

## 1. Excitation Settings

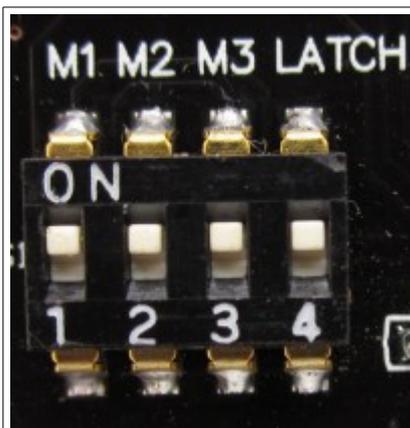
The excitation mode can be selected from the following eight modes using the M1, M2 and M3 inputs. New excitation mode starts from the initial mode when M1, M2, or M3 inputs are shifted during motor operation. In this case, output current waveform may not continue.

INPUT			Mode(Excitation)
M1	M2	M3	
OFF	OFF	OFF	Standby mode (Operation of the internal circuit is almost turned off.)
OFF	OFF	ON	1/1 (2-phase excitation, full-step)
OFF	ON	OFF	1/2A type (1-2 phase excitation A type) ( 0% - 71% - 100% )
OFF	ON	ON	1/2B type (1-2 phase excitation B type) ( 0% - 100% )
ON	OFF	OFF	1/4 (W1-2 phase excitation)
ON	OFF	ON	1/8 (2W1-2 phase excitation)
ON	ON	OFF	1/16 (4W1-2 phase excitation)
ON	ON	ON	Standby mode (Operation of the internal circuit is almost turned off.)

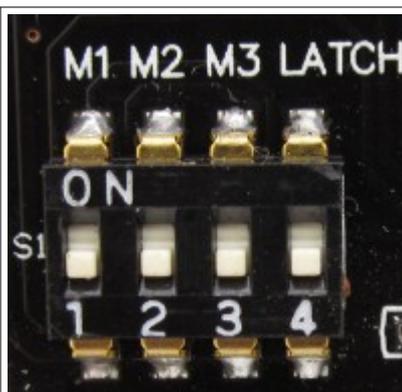
## 2. LATCH Settings

INPUT Latch/Auto	Mode(Excitation)
ON	Automatic return
OFF	Latch

Note: Latch/Auto mean Select a return type for thermal shutdown (TSD) circuit and over-current detection (ISD) circuit., when TSD or ISD is happen, the WARN led will work.

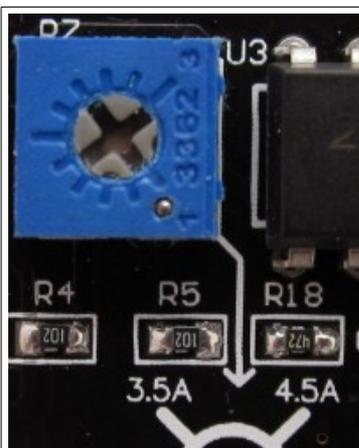


M1 = M2 = M3 = LATCH = ON

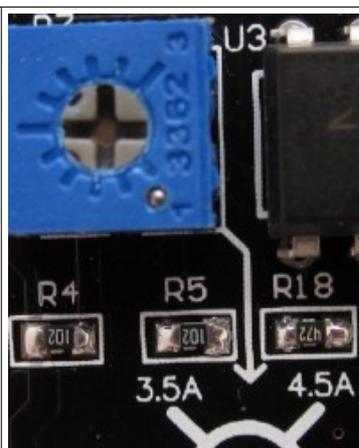


M1 = M2 = M3 = LATCH = OFF

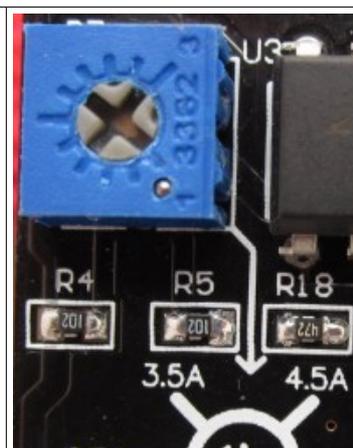
## 3. Output current mode



0.5A mode



2.5A mode



4.5A mode

