

Product Overview

PCS3P8504A: General Purpose Peak EMI Reduction IC

For complete documentation, see the data sheet.

PCS3P8504A is a versatile, 3.3 V/2.5 V Peak EMI reduction IC. PCS3P8504A accepts an input clock either from a fundamental Crystal or from an external reference (AC or DC coupled to XIN / CLKIN) and locks on to it delivering a 1x modulated clock output. PCS3P8504A has a SSON pin for enabling and disabling Spread Spectrum function. PCS3P8504A has an SSEXTR pin to select different deviations depending upon the value of an external resistor connected between SSEXTR and GND. Modulation Rate (MR) control selects one of the two different Modulation Rates.

Features

- 1x, LVCMOS Peak EMI reduction
- Analog Deviation selection
- ModRate selection option

Applications

- Consumer electronics

End Products

- DPF, MFP

Part Electrical Specifications

Product	Compliance	Status	V _{DD} Typ (V)	f _{in} Typ (MHz)	f _{out} Typ (MHz)	Deviation Type	Features	T _A Min (°C)	T _A Max (°C)	Package Type
PCS3P8504AG-08CR	Pb-free Halide free	Active	3.3	15-50	15-50	Analog	MR Selection	0	70	WDFN-8

For more information please contact your local sales support at www.onsemi.com.

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