

# XMC™

## Application Match



**XMC4000**  
ARM® Cortex® M4F  
up to 144MHz core  
64KB - 2MB Flash

**XMC4100**  
Basic control & connectivity  
VQFN-48 / LQFP-64  
up to 125°C

**XMC4500**  
UPS, Solar  
3-level Inverter  
LQFP-100, -144 / LFBGA-144  
up to 125°C

**XMC4700**  
Industrial Drives  
LQFP-100, -144 / LFBGA-196  
up to 125°C

**XMC4800,  
XMC4300**  
EtherCAT, Multi CAN 6 nodes,  
Industrial Drives  
LQFP-100, -144 /  
LFBGA-196  
up to 125°C

**XMC4200**  
Server power supplies, 150ps  
HRPWM  
LQFP-64, -100  
up to 125°C

**XMC4400,  
XMC4500**  
Industrial Drives, Hall & Encoder  
I/F, ΔΣ Demodulator  
LQFP-64, -100, 144 / LFBGA-  
144  
up to 125°C

**XMC4500**  
MultiCAN 3 nodes, external  
Memory, Ethernet, SD/MMC,  
Industrial Drives  
LQFP-100, -144 / LFBGA-144  
up to 125°C

**XMC1000**  
ARM® Cortex® M0  
up to 48MHz core /  
96MHz peripheral  
8 - 200KB Flash

**XMC1100**  
Basic control & connectivity  
TSSOP-16, 38 / VQFN-24, -40  
up to 105°C

**XMC1400**  
Flicker-free dimming, SMPS  
control, dual channel,  
connectivity  
VQFN-40, -64 / LQFP-64  
up to 105°C

**XMC1400**  
SMPS control, dual channel,  
connectivity  
VQFN-40, -64 / LQFP-64  
up to 105°C

**XMC1400**  
Motor control, Hall & Encoder  
I/F, Co-processor  
VQFN-40, -64 / LQFP-64  
up to 105°C

**XMC1400**  
MultiCAN 2 nodes  
VQFN-48, -64 / LQFP-64  
up to 105°C

**XMC1200,  
XMC1300**  
Flicker-free dimming, SMPS  
control, connectivity  
TSSOP-16, 28, 38 / VQFN-24,  
-40  
up to 105°C

**XMC1300**  
SMPS control  
TSSOP-16, 38 / VQFN-24, -40  
up to 105°C

**XMC1300**  
Motor control, Hall & Encoder  
I/F, Co-processor  
TSSOP-16, 38 / VQFN-24, -40  
up to 105°C

XMCTM Entry

LED Lighting

Digital Power

Motor Control

Industrial I/O