

Design Change Notification

November 2nd, 2022To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR

Model: San Ace 80 (9GV) 80mm 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 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. A0053463 - Attached Sheet 1

[MODEL LIST]

San Ace 80 (9GV) – 80mm x 38mm thick

MODEL	Change contents
9GV0824G101	Attached Sheet 2
9GV0824G102	
9GV0824G1D01	
9GV0824H102	
9GV0824F101	
9GV0824F103	
9GV0824F1D01	
9GV0824P1G021	Attached Sheet 3
9GV0824P1G03	
9GV0824P1G031	
9GV0824P1G05	
9GV0824P1G05-2	
9GV0824P1G06	
9GV0824P1G08	
9GV0824P1G10	
9GV0824P1G11	
9GV0824P1GD03	

MODEL	Change contents
9GV0848G101	Attached Sheet 4
9GV0848G1011	
9GV0848G1011-C	
9GV0848G102	
9GV0848G103	
9GV0848P1G03	Attached Sheet 5
9GV0848P1G03-C	
9GV0848P1G031	
9GV0848P1G04	
9GV0848P1G06	
9GV0848P1G12	
9GV0848P1G13	
9GV0848P1G13-A	
9GV0848P1G15	
9GV0848P1G16	
9GV0848P1G18-C	
9GV0848P1G19	
9GV0848P1GE03	
9GV0848P1GE04	
9GV0848P1GE05	
9GV0848P1G03-A01	
9GV0848P1G03-A02	

No. A0053463 - Attached Sheet 2

[MODEL]

9GV0824G101, 9GV0824G102, 9GV0824G1D01, 9GV0824H102,
 9GV0824F101, 9GV0824F103,
 9GV0824F1D01

[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. A0053463 - Attached Sheet 3

[MODEL]

9GV0824P1G021, 9GV0824P1G03, 9GV0824P1G031, 9GV0824P1G05, 9GV0824P1G05-2, 9GV0824P1G06,
 9GV0824P1G08, 9GV0824P1G10, 9GV0824P1G11,
 9GV0824P1GD03

[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		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. A0053463 - Attached Sheet 4

[MODEL]

9GV0848G101, 9GV0848G1011, 9GV0848G1011-C, 9GV0848G102, 9GV0848G103

[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		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. A0053463 - Attached Sheet 5

[MODEL]

9GV0848P1G03, 9GV0848P1G03-C, 9GV0848P1G031, 9GV0848P1G04, 9GV0848P1G06, 9GV0848P1G12,
 9GV0848P1G13, 9GV0848P1G13-A, 9GV0848P1G15, 9GV0848P1G16, 9GV0848P1G18-C, 9GV0848P1G19
 9GV0848P1GE03, 9GV0848P1GE04, 9GV0848P1GE05,
 9GV0848P1G03-A01, 9GV0848P1G03-A02

[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		No change	
Air flow – static pressure character		No change	
PWM duty cycle - Speed characteristic		No change	
Sensor spec.		No change	
Life Expectancy		No change	