

Design Change Notification

December 29th, 2021

To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR

Model: San Ace 40 (9GAX) 40mm 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 October, 2022 production (Estimated). Please note that the changeover schedule to new IC may change according to the number of products in the inventory.

No. A0052537 - Attached Sheet 1

[MODEL LIST]

San Ace 40 (9GAX) – 40mm sq. x 28mm thick

MODEL	MODEL	MODEL
109-U0040-02 (9GAX0412P3S021)	9GAX0412P3S007	1023-117828
109-U0041-02 (9GAX0412P3S022)	9GAX0412P3S0071	1023-106280
109-U0047-02 (9GAX0412P3S026)	9GAX0412P3S008	1023-106142
109-U0050-02 (9GAX0412P3S027)	9GAX0412P3S009	1023-106143
9GAX0412P3K001	9GAX0412P3S0091	1023-107117
9GAX0412P3K0011	9GAX0412P3S011	1022-117926
9GAX0412P3K003	9GAX0412P3S012	1023-115578
9GAX0412P3K0031	9GAX0412P3S0121	1023-117818
9GAX0412P3K004	9GAX0412P3S015	1023-115577
9GAX0412P3K005	9GAX0412P3S017	1022-117819
9GAX0412P3K006	9GAX0412P3S018	1022-106144
9GAX0412P3K007	9GAX0412P3S019	1023-107118
9GAX0412P3K008	9GAX0412P3S021	
9GAX0412P3S001	9GAX0412P3S022	
9GAX0412P3S0011	9GAX0412P3S023	
9GAX0412P3S003	9GAX0412P3S024-C	
9GAX0412P3S0031	9GAX0412P3S025	
9GAX0412P3S003-2	9GAX0412P3S026	
9GAX0412P3S0041	9GAX0412P3S027	
9GAX0412P3S0051	9GAX0412P3S029	
9GAX0412P3S006	9GAX0412P3S030	
9GAX0412P3S0061	9GAX0412P3S-3	
	AI2162-01	

No. A0052537 - Attached Sheet 2

[MODEL]

All models on Attached Sheet 1

[Contents of change]

	Before Change	After Change
Motor drive IC	LB11868 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	