32KHz Tuning Fork



RoHS Compliant



DT3215DB
(3.2 x 1.5mm)



DT2012SB
(2.0 x 1.2mm)



DT1610SB
(1.6 x 1.0mm)

Application

Mobile communication devices, Digital home appliances
Radio clocks, etc.

Features

- **Ultra-miniature and low profile**
- **Reflow compatible**
- **Using Ceramic package for high precision & reliability**

Specification

	Symbol	Specification		
Product Type	-	DT3215DB	DT2012SB	DT1610SB
Nominal Frequency	f_nom	32.768KHz		
Load Capacitance	CL	12.5 /9.0 / 7.0pF		9.0 / 7.0 / 6.0pF
Drive Level	DL	0.2uW (1.0uW max)	0.1uW (0.5uW max)	
Frequency Tolerance	F0	±20ppm @25℃		
Series Resistance	R1	50kΩ max	80kΩ max	
Turnover Temperature	Tp	+25±5℃		
Parabolic Coefficient	K	-0.04ppm/℃² max		
Shunt Capacitance	C0	1.3pF typ.		
Operating Temp. Range	T_use	-40 to +85℃		
Storage Temp. Range	T_stg	-40 to +85℃		

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