

Design Change Notification

December 29th, 2021

To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR _____

Model: San Ace 36 (9GX) 36mm sq. x 28mm 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 Rohm.	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 December, 2022 production (Estimated). Please note that the changeover schedule to new IC may change according to the number of products in the inventory.

No. A0052660 - Attached Sheet 1

[MODEL LIST]

San Ace 36 (9GX) – 36mm sq. x 28mm thick

MODEL	Change contents
9GX3612K3002	Attached Sheet 2
9GX3612P3K001	Attached Sheet 3
9GX3612P3K003	
9GX3612P3K004	
9GX3612P3K005	
9GX3612P3K006	
9GX3612P3K007	
9GX3612P3K008	
9GX3612P3K009	
9GX3612P3K010	
9GX3612P3K011	
9GX3612P3K012	
9GX3612P3K013	
9GX3612P3K014	

No. A0052660 - Attached Sheet 2

[MODEL]

9GX3612K3002

[Contents of change]

	Before Change	After Change
Motor drive IC	LB11867 By On-semiconductor	BD69730 or BD6973 By Rohm
Operating voltage	6 VDC to 13.2 VDC	8 VDC to 13.2VDC
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.	Non-applicable	

No. A0052660 - Attached Sheet 3

[MODEL]

9GX3612P3K001, 9GX3612P3K003, 9GX3612P3K004, 9GX3612P3K005, 9GX3612P3K006, 9GX3612P3K007,
 9GX3612P3K008, 9GX3612P3K009, 9GX3612P3K010, 9GX3612P3K011, 9GX3612P3K012, 9GX3612P3K013,
 9GX3612P3K014

[Contents of change]

	Before Change	After Change
Motor drive IC	LB11867 By On-semiconductor	BD69730 or BD6973 By Rohm
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	