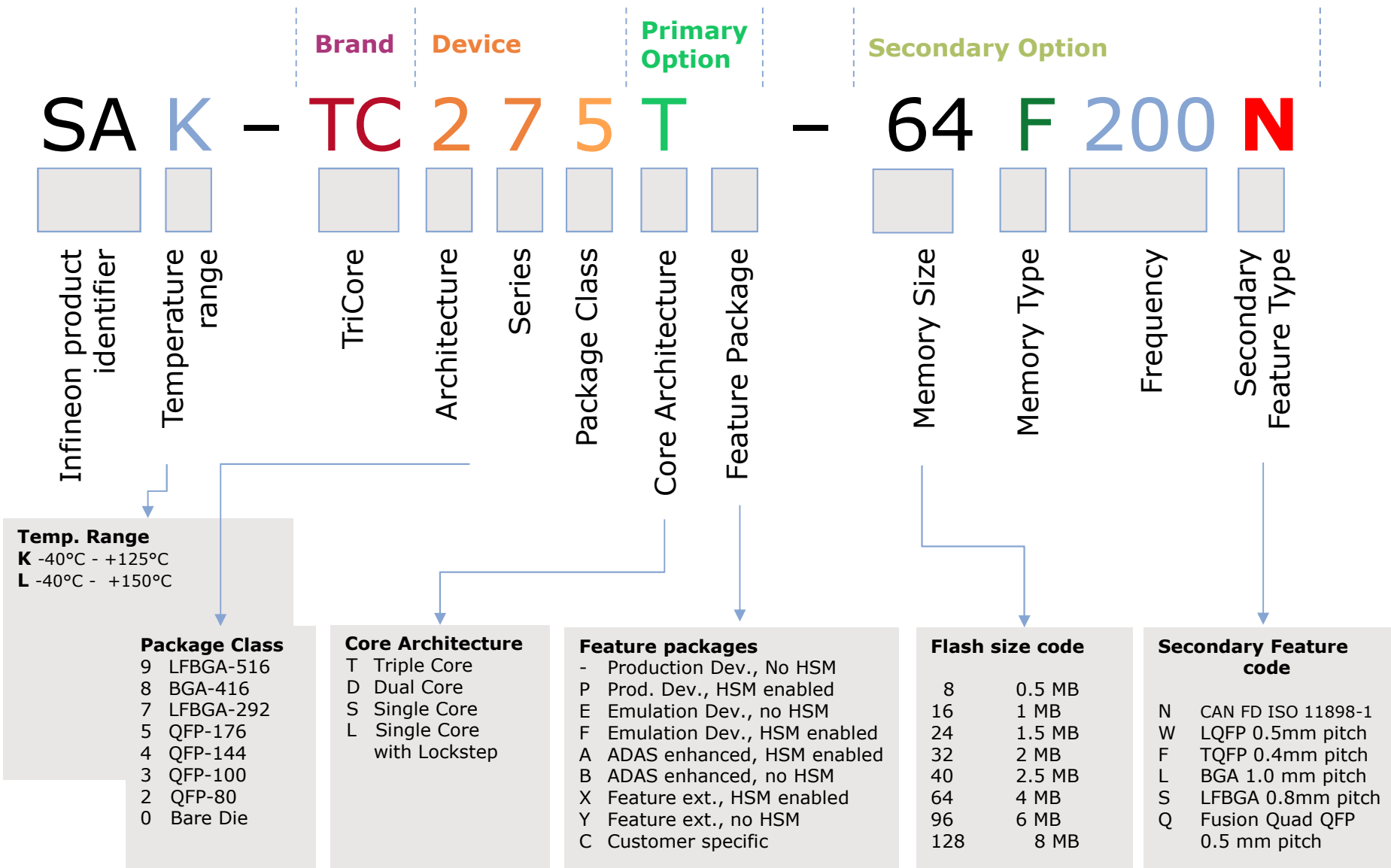


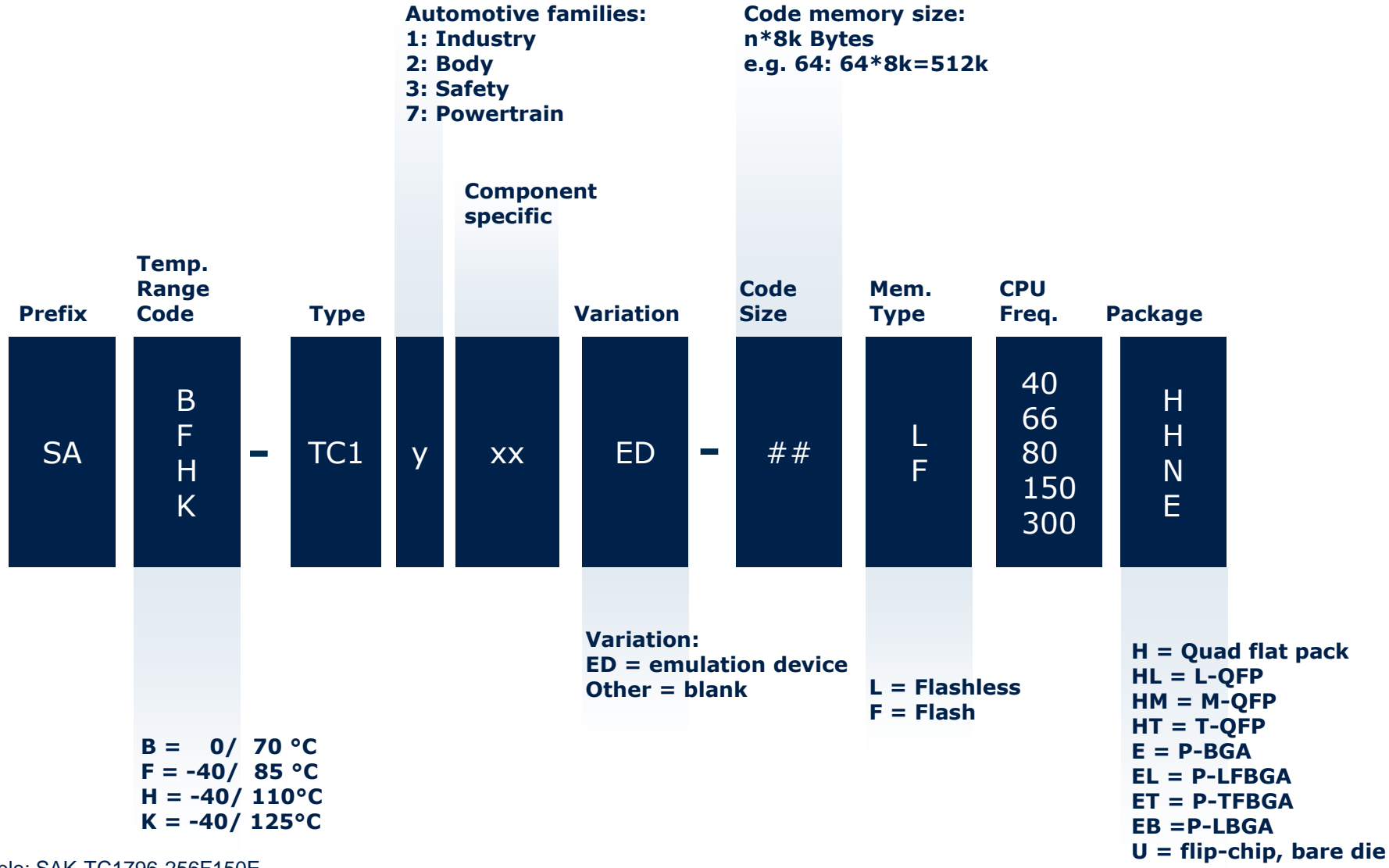
AURIX™ Product Naming



Naming Convention for **TriCore®** Family



Example: SAK-TC1796-256F150E



Example: SAK-TC1796-256F150E

Naming Convention for XMC4000 Family



Example: XMC4500-F144K1024 AC

Family	Core	Feature			Package	Pins	Temp.	Flash [kB]	Step
XMC	4	5	0	0	E F Q	144	K X F	1024	AA AB AC
		4		2		100		768	
		2		4		64		512	
		1		8		48		256	
								128	
							64		

Silicon Version
 AA = 01
 AB = 02
 AC = 03

K = -40° to 125°C
 X = -40° to 105°C
 F = -40° to 85°C

E = LFBGA | F = LQFP | Q = VQFN

0 = Full Featured < > 8 = Feature Subset

1 = Baseline < > 5 = High-End

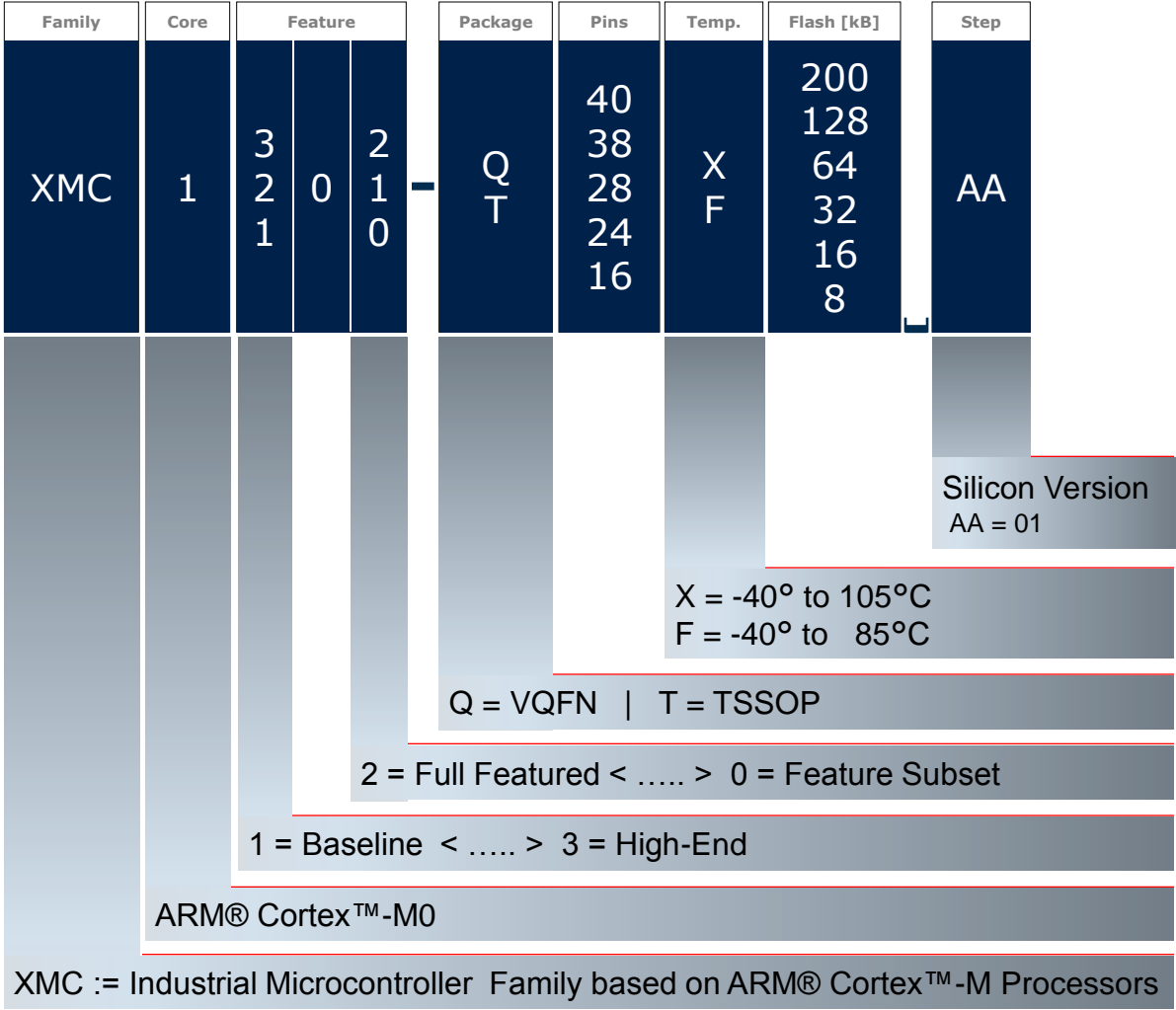
ARM® Cortex™-M4 with built in DSP, SPFPU, DMA and MPU

XMC := Industrial Microcontroller Family based on ARM® Cortex™-M Processors

Naming Convention for **XMC1000** Family



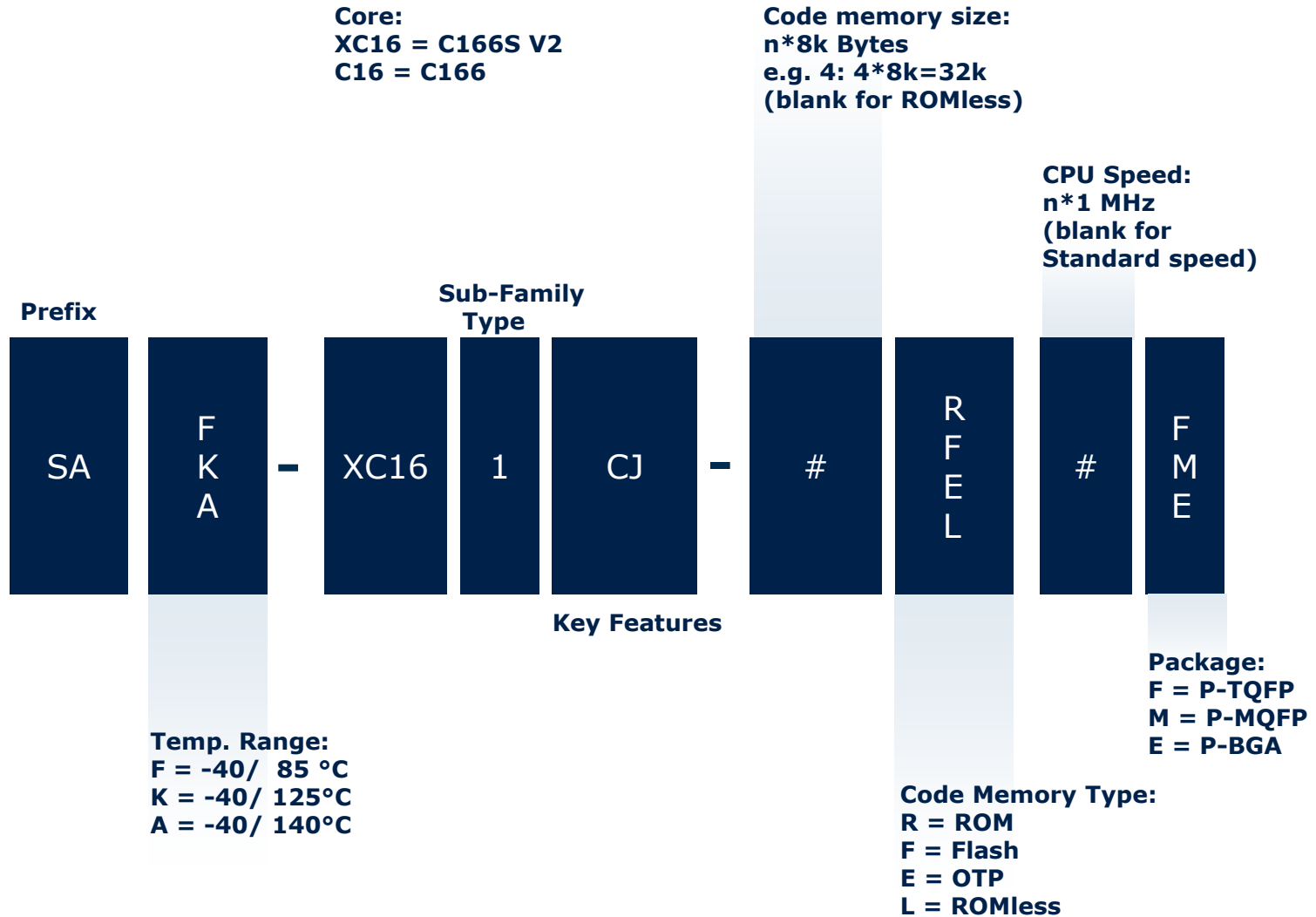
Example: XMC1302-T038X0200 AA



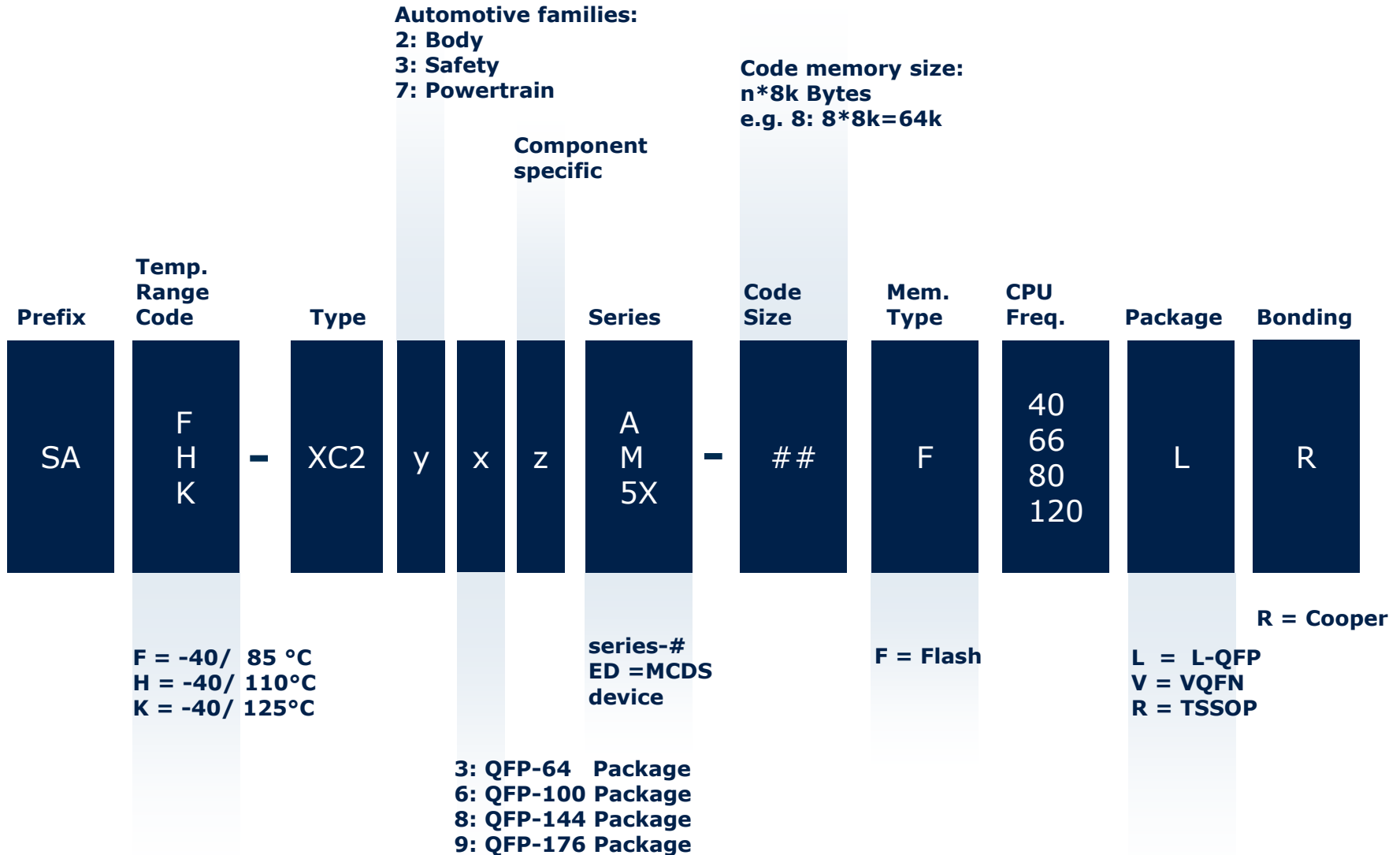
Naming Convention for **16-bit** Family



Example: SAF-XC161CJ-14F20F



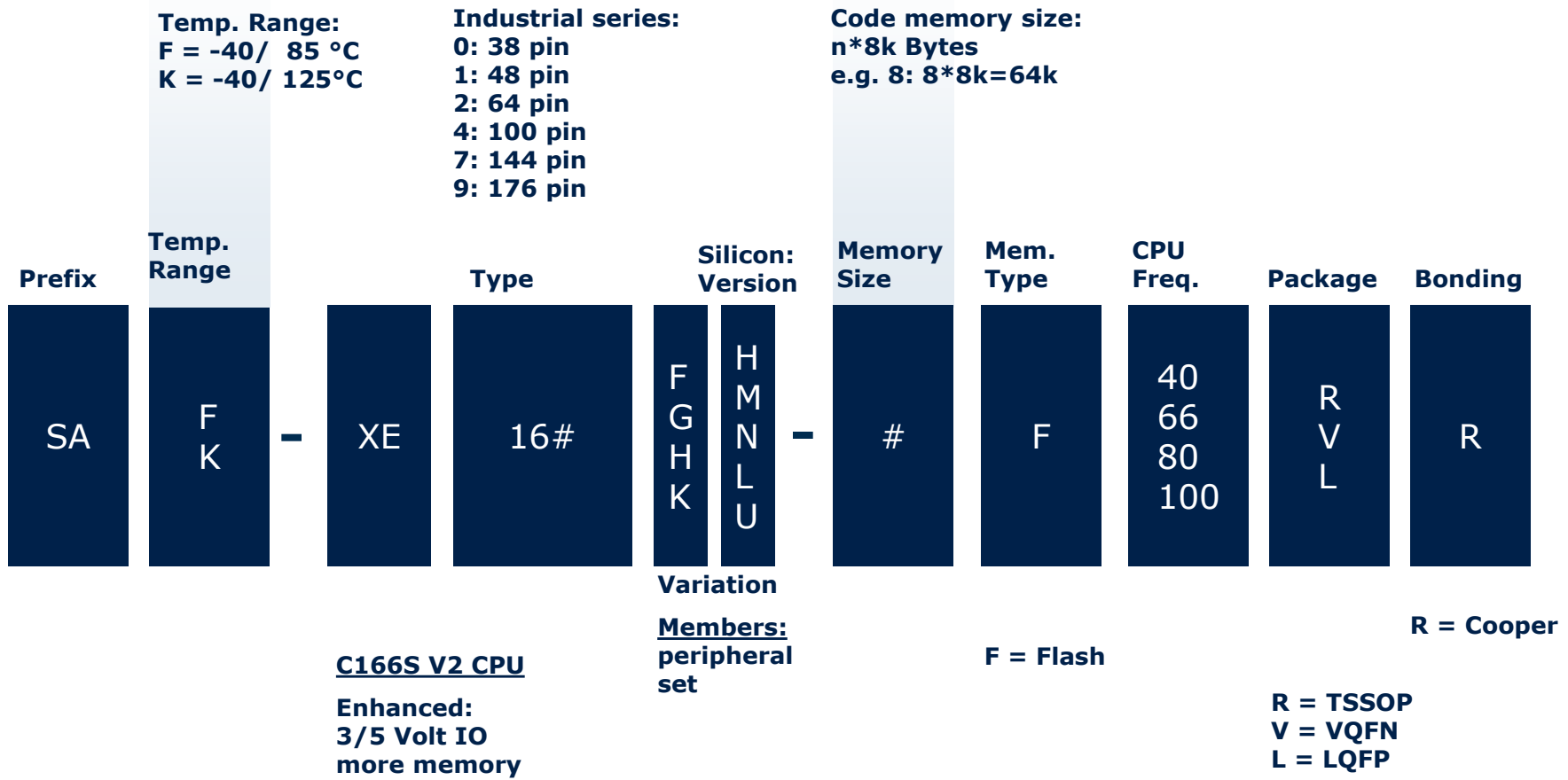
Naming Convention for **XC2000** Family



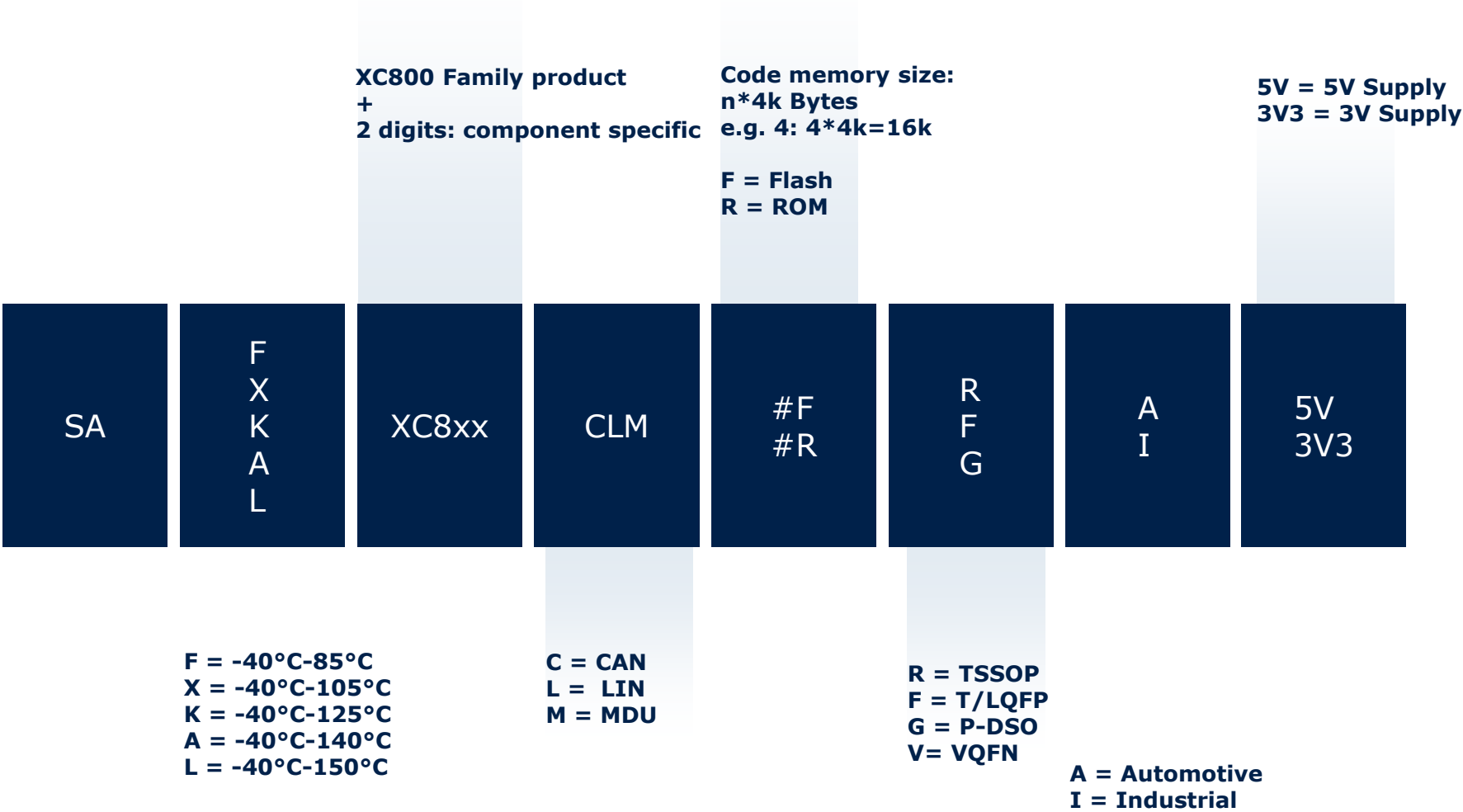
Naming Convention for XE166 Family



Example: SAF-XE167F-96F80L



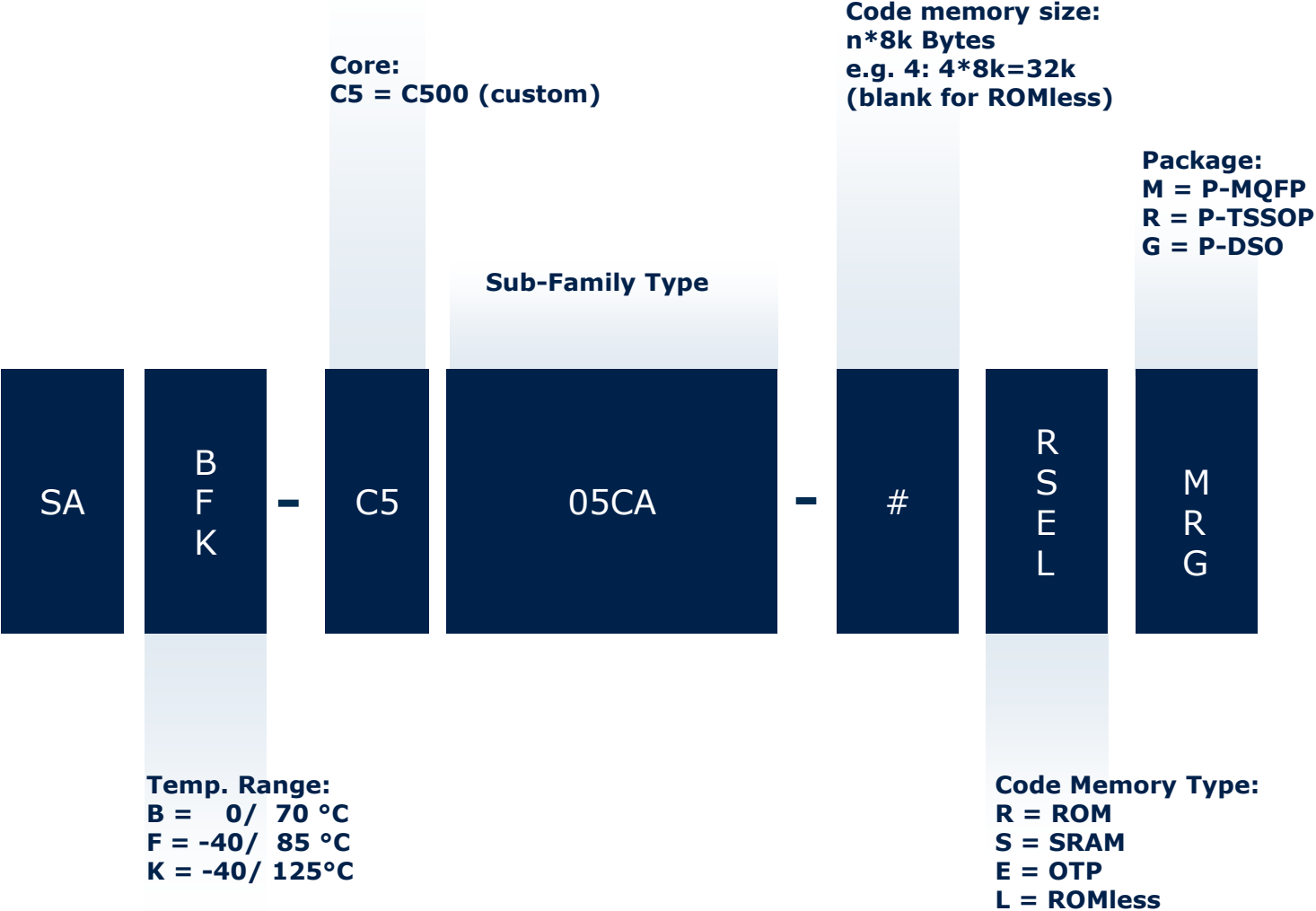
Naming Convention for **XC800** Family



Naming Convention for C500 Family



Example: SAB-C505CA-4EM



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Infineon:

[SAF-XC888C-8FFI3V3AC](#) [FX164CM16F40FBAXT](#) [SAF-XC161CJ-16F40F BB](#) [SAF-XC164CS-32F40F BB-A](#) [SAF-XC167CI-32F40F BB-A](#) [SAF-XC888C-8FFI 3V3 AC](#) [FX164CS32F40FBBAXT](#) [FX167CI32F40FBBAXT](#)
[XC164CS32F40FBBAFXQMA1](#) [KX164CS16F40FBBXP](#) [KX164CS32F20FBBAXT](#)