

CPPYC series

- Rapid Sample Turnaround
- Flexible Frequency
- Diverse Package Options

Cardinal CPPYC Programmable Oscillators Series: Flexible Frequency with Rapid Delivery

The Cardinal CPPYC programmable oscillator series provides engineers with a flexible, high-performance timing solution designed to support rapid development cycles and demanding system requirements.

Product Series Line Up

Product Series	Output Logic	Frequency Range	I _{dd max} (mA)	VDD (V)	Integrated Phase Jitter (typ)	Package Size (mm)
CPPYC2	LVC MOS	1.0 to 160MHz	1.8V: 25mA 2.5V: 35mA 3.3V: 40mA	1.8V* 2.5V 3.3V	1.0ps	2.0 x 1.6
CPPYC25	LVC MOS	1.0 to 160MHz	1.8V: 25mA 2.5V: 35mA 3.3V: 40mA	1.8V* 2.5V 3.3V	1.0ps	2.5 x 2.0
CPPYC3	LVC MOS	1.0 to 160MHz	1.8V: 25mA 2.5V: 35mA 3.3V: 40mA	1.8V* 2.5V 3.3V	1.0ps	3.2 x 2.5
CPPYC5	LVC MOS	1.0 to 160MHz	1.8V: 25mA 2.5V: 35mA 3.3V: 40mA	1.8V* 2.5V 3.3V	1.0ps	5.0 x 3.2
CPPYC7	LVC MOS	1.0 to 160MHz	1.8V: 25mA 2.5V: 35mA 3.3V: 40mA	1.8V* 2.5V 3.3V	1.0ps	7.0 x 5.0
CPPYC4	LVC MOS	1.0 to 160MHz	1.8V: 25mA 2.5V: 35mA 3.3V: 40mA	1.8V* 2.5V 3.3V	1.0ps	13.2 x 13.2 (PTH)

*Note: 125MHz is the max frequency limit for 1.8V operation

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