

REFUso/ 020K-SCI

20 KW Commercial PV Inverter

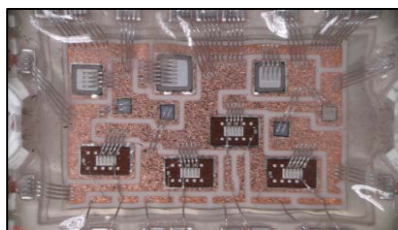
Silicon Carbide transistors allow a weight reduction and performance improvement
Peak efficiency ratings of up to 98.7% on a wide input voltage range

REFUso/ 020K-SCI model has enabled REFUso to receive Plus X Award for this inverter using Silicon Carbide technology.

With a nominal power of 20KW AC, the transformerless inverter, which provides one MPPT and a peak efficiency of 98.7%, has been distinguished for innovation, high quality, functionality and ecology. The system uses specific power modules from Danfoss. One of the modules uses Silicon Carbide MOSFET Transistors from Rohm.

System Plus Consulting is publishing the reverse costing report of the REFUso/ 020K-SCI.

Based on a complete teardown analysis, the report provides the bill-of-material of the product, an estimation of the production cost of the inverter as well as physical and economical analysis of Danfoss power modules.



REVERSE COSTING ANALYSIS

REPORT BY 

PV Inverter
184 pages
March 2014
Pdf file
Xls file

PRICE :

Full report: EUR 4,490

COMPLETE TEARDOWN WITH:

- Detailed Photos
- Material Analysis
- Bill of Material
- Power modules
- Manufacturing Process Flow
- Manufacturing Cost Analysis
- Selling Price Estimation

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Please process my order for "REFUsoI 020K-SCI" Reverse Costing Analysis

Ref.: SP14160

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*For price in dollars please use the day's exchange rate

*All reports are delivered electronically in pdf format

*For French customer, add 20 % for VAT

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The present document is valid 6 months after its publishing date: March 13th, 2014.

BILLING CONTACT

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ABOUT SYSTEM PLUS CONSULTING

System Plus Consulting specializes in the **cost analysis** of electronics, from **semiconductor devices** to **electronic systems**, and has developed a complete range of services and costing tools to provide **in-depth production cost studies** and to estimate the **objective selling price** of a product.

COSTING SERVICES

- ✓ **On demand Reverse Costing studies** are performed on ICs, ASICs, MEMs, Power Devices, ECUs, electronic boards and full electronic systems.
- ✓ **The catalog of available reports** includes cost analyzes on MEMS, LEDs, Modules and Electronic systems.

All these analyses are performed using in-house developed, proprietary costing tools and their technological databases.

COSTING TOOLS

« Purchaser » tools

- ✓ IC Price+ to estimate the cost of any integrated circuit
- ✓ Power Price+ for any power component or module

- ✓ PCB Price+ for printed circuit boards
- ✓ SYS.Cost+ for electronic boards and systems

Cost Simulation Tools, process flow based

- ✓ MEMS CoSim+
- ✓ LED CoSim+
- ✓ Power CoSim+
- ✓ 3D Package CoSim+
- ✓ Sapphire CoSim+

Other costing models can be developed according to customer specifications

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