

Series name / product group		TXZ4A+ series / M4K group / M4M group
CPU core		Arm Cortex-M4 – memory protection unit (MPU) – floating point unit (FPU)
Max operation frequency		160MHz
Internal oscillator		10MHz (+/-1%)
Internal memory	Flash (code)	128KB/256KB
	Flash (data)	32KB
	RAM	24KB
I/O port		31 to 87
External interrupt		10 to 20
DMA controller (DMAC)		1 unit
Timer function		32-bit timer : 6 (can be used as 16-bit timer : 12)
Communication function	UART	3 to 4 channels
	I²C	1 to 2 channels
	TSPI	1 to 2 channels
	CAN	1 channel (M4M group only)
Analog function	12-bit AD converter	8 to 22 channel input
	Op-Amp	3 channels
Other peripherals	Encoder input (A-ENC)	0 to 3 channels
	Motor control (A-PMD)	3 channels (1 channel in LQFP44)
	Vector engine (A-VE+)	1 channel
System function	Watchdog timer (WDT)	1 channel
On-chip debug function		Serial Wire (JTAG/TRACE/NBDIF can be used in 100-pin product)
Operation voltage		2.7 to 5.5V, single voltage supply
Package / Pin		LQFP100 (14mm x 14mm, 0.5mm pitch) QFP100 (14mm x 20mm, 0.65mm pitch) LQFP80 (12mm x 12mm, 0.5mm pitch) LQFP64 (10mm x 10mm, 0.5mm pitch) LQFP64 (14mm x 14mm, 0.8mm pitch) LQFP44 (10mm x 10mm, 0.8mm pitch) (LQFP44 is only for M4K group)