

Datasheet Correction: Vector Engine

We would like to inform customers the corrections of the following datasheets. If you have any questions or require any further information, please contact your local sales office.

1. Products

TMPM370FYFG, TMPM370FYDFG
TMPM372FWUG
TMPM373FWDUG
TMPM374FWUG
TMPM376DFDG, TMPM376FDDFG

2. Correction

These products are not support this function.

VEMCTLFx (Status flags Register) (x:0,1)

	31	30	29	28	27	26	25	24
bit symbol	-	-	-	-	-	-	-	-
After reset	0	0	0	0	0	0	0	0
	23	22	21	20	19	18	17	16
bit symbol	-	-	-	-	-	-	-	-
After reset	0	0	0	0	0	0	0	0
	15	14	13	12	11	10	9	8
bit symbol	-	-	-	-	-	-	-	-
After reset	0	0	0	0	0	0	0	0
	7	6	5	4	3	2	1	0
bit symbol	-	-	PLSLFM	PLSLF	-	LVTF	LAVFM	LAVF
After reset	0	0	0	0	0	0	0	0

Error

Bit	Bit Symbol	Type	Function
31-8	-	R	Read as 0.
7-6	-	R/W	Always write "0".
5	PLSLFM	R/W	Previous value of <PLSLF>
4	PLSLF	R/W	Minimum disparity of pulse width Minimum disparity of pulse width VEMINPLS1<MINPLS> case="0" VEMINPLS1<MINPLS> case="1"
3	-	R/W	Always write "0".
2	LVTF	R/W	Supply voltage lower VEVDC1<VDC> 0x0100 (1/128) case="0" VEVDC1<VDC> 0x0100 (1/128) case="1"
1	LAVFM	R/W	Previous <LAVF> value
0	LAVF	R/W	Low-speed flag 0: High-speed 1: Low-speed VEOMEGA1<OMEGA> - VEFPWMCHG1<FPWMCHG> case="0" VEOMEGA1<OMEGA> < VEFPWMCHG1<FPWMCHG> case="1"

Correction

5	-	R	Read as 0.
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