



Product Revision Notice: FAN4803CP-2 Control IC for SP-100

2012. 08. 23

The control IC FAN4803CP-2 used in SP-100 series are produced via old fabrication process and scheduled to be phased-out by the IC provider. To prevent the IC from shortage that influence the supply of our SP-100 series, MEAN WELL decided to change the control IC from FAN4803CP-2 to FAN4802S and execute some design upgrade in the same time. The standard models in MEAN WELL's stock as well as the modified models will be changed to the new IC design gradually in the future and there will be a transition period after starting to produce the new version.

This design revision will only lead to minor SPEC changes, however, the compatibility to some end system may still need to be re-confirmed. Please pay attention to this revision and contact your sales representative during this transition process if you have any problems. For more details, please refer to the information as below:

1. Revision Schedule :

Start Date: Small quantity of pilot run production on 2012.09.04 production batch

Schedule Date of Complete Implementation: Production batch after 2013.01.22

2. Revision of SPECS :

SPEC.		SP-100-3.3	SP-100-5	SP-100-7.5	SP-100-12	SP-100-13.5	SP-100-15	SP-100-24	SP-100-27	SP-100-48
EFFICIENCY	Before	70%	76%	78%	80%	80%	82%	84%	83%	82%
	After	71%	79%	82%	82.5%	83%	84%	87%	86%	84%
POWER	Before	PF > 0.93/230VAC , PF > 0.98/115VAC at full load								
FACTOR	After	PF > 0.93/230VAC , PF > 0.97/115VAC at full load								
INRUSH	Before	Cold Start 30A/230VAC								
CURRENT	After	Cold Start 35A/230VAC								

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