

KSS Co., Ltd.
1-22-14 Yaguchi, Ota-Ku,
Tokyo 144-0093 JAPAN

Announcing model change of "SD4030B2" to succession model "SD4030B3"

To Whom it May Concern,

Thank you for continuing to use KSS products, we appreciate for your loyal patronage. We would like to inform the termination of providing 2 phase microstep driver SD4030B2 which will be discontinued by Vanguard Systems Inc., and recommend to change succession model SD4030B3.

Please find the change contents as below, there is no change in external size and mounting dimension. Also, there is no difference in performance in between former model and succession model.

Description of change;

New driver uses 2bit DIP switch for adjusting 4 patterns of Mixed Decay, no longer uses Volume control type switch for such adjustment. Please refer the next page for more details.

Model number change;

SD4030**B2** ⇒ SD4030**B3**

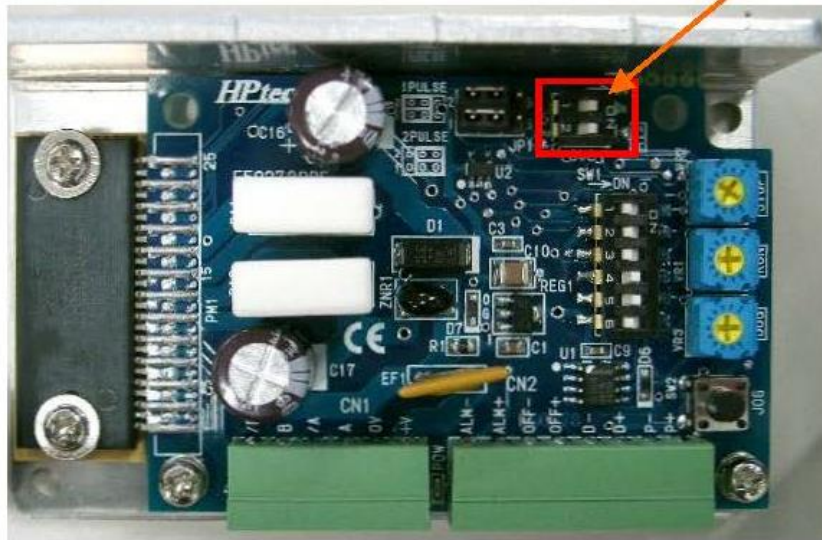
Effective point of change;

We will switch to new item sequentially as soon as current stock runs out. We will inform in which point of order is effected in prior to the receipt of order.


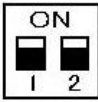

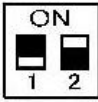
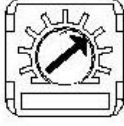
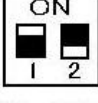

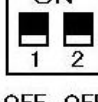
Description of change (in detail);

Location of Mixed Decay adjustment

Mixed Decay adjustment Switch (DIP type switch)



Compatibility chart of Mixed Decay Volume switch (former) and DIP switch (new).

Slow Decay ratio	SD4030B2	SD4030B3 (New)
	Mix Volume set value	DIP switch set position
80% (Factory default ratio setting)	 0	 ON ON
40%	 5	 OFF ON
20%	 7	 ON OFF
0%	 10	 OFF OFF

Note: Mixed Decay feature will help reducing Motor vibration by regulating slope of electrical current within PWM period. The most appropriate ratio of Slow Decay will change so please monitor your Motor vibration to find the best switch position.