

Design Change Notification

October 28th, 2022To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR

Model: San Ace B120 120mm x 32mm thick

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

SANYO DENKI CO.,LTD.
Design Dept., Cooling Systems Div.

Approved	Checked	Designed
		

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 Sentelic.	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 March, 2023 production (Estimated). Please note that the changeover schedule to new IC may change according to the number of products in the inventory.

No. A0053339 - Attached Sheet 1

[MODEL LIST]

San Ace B120 – 120mm x 32mm thick

MODEL	Change contents
9BFB24H2002 9BFB24H2004 9BFB24H2005 9BFB24H2006 9BFB24M2002 9BFB24M2003	Attached Sheet 2
9BFB24P2H003 9BFB24P2H004 9BFB24P2H005 9BFB24P2H006 9BFB24P2H007 9BFB24P2H009 9BFB24P2H010 9BFB24P2H011 9BFB24P2H012 9BFB24P2H013	Attached Sheet 3
9BFB24P2M005 9BFB24P2M006	Attached Sheet 4

No. A0053339 - Attached Sheet 2

[MODEL]

9BFB24H2002, 9BFB24H2004, 9BFB24H2005, 9BFB24H2006,
9BFB24M2002, 9BFB24M2003

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11867	STL5210 or STL6800
	Manufacture	On-semiconductor	Sentelic
Operating voltage		No change	
Electrical current		No change	
Speed		No change	
Operating temp.		No change	
Sound pressure level		No change	
Control terminal		Non-applicable	
Air flow – static pressure character		No change	
PWM duty cycle - Speed characteristic		Non-applicable	
Sensor spec.		No change	
Life Expectancy		No change	

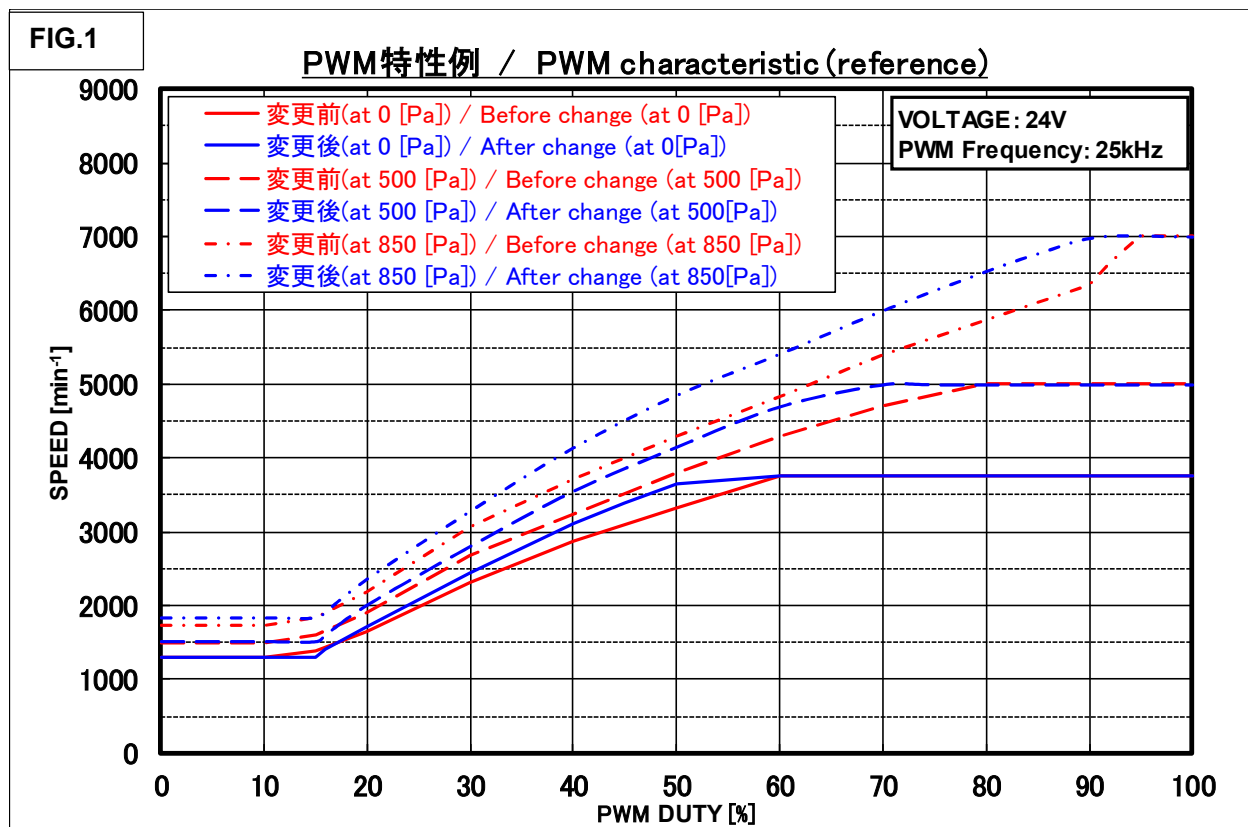
No. A0053339 - Attached Sheet 3

[MODEL]

9BFB24P2H003, 9BFB24P2H004, 9BFB24P2H005, 9BFB24P2H006, 9BFB24P2H007, 9BFB24P2H009,
9BFB24P2H010, 9BFB24P2H011, 9BFB24P2H012, 9BFB24P2H013

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11867	STL5210 or STL6800
	Manufacture	On-semiconductor	Sentelic
Operating voltage		No change	
Electrical current		No change	
Speed		No change	
Operating temp.		No change	
Sound pressure level		No change	
Control terminal		No change	
Air flow – static pressure character		No change	
PWM duty cycle - Speed characteristic		Refer to FIG.1	
Sensor spec.		No change	
Life Expectancy		No change	



No. A0053339 - Attached Sheet 4

[MODEL]

9BFB24P2M005, 9BFB24P2M006

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11867	STL5210 or STL6800
	Manufacture	On-semiconductor	Sentelic
Operating voltage		No change	
Electrical current		No change	
Speed		No change	
Operating temp.		No change	
Sound pressure level		No change	
Control terminal		No change	
Air flow – static pressure character		No change	
PWM duty cycle - Speed characteristic		No change	
Sensor spec.		No change	
Life Expectancy		No change	