

# Design Change Notification

September 7<sup>th</sup>, 2022To: Sanyo Denki America Cooling DistributorsSANYO DENKI CO.,LTD.  
Design Dept., Cooling Systems Div.

Product: BLDC FAN MOTOR

Model: San Ace C133 133 mm x 91mm thick

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

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 Microchip.	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. A0053361 - Attached Sheet 1**

[MODEL LIST]

San Ace C133 – 133mm x 91mm thick

MODEL	Change contents
9TJ24P0H61 9TJ24P0H61-2 9TJ24P0H64 9TJ24P0H65 9TJ24P0H66-C	Attached Sheet 2
9TJ24P0HD63	Attached Sheet 3
9TJ48P0H01 9TJ48P0H03 9TJ48P0H07 9TJ48P0H09	Attached Sheet 4

**No. A0053361 - Attached Sheet 2**

[MODEL]

9TJ24P0H61, 9TJ24P0H61-2, 9TJ24P0H64, 9TJ24P0H65, 9TJ24P0H66-C

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11696	PIC16F1828
	Manufacture	On-semiconductor	Microchip
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	

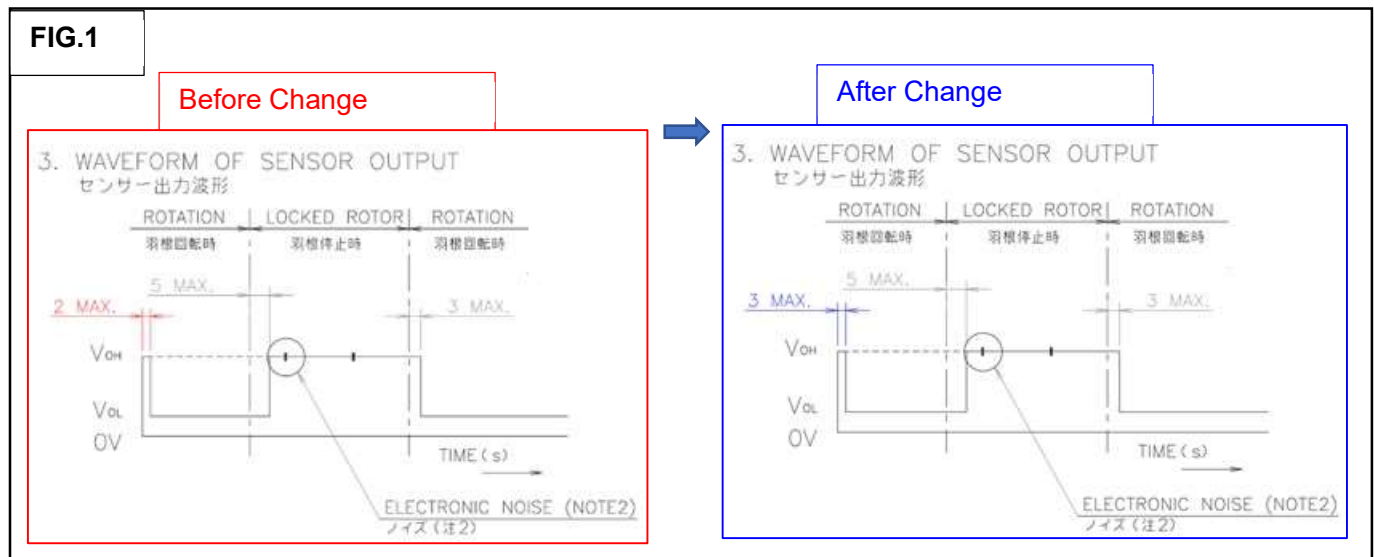
**No. A0053361 - Attached Sheet 3**

[MODEL]

9TJ24P0HD63

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11696	PIC16F1828
	Manufacture	On-semiconductor	Microchip
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.		Refer to Fig.1	
Life Expectancy		No change	



**No. A0053361 - Attached Sheet 4**

[MODEL]

9TJ48P0H01, 9TJ48P0H03, 9TJ48P0H07, 9TJ48P0H09

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11696	PIC16F1828
	Manufacture	On-semiconductor	Microchip
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	