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# HD64F2166VTE33V

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Microcontrollers (MCU) and  
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H8S Family

H8S/2100

H8S/2168

## Product Spec [Buy](#)

**HD64F2166VTE33V**

[Basic Information](#) [Memory](#) [CPU \(Bit, Clock, DMA, External Bus etc\)](#) [Timers](#)

Basic Information	
Product Status	Mass Production
Family	<a href="#">H8S</a>
Series	<a href="#">H8S/2100</a>
Group	<a href="#">H8S/2168</a>

Memory	
Program memory	512 KB Flash memory
RAM	40 KB

CPU (Bit, Clock, DMA, External Bus etc)	
CPU	H8S/2000 (16-bit)
Max. Frequency	\$16.88 MHz
PLL	YES
External Interrupt Pins	17
I/O Ports	90

Timers	
8-bit Timers	4 ch
16-bit Timers	1 ch
Watchdog Timers	2 ch
PWM Output	20(PWM, PWMX)