

Series Product Naming Rules

Example:	CH32	V	3	03	R	8	T	6
Device family								
F = ARM-based, general-purpose MCU								
V = QingKe RISC-V-based, general-purpose MCU								
L = QingKe RISC-V-based, low power MCU								
X = QingKe RISC-V-based, Dedicated architecture or special IO								
Product type								
0 = QingKe V2/V4 core, main frequency @48M								
1 = M3/ QingKe V3/V4 core, main frequency @72M								
2 = M3/ QingKe V4 non-floating-point core, main frequency @144M								
3 = QingKe V4F floating-point core, main frequency @144M								
Device subfamily								
03 = General-purpose								
05 = Connectivity (USB high-speed, SDIO, dual CAN)								
07 = Interconnectivity (USB high-speed, dual CAN, Ethernet, DVP, SDIO, FSMC)								
08 = Wireless (BLE5.X, CAN, USB, Ethernet)								
35 = Connectivity (USB, USB PD)								
Pin count								
J = 8 pins	A = 16 pins	F = 20 pins						
G = 28 pins	K = 32 pins	T = 36 pins						
C = 48 pins	R = 64 pins	W = 68 pins						
V = 100 pins	Z = 144 pins							
Flash memory size								
4 = 16 Kbytes of Flash memory								
6 = 32 Kbytes of Flash memory								
7 = 48 Kbytes of Flash memory								
8 = 64 Kbytes of Flash memory								
B = 128 Kbytes of Flash memory								
C = 256 Kbytes of Flash memory								
Package								
T = LQFP	U = QFN	R = QSOP	P = TSSOP	M = SOP				
Temperature range								
6 = -40°C~85°C (industrial-grade)								
7 = -40°C~105°C (automotive-grade 2)								
3 = -40°C~125°C (automotive-grade 1)								
D = -40°C~150°C (automotive-grade 0)								