





MICROS PERIPHERALS & DEVELOPMENT TOOLS

ST10 FAMILY 16 BIT MICROCONTROLLER



ST10 Family Products

Device ⁽¹⁾	Pins	Program Memory Type		Memory Size		Peripherals				Package
		ROM	OTP/FLASH	Program Memory	RAM	A/D Inputs	Timers (+ WDG) ⁽²⁾	Serial Interface	I/Os	
				KB	KB					
 ST10R172L ⁽³⁾	100	ROM less		None	1		WDG 5x16-Bit ⁽²⁾	USART/SSP	77	TQFP100 ⁽⁴⁾
 ST10R272L ⁽⁵⁾	100	ROM less		None	1		WDG 5x16-Bit ⁽²⁾	USART/SSP ⁽⁶⁾	77	TQFP100 ⁽⁴⁾
 ST10R167 ⁽⁷⁾	144	ROM less		None	4	16x10-Bit	WDG 5x16-Bit ⁽²⁾	USART/SSC/CAN ⁽⁸⁾	111	PQFP144 ⁽⁹⁾
 ST10F168 ⁽⁷⁾	144	ROM less	FLASH	256	8	16x10-Bit	WDG 5x16-Bit ⁽²⁾	USART/SSC/CAN ⁽⁸⁾	111	PQFP144 ⁽⁹⁾

1) Special Features

2) WDG = 1x16-Bit Watchdog Timer

3) PEC (Peripheral Event Controller), PWM (Pulse Width Modulation), 3.3 V

4) TQFP: Thin Quad Flat Pack

5) PEC (Peripheral Event Controller), PWM (Pulse Width Modulation), MAC (DSP Multiply Accumulator), 3.3 V

6) USART: Universal Synchronous/Asynchronous Receiver/Transmitter SSP: Synchronous Serial Port

7) PEC (Peripheral Event Controller), CAN (Controller Area Network), PWM (Pulse Width Modulation), CAPCOM (Capture Compare)

8) USART: Universal Synchronous/Asynchronous Receiver/Transmitter SSC: Single-Cycle Switching Support CAN: Controller Area Network

9) PQFP: Plastic Quad Flat Pack

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