

Design Change Notification

December 1st, 2022To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR

Model: San Ace 172 (9CR) 172mm sq. x 102mm 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 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 May, 2023 production (Estimated). Please note that the changeover schedule to new IC may change according to the number of products in the inventory.

No. A0053379 - Attached Sheet 1

[MODEL LIST]

San Ace 172 (9CR) – 172mm x 102mm thick

MODEL	Change contents
9CR5748G9003 9CR5748S9003	Attached Sheet 2
9CR5748P9G001 9CR5748P9G003 9CR5748P9G004 9CR5748P9G006 1032-106205	Attached Sheet 3

No. A0053379 - Attached Sheet 2

[MODEL]

9CR5748G9003, 9CR5748S9003

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11696V	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		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. A0053379 - Attached Sheet 3

[MODEL]

9CR5748P9G001, 9CR5748P9G003, 9CR5748P9G004, 9CR5748P9G006,
1032-106205

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11696V	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	