



Product Service

CERTIFICATE

No. B 07 02 34962 028

Holder of Certificate: SynQor Inc.
155 Swanson Road
Boxborough, MA 01719-1316
USA

Production Facility(ies): 34962

Certification Mark:



Product: DC converter

Model(s): NQ03025HMA20XXX
See attachment for model designation & ratings.

Parameters:

Rated Input Voltage:	3.0-3.6 V DC
Rated Output Voltage:	2.5 V DC
Rated Output Current:	20 A

Tested according to: EN 60950-1:2001

The product was tested on a voluntary basis and complies with the following essential requirements. The certification mark shown above can be affixed on the product. The certification mark must not be altered in any way. See also notes overleaf.

Test report no.: 090-303504-100

Date, 2007-03-15

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Typical Model Designation: NQ 03 025 H M A 20 XXX X
 I II III IV V VI VII VIII IX

I – Model Series: NQ = NiQor, Non-Isolated, single-output
 (listed values only)

Nominal
 II – Input Voltage: 03 = 3.0-3.6 V
 (listed values only) 04 = 3.0-5.5 V
 05 = 4.5-5.5 V
 10 = 10.2-13.2 V
 12 = 9.6-14.4 V
 16 = 6.0-16.0 V

Nominal
 III – Output Voltage: All values up to 050 = 5.0 VDC maximum (single output)
 W50=0.7-5.0 V
 T50= 0.7-5.0 V

IV – Package size : V – Vertical
 (listed values only) H – Horizontal
 S – Surface Mt- 0.53 x 1.3"
 N – Surface Mt w/o trim – 0.53 x 1.3"
 P – SMT-SPA, 0.4" x 0.9"
 Q – SMT w/trim-SPA, 0.4" x 0.9"

V – Performance : M – Mega
 (listed values only) G - Giga
 K – Kilo

VI – Heat Spreader : A – Open Frame
 (listed are examples only) B – Base plate

VII – Rated output current : 20 A max. 0-3.3 V DC
 16 A max. 3.3-5.0 V DC

VIII – Options Suffix: Suffix letters and/or numbers denoting non-safety-critical options such
 as, but not limited to, positive or negative logic, pin configuration, etc.

IX – Option Suffix G - Rohs

Note:
 Maximum rated output power for Mega and Kilo series is 80 Watts.

License Conditions:

1. All secondary output circuits are SELV and are not hazardous energy levels.
2. All models are intended to be supplied from an isolated secondary circuit.
3. Abnormal and Component Failure Tests for model NQ03025VMA15SRS was conducted with the power supply input protected by a 3AG, rated F125 V dc, 20 A. If a fuse greater than 20 A is used, additional testing may be required.
4. Model NQ03025VMA15SRS was tested with 300 LFM airflow

Date: 2007-03-15