# MICROCHIP

## DSC613PI3A-0105

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

#### **General Description**

The DSC613PI3A-0105 is a three-output low power MEMS clock generator.

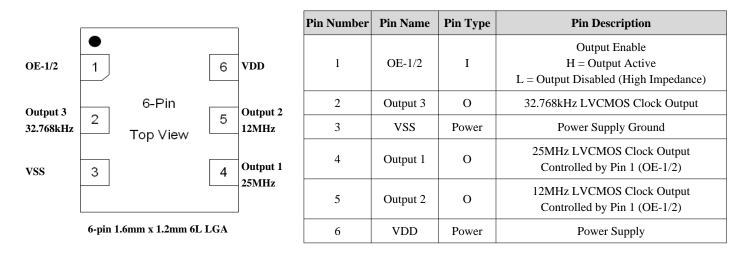
The MEMS based clock generator eliminates the need of external crystal or reference clock.

Refer to DSC613 master data sheet to read full descriptions.

#### Features

- Three LVCMOS clock outputs: 25MHz, 12MHz, 32.768kHz
- Ultra-small package size: 1.6mm x 1.2mm 6L LGA
- High stability: ±20ppm
- Temperature range: -40°C to +85°C
- Low power consumption: ~5.2mA (all 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**

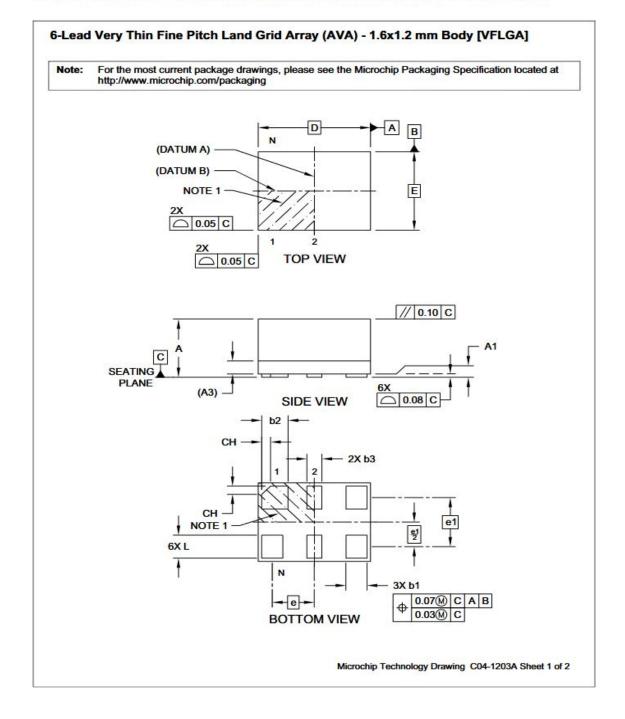
Ordering Part Number	Temperature Range	High Stability	Shipping	Package
DSC613PI3A-0105	-40°C to +85°C	±20ppm	Bag	1.6mm x 1.2mm 6L LGA
DSC613PI3A-0105T	-40°C to +85°C	±20ppm	Tape and Reel	1.6mm x 1.2mm 6L LGA

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

