



Microcontrollers at a Glance

	8900's	8700's	8600's	8500's
Flash	256KB	128KB	128KB	96KB
SRAM	64KB	64KB	32KB	64KB

8900's

Featuring up to 3 integrated Controller Area Network interfaces, a 10/100 Ethernet MAC and PHY, 256K bytes of single cycle flash, 64K bytes of single cycle SRAM, and 50 MHz performance, Stellaris LM3S8900 series microcontrollers are perfect for cost-effective embedded control applications requiring industrial connectivity. Analog features in the LM3S8900 series include 3 analog comparators and up to 8 channels of 10-bit ADC at up to 1M samples per second. In addition, the series features up to 6 PWM outputs and up to 2 quadrature encoder inputs for sophisticated motion control.

8700's

Featuring an integrated Controller Area Network interface, a 10/100 Ethernet MAC and PHY, 128K bytes of single cycle flash, 64K bytes of single cycle SRAM, and 50 MHz performance, Stellaris LM3S8700 series microcontrollers are perfect for cost-effective embedded control applications requiring industrial connectivity. Analog features in the LM3S8700 series include 3 analog comparators and up to 8 channels of 10-bit ADC at up to 500K samples per second.



8600's

Featuring an integrated Controller Area Network interface, a 10/100 Ethernet MAC and PHY, 128K bytes of single cycle flash, 32K bytes of single cycle SRAM, and 50 MHz performance, Stellaris LM3S8600 series microcontrollers are perfect for cost-effective embedded control applications requiring industrial connectivity.

8500's

Featuring up to 3 integrated Controller Area Network interfaces, a 10/100 Ethernet MAC and PHY, 96K bytes of single cycle flash, 64K bytes of single cycle SRAM, and 50 MHz performance, Stellaris LM3S8500 series microcontrollers are perfect for cost-effective embedded control applications requiring industrial connectivity. Analog features in the LM3S8500 series include 3 analog comparators and up to 8 channels of 10-bit ADC at up to 1M samples per second.