHz to 120 MHz  
Surface Mount Crystal Oscillator

## DESCRIPTION

The SQXO2ATSM oscillator consists of a CMOS-compatible hybrid circuit, hermetically sealed in a industry standard 24-pin ceramic leadless chip carrier.

## FEATURES

- CMOS and TTL compatible
- High frequency (AT)
- Wide temperature range
- Full military testing available
- Hermetically sealed

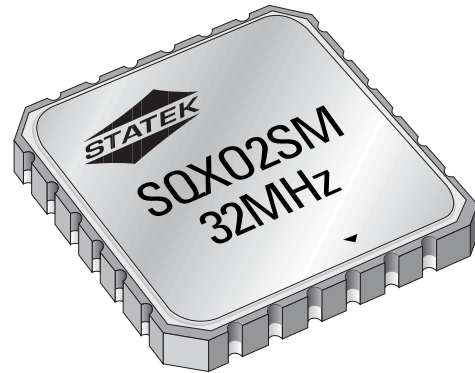
## APPLICATIONS

Industrial, Computer & Communications

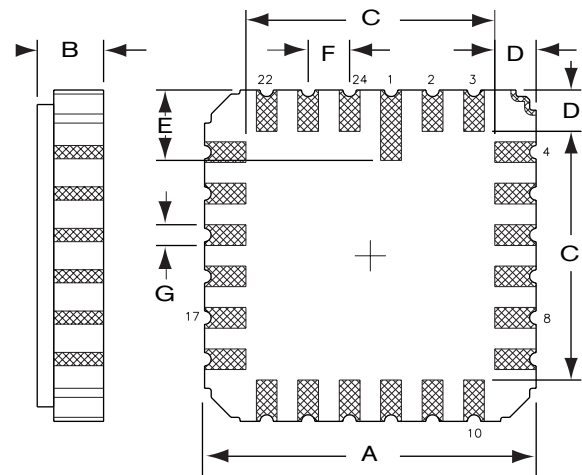
- Rugged Computer

Military & Aerospace

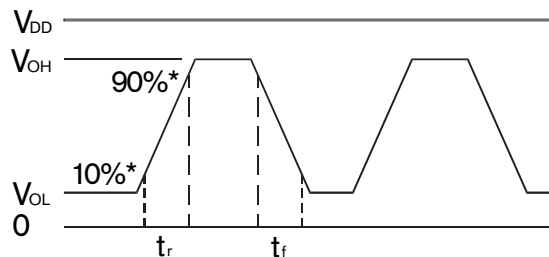
- Intelligent Munitions
- Avionics



## PACKAGE DIMENSIONS



## OUTPUT WAVE FORM



\* Of VDD

| DIM | inches     | mm         |
|-----|------------|------------|
| A   | 0.410 MAX. | 10.16 MAX. |
| B   | 0.080 MAX. | 2.03 MAX.  |
| C   | 0.300 MAX. | 7.62 MAX.  |
| D   | 0.050 TYP. | 1.27 TYP.  |
| E   | 0.085 TYP. | 2.16 TYP.  |
| F   | 0.050 TYP. | 1.27 TYP.  |
| G   | 0.025 TYP. | 0.64 TYP.  |

## PIN CONNECTIONS

| Pin        | Connection                           |
|------------|--------------------------------------|
| 5,6        | V <sub>DD</sub>                      |
| 13,14      | Output                               |
| 19,20      | Output Enable, INH (Tri-State) or NC |
| 23,24      | Ground                               |
| All Others | NC                                   |

