

MEMO

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To	PCB manufacturers	Copy	PCB/SMT WG, ESA PA managers, M Nikulainen

Subject: Traceability of PCB procurement

1 INTRODUCTION

PCBs are procured in accordance with ECSS-Q-ST-70-11C. Company specific procurement documents may define requirements in addition to the ECSS-Q-ST-70-11C. Likewise, additional requirements may be specified in the Process Identification Documents (PID) of PCB manufacturers that are qualified in accordance with ECSS-Q-ST-70-10C. The PID is subject to approval by the qualification authority.

The Certificate of Conformance (CoC) provides compliance to the used procurement specification. In addition, this memo specifies that the CoC shall provide compliance to the applicable PID.

2 CERTIFICATE OF CONFORMANCE

The ECSS qualified PCB manufacturer shall declare on the CoC one of the three compliance categories, as mentioned below:

- *C: Compliant to PID version nr ...*
- *PC: Partly compliant to PID version nr ..., with the following deviations approved by the procuring authority: ... (followed by a list of deviations or a reference to this)*
- *N/A: PID is not applicable*

The PCB manufacturer shall declare to the procuring authority the compliance to the PID during the procurement phase of the PCB, at the Design Review and at the Manufacturing Readiness Review.

The PID version number (nr) shall be valid at the time of procurement, as indicated on www.escies.org/pcb/. In case the qualification period has expired (in accordance with QT/2013/731/SH), it shall be declared on the CoC as partial compliance to the PID.



It is the responsibility of the procuring authority to submit a Request For Approval (in accordance with QT/2014/148/SH) to the final customer for any partial compliance or non-applicability of the PID.

In the PCB manufacturer's documentation systems and electronic databases, it should be possible to categorise and select PCB procurement orders as per these compliance categories.