MICROCHIP

DSC613RI3A-012W

Three-Output Low Power MEMS Clock Generator

General Description

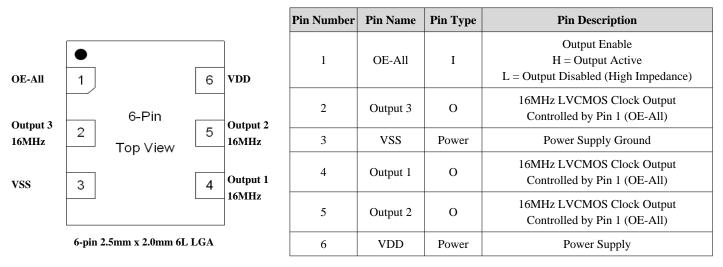
The DSC613RI3A-012W is a three-output low power MEMS clock generator.

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: 16MHz, 16MHz, 16MHz
- Ultra-small package size: 2.5mm x 2.0mm 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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Microchip Technology Inc.

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Revision 1.0 tcghelp@microchip.com

Ordering Information

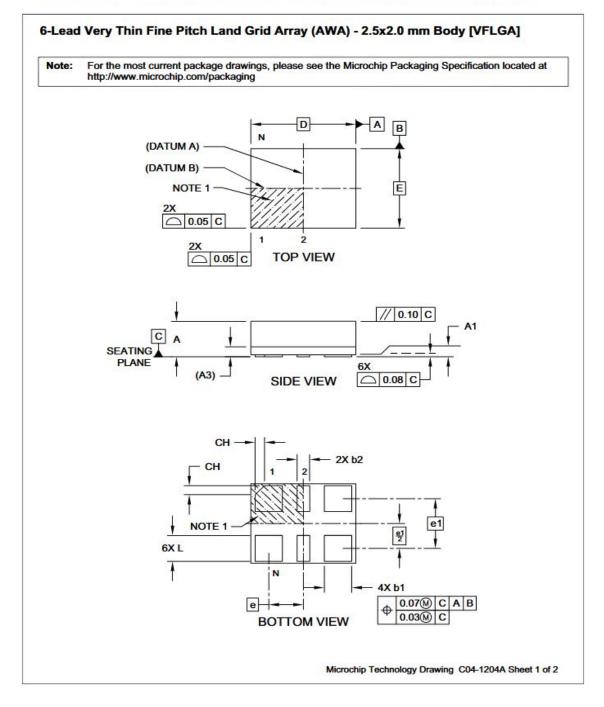
Ordering Part Number	Temperature Range	High Stability	Shipping	Package
DSC613RI3A-012W	-40° C to $+85^{\circ}$ C	±20ppm	Tube	2.5mm x 2.0mm 6L LGA
DSC613RI3A-012WT	-40°C to +85°C	±20ppm	Tape and Reel	2.5mm x 2.0mm 6L LGA

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

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6-Lead 2.5 mm x 2.0 mm VFLGA Package Outline and Recommended Land Pattern

