

# DSC612PI3A-010T

#### **Two-Output Low Power MEMS Clock Generator**

### **General Description**

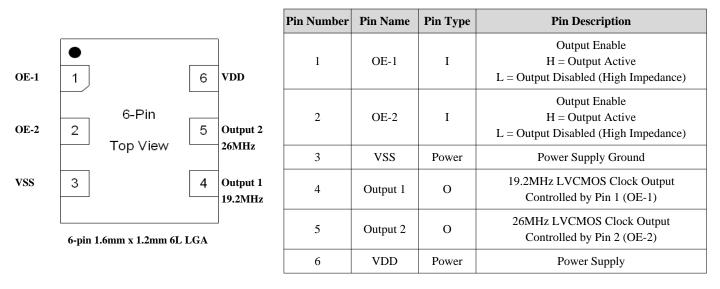
The DSC612PI3A-010T is a two-output low power MEMS clock generator.

The MEMS based clock generator eliminates the need of external crystal or reference clock.

Refer to DSC612 master data sheet to read full descriptions.

#### Features

- Two LVCMOS clock outputs: 19.2MHz, 26MHz
- Ultra-small package size: 1.6mm x 1.2mm 6L LGA
- High stability: ±20ppm
- Temperature range: -40°C to +85°C
- Low power consumption: ~5mA (both outputs active)
- Wide supply voltage range: 1.71V -3.63V VDD
- Excellent shock and vibration immunity
- High reliability
- Lead free and RoHS compliant
- AEC-Q100 automotive grade available



### **Pin Configuration and Description**

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Revision 1.0 tcghelp@microchip.com

## **Ordering Information**

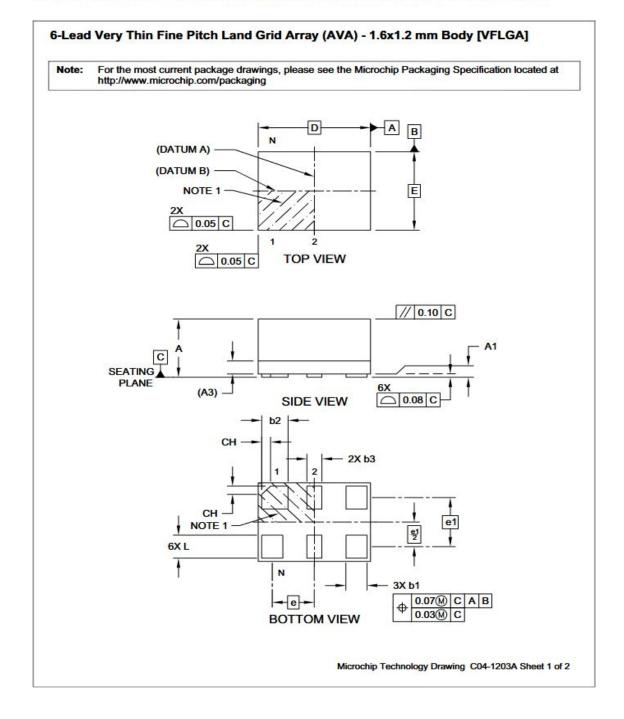
Ordering Part Number	Temperature Range	High Stability	Shipping	Package
DSC612PI3A-010T	-40°C to +85°C	±20ppm	Bag	1.6mm x 1.2mm 6L LGA
DSC612PI3A-010TT	-40°C to +85°C	±20ppm	Tape and Reel	1.6mm x 1.2mm 6L LGA

Devices are Green and RoHS compliant. Sample material may have only a partial top mark.

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#### 6-Lead 1.6 mm x 1.2 mm VFLGA Package Outline and Recommended Land Pattern

