

**Device Support Notice for STMicroelectronics  
STM32 F1 Series**

Dear Valued Wave Technology customers,

We are pleased to announce our support for the “STMicroelectronics STM32 F1” series on our Y3000 product line.

The STM32F1 series is a mainstream MCU manufactured by STMicroelectronics that accommodates broad application needs from industry to medical to consumer markets.

See below for more information on STM32 F1 series:

<http://www.st-japan.co.jp/jp/mcu/subclass/1169.jsp>

Corresponding Wave Technology product information:

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Product	Y3000 series
Device	STM32F100CxT (x=4,6,8,B) STM32F101CxT (x=4,6,8,B) STM32F102CxT (x=4,6,8,B) STM32F103CxT (x=4,6,8,B) STM32F100RxT (x=4,6,8,B) STM32F102RxT (x=4,6,8,B) STM32F101RxT (x=4,6,8,B,C,D,E,F,G) STM32F103RxT (x=4,6,8,B,C,D,E,F,G) STM32F105RxT (x=8,B,C) STM32F107RxT (x=B,C)
Socket Adapter	LQFP48 Y30S5QFP048A LQFP64 Y30S5QFN064A

Processing time (reference values)

	Capacity	READ	BLANK	PROGRAM	VERIFY	ERASE
STM32F100R4T	16kB	7 sec	3 sec	8 sec	5 sec	3 sec
STM32F100R8T	64kB	24 sec	9 sec	27 sec	16 sec	9 sec
STM32F107RCT	256kB	93 sec	32 sec	105 sec	63 sec	33 sec
STM32F103RGT	512kB	360 sec	120 sec	416 sec	240 sec	120 sec

READ, PROGRAM times include 2 VERIFY times.

ERASE includes BLANK time.

VERIFY time was called twice.

WRITE processing with Bootloader, OPTION BYTE settings are configurable. (Note that some settings may not be configurable)

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We plan to support other STM32 series as needed.

For further assistance, please contact us.

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Wave Technology

TEL : +81-3-5452-3101 FAX : +81-3-5452-3102

