

To whom it may concern  
February 2012

## RoHS

RoHS – Restriction of the use of certain hazardous substances in electrical and electronic equipment, 2002/95/EC is a regulation from the European Community. It entered into force 2006-07-01. The purpose is to protect human health and the environment.

Latest update of RoHS directive, 2011/65/eu, entered into force 2011-07-01.

**We hereby confirm that all RoHS labelled Printed Circuit Boards (PCBs) supplied by NCAB Group complies with the latest RoHS directive.**

The RoHS directive restricts the use of:

*Lead*

*Mercury*

*Cadmium*

*Hexavalent chromium*

*Polybrominated biphenyls (PBB)*

*Polybrominated diphenyl ethers (PBDE)*

*PBB* and *PBDE* are brominated flame retardants. These are not used in PCBs. The brominated flame retardant used in PCBs is *TBBP-A* (Tetrabromobisphenol-A). This is not restricted by RoHS.

*TBBP-A* is a reactive flame retardant (in FR4) which means in practical that the risk for leakage to the environment is very low.

NCAB takes concern of the environment and is proactive towards our factories. PCB production includes many chemicals and NCAB is actively taking part of the environmental debate. NCAB is ISO14001 certified.

Stockholm,

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