MICROCHIP

DSC613PI3A-0105

Three-Output Low Power MEMS Clock Generator

General Description

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

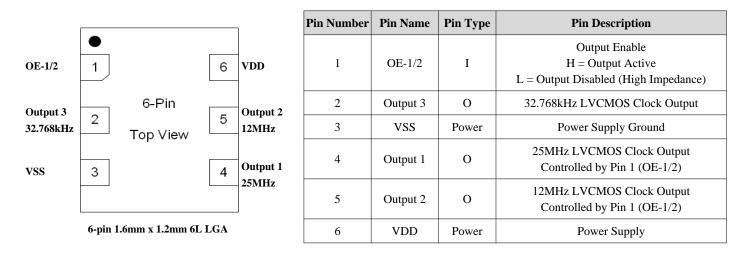
The MEMS based clock generator eliminates the need of external crystal or reference clock.

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

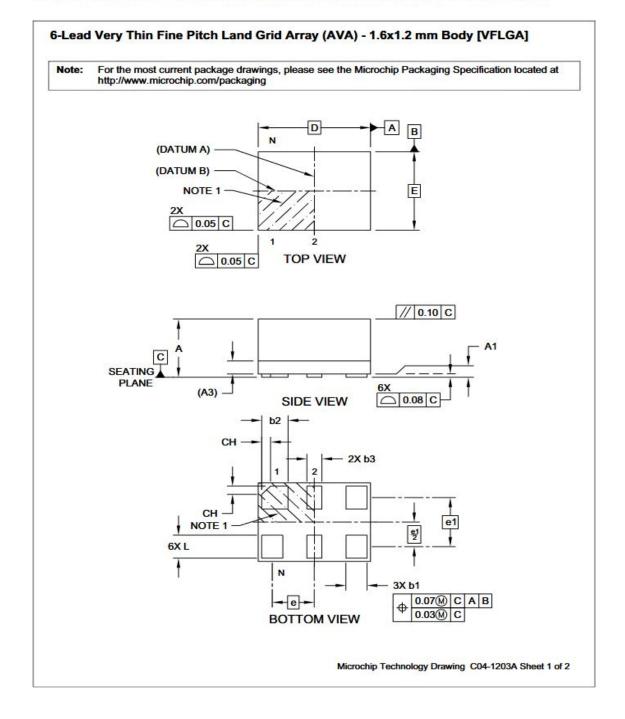
Ordering Part Number	Temperature Range	High Stability	Shipping	Package
DSC613PI3A-0105	-40°C to +85°C	±20ppm	Bag	1.6mm x 1.2mm 6L LGA
DSC613PI3A-0105T	-40°C to +85°C	±20ppm	Tape and Reel	1.6mm x 1.2mm 6L LGA

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

