

Applications

RTC Applications, DSC, HDTV, Car Navigation, IoT, etc

**RoHS
Compliant**

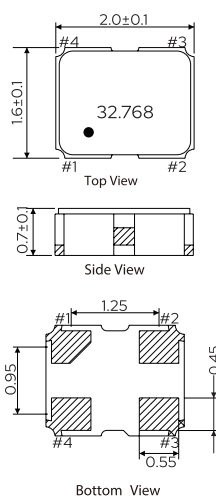
Features

- 2016 size, 0.7mm high
- Operation voltage: 1.8~3.3V
- Built-in ASIC enables reduction of current consumption
- 3-state function available
- Automatic mounting and reflow soldering

Specifications

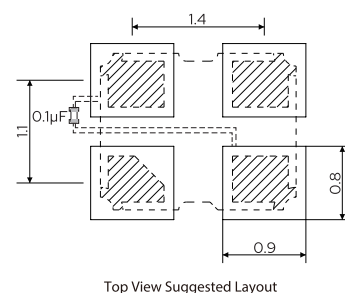
Output Type	: CMOS
Output Load	: 15pF, or specify
Supply Voltage	: 1.8~3.3V
Nominal Frequency	: 32.768kHz
Supply Current	: 70mA Max.
Frequency Stability	: ±20ppm, or specify
Operating Temperature	: -40°C to +85°C, or specify
Storage Temperature	: -55°C to +125°C
Voltage Vol (Max.) /Voh (Min.)	: 0.1Vcc / 0.9Vcc
Rise (Tr) /Fall (Tf) Time	: 50ns Max.
Start-up Time	: 2ms Max.
Duty Cycle	: 45~55%
3-state Voltage Vol (Max.) /Voh (Min.)	: 0.3Vcc / 0.7Vcc

Dimensions



Pin Connections	
Pin No.	Connection
1	OE (Output Enable)
2	GND
3	Output
4	Vcc

Functions	
# 1 input	#3 output condition
H	Oscillation out
Open	Oscillation out
L	High Z



Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

Part Number Table

Description	Part Number
SMD Oscillator, 32.768KHz, 1.8V, 2 × 1.6mm	MPJK-1E-32.768K-1.8-25-C
SMD Oscillator, 32.768KHz, 1.8V, 2 × 1.6mm	MPJK-1E-32.768K-1.8-50-C
SMD Oscillator, 32.768KHz, 3.3V, 2 × 1.6mm	MPJK-1E-32.768K-3.3-25-C
SMD Oscillator, 32.768KHz, 3.3V, 2 × 1.6mm	MPJK-1E-32.768K-3.3-50-C

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