

Design Change Notification

February 24th, 2022

To: Sanyo Denki America Cooling Distributors

Product: BLDC FAN MOTOR _____

Model: San Ace 150W 150mm phi x 35mm 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 February, 2023 production (Estimated). Please note that the changeover schedule to new IC may change according to the number of products in the inventory. |

No. A0052820 - Attached Sheet 1

[MODEL]

9W1TN48P1H01, 9W1TN48P1H03

[Contents of change]

| | | Before Change | After Change |
|---------------------------------------|-------------|------------------|--------------|
| Motor drive IC | Type name | LB11867 | PIC16F1823 |
| | 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 | |