

Design Change Notification

January 6th, 2023

To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR _____

Model: San Ace 92 (9GV) 92mm sq. x 38mm 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 July, 2023 production (Estimated). Please note that the changeover schedule to new IC may change according to the number of products in the inventory.

No. A0053658 - Attached Sheet 1

[MODEL LIST]

San Ace 92 (9GV) – 92mm x 38mm thick

MODEL	Change contents
9GV0912G102 9GV0912G1041 9GV0912G1D01 9GV0912H101 9GV0912H102 9GV0912H1D01	Attached Sheet 2
109-U0002-02 AI1727-02 9GV0912P1G03 9GV0912P1G031 9GV0912P1G06 9GV0912P1G07 9GV0912P1G08 9GV0912P1G10 9GV0912P1H03 9GV0912P1H031 9GV0912P1F03 9GV0912P1F031 9GV0912P1F04 9GV0912P1F061 1022-116223 1023-116222 1023-118840 9GV0912P1G03-A01	Attached Sheet 3

No. A0053658 - Attached Sheet 2

[MODEL]

9GV0912G102, 9GV0912G1041,
 9GV0912G1D01,
 9GV0912H101, 9GV0912H102,
 9GV0912H1D01

[Contents of change]

		Before Change	After Change
Motor drive IC	Pulse sensor Or sensor-less type	LB11867FV	BD69730
	Lock sensor type	LB11867RV	BD69740
	Manufacture	On-semiconductor	Rohm
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. A0053658 - Attached sheet 3

[MODEL]

109-U0002-02, AI1727-02,
 9GV0912P1G03, 9GV0912P1G031, 9GV0912P1G06. 9GV0912P1G07, 9GV0912P1G08, 9GV0912P1G10,
 9GV0912P1H03, 9GV0912P1H031,
 9GV0912P1F03, 9GV0912P1F031, 9GV0912P1F04, 9GV0912P1F061,
 1022-116223, 1023-116222, 1023-118840, 9GV0912P1G03-A01

[Contents of change]

		Before Change	After Change
Motor drive IC	Type name	LB11867FV	BD69730
	Manufacture	On-semiconductor	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	
Life Expectancy		No change	