Design Change Notification

October 28th, 2022

To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR

Model: San Ace B76 76mm x 20mm thick

(Please refer Attached Sheet for a complete part number list.)

SANYO DENKI CO.,LTD.

Design Dept., Cooling Systems Div.

Approved	Checked	Designed
<u>渡辺</u> '22.10.24 道徳	中村 '22.10.24 俊之	高桑 '22.10.24 宗仙

SANYO DENKI America, Inc. Cooling Systems Division

No.	Contents	Before Change	After Change	Description
1	Motor drive IC, electronic parts, Motor Windings and PWB	Use motor drive IC manufactured by ON-Semiconductor.	Use motor drive IC manufactured by Nisshinbo-Micro-Devices.	Change to the motor drive IC due to discontinuation of production by the semiconductor manufacturer. Also change to some electric parts except IC, Motor windings and PWB due to the change of the motor drive IC.
2	Specifications	See the Attached Sheet.	See the Attached Sheet.	
3	Implementation Date			Implementation Date: From February, 2023 production (Estimated). Please note that the changeover schedule to new IC may change according to the number of products in the inventory.

[MODEL LIST]

San Ace B76 – 76mm x 20mm thick

MODEL	Change contents
9BD24HA6-1	
9BD24HC6-1	
9BD24HD6-1	
9BD24FA6-1	Attached Sheet 2
9BD24FA6-20	/ mashed enest E
9BD24FC6-1	
9BD24FD6-1	
9BD24P6S01	
9BD24P6S04	
9BD24P6S05	Attached Sheet 3
9BD24P6S06	
9BD24SA6-1	
9BD24SA6-2	
9BD24SA6-3	
9BD24SA6-21	
9BD24SC6-1	Attached Sheet 4
9BD24SC6-20	Allaoneu Oneel 4
9BD24SC6-21	
9BD24SC6-22	
9BD24SD6-1	
9BD24SD6-20	

[MODEL]

9BD24HA6-1, 9BD24HC6-1, 9BD24HD6-1, 9BD24FA6-1, 9BD24FA6-1, 9BD24FA6-1

[Contents of change]

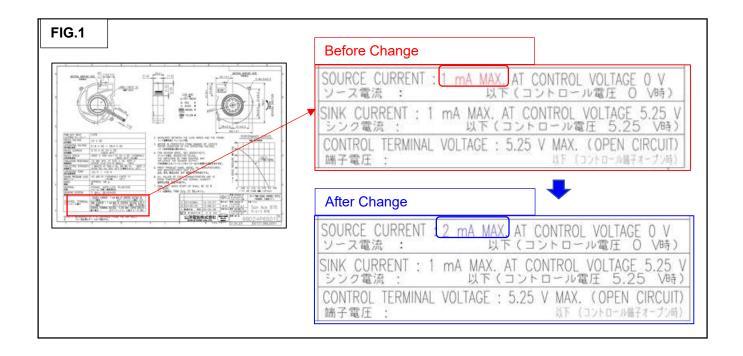
		Before Change	After Change	
Motor drive IC	Type name	LA6588	NJW4320	
	Manufacture	On-semiconductor	Nisshinbo-Micro-Devices	
Operating voltage	Operating voltage No change		inge	
Rated electrical current		No change		
Speed		No change		
Operating temp.	Operating temp. No change		nge	
Sound pressure level		No change		
Control terminal		Non-applicable		
Air flow – static pre	Air flow – static pressure character No change		inge	
PWM duty cycle - Speed characteristic		Non-applicable		
Sensor spec.		No cha	No change	

[MODEL]

9BD24P6S01, 9BD24P6S04, 9BD24P6S05, 9BD24P6S06

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LV8860	NJW4320
	Manufacture	On-semiconductor	Nisshinbo-Micro-Devices
Operating voltage		No change	
Rated electrical current		No change	
Speed		No change	
Operating temp.		No change	
Sound pressure level		No change	
Control terminal		Source current : 1 mA MAX. Refer to FIG.1	Source current : 2 mA MAX. Refer to FIG.1
Air flow – static pressure character		No change	
PWM duty cycle - Speed characteristic		No change	
Sensor spec.		No change	



[MODEL]

9BD24SA6-1, 9BD24SA6-2, 9BD24SA6-3, 9BD24SA6-21, 9BD24SC6-1, 9BD24SC6-20, 9BD24SC6-21, 9BD24SD6-1, 9BD24SD6-20

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LA6588	NJW4320
	Manufacture	On-semiconductor	Nisshinbo-Micro-Devices
Operating voltage		No change	
Rated electrical current		0.14[A]	0.16[A]
		Refer to Fig.1	Refer to Fig.1
Speed		No change	
Operating temp.		No change	
Sound pressure le	vel	No change	
Control terminal		Non-applicable	
Air flow – static pressure character		No change	
PWM duty cycle -	Speed characteristic Non-applicable		
Sensor spec.		No change	

