

Foc + Sum

Ti C2000

Control suit software \rightarrow x
C2000ware \rightarrow included } provide libraries
C55 to programme \rightarrow IDE to programme } free
(code composer studio)

32 bit

bm3320f280049 \rightarrow mid range (6.94\$)

100 MHz

temp \rightarrow -40 125

256 kb flash

100 kb ram

tm3320f28379DPTPQ \rightarrow (22.533\$)

800 MIPS

1024 kb flash

dual core

2 programmable control law accelerators
(execute code independently from main cpu)

172 kb ram

USB 2.0 supported

② NXP kinetics

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MCUXpresso software → IDE free
config tools free

third party tools can have licences

KU4x → (2.71 - 3.43 \$)

32 kb of ram

16 kHz

ADC sample rate → 4.1 Msps

MXRT1020

→ 4.34 \$

500 MHz

256 kb memory

wide range of interfaces

latency response ~ 20 ns

external memory interface options.

wireless connectivity

low cost PCB

(CAD models available)

