

**RoHS
Compliant**



Applications

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

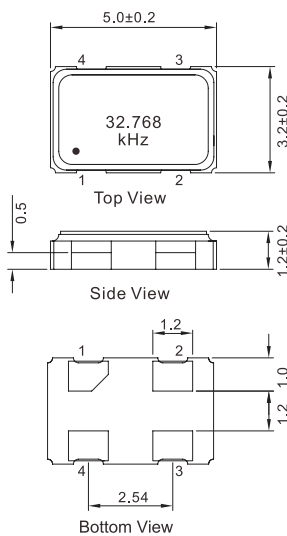
Features

- 5032 size, 1.2mm high 32.768kHz SPXO
- Operation voltage: 1.8V to 3.3V
- Built-in ASIC enables reduction of current consumption
- 3-state function available
- Automatic mounting and reflow soldering

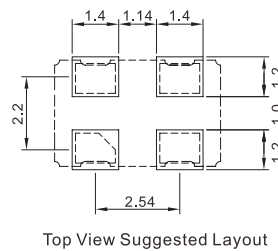
Specifications

Output Type	: CMOS
Output Load	: 15pF, or specify
Supply Voltage	: 1.8 to 3.3V
Nominal Frequency	: 32.768kHz
Supply Current	: 100µA 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.)	: 0.1V _{cc} / 0.9V _{cc}
Rise (Tr) /Fall (Tf) Time	: 12ns Max.
Start-up Time	: 5ms Max.
Duty Cycle	: 45% to 55%
3-state Voltage Vol (Max.) /Voh (Min.)	: 0.3V _{cc} / 0.7V _{cc}
Aging (at 25°C)	: ±3ppm/Year Max.

Dimensions



Pin Functions	
Pin No.	Connection
1	OE
2	GND
3	Output
4	Vcc



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, 5 × 3.2mm	MPJK-5B-32.768K-1.8-25-C
SMD Oscillator, 32.768KHz, 1.8V, 5 × 3.2mm	MPJK-5B-32.768K-1.8-50-C
SMD Oscillator, 32.768KHz, 3.3V, 5 × 3.3mm	MPJK-5B-32.768K-3.3-25-C
SMD Oscillator, 32.768KHz, 3.3V, 5 × 3.3mm	MPJK-5B-32.768K-3.3-50-C

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.