

PRESS RELEASE

CISSOID introduces a new family of High Temperature Power MOSFET Transistors

Mont-Saint-Guibert, Belgium – November 2009. CISSOID, a leader in high temperature semiconductor solutions, introduced a new family of High Temperature 40V N-channel power MOSFET Transistor guaranteed for operation from -55°C up to +225°C. These new devices named CHT-NMOS4005, CHT-NMOS4010 and CHT-NMOS4020 are rated respectively for 5A, 10A and 20A maximum drain current.

The CHT-NMOS40 power MOSFETs exhibits outstanding high temperature performances, At 225°C, CHT-NMOS4005's gate leakage current remains below 500nA, while its drain off current is as low as 10µA and its turn-on delay time is 30ns. On-resistance and input capacitance of the family range respectively from 0.15Ω to 0.40Ω and from 460pF to 1.4nF.



The CHT-NMOS40 family of CISSOID enables the design of any system requiring reliable power control in a harsh environment from -55°C to +225°C, from motor drivers, DC-DC

converters and SMPS, to inverters. With CHT-NMOS40, system designers can improve cost, reliability and weight whilst banning fluid cooling from their application such as industrial process control, car battery chargers and aircraft actuators.

CHT-NMOS4005 and CHT-NMOS4010 are available immediately for sampling and evaluation in TO-254 Metal Can package. Pricing starts at 201.40€ up to 200 units. For more information, visit www.cissoid.com or contact the company's representatives at www.cissoid.com/company/about-us/contacts.html.

– End –

About Cissoid - www.cissoid.com

Cissoid is a leader in high temperature electronics providing monolithic semiconductor solutions, and the pioneer in Silicon-on-Insulator (SOI) products with over 20 years of background and R&D in SOI. As a leading fabless semiconductor company, Cissoid delivers standard products and custom solutions meeting high temperature requirements, primarily to the Oil & Gas, Aerospace and Automotive markets.

Press Contact:
Laurent Demeus
e-mail : laurent.demeus@cissoid.com
Tel. : +32 10 48 92 10