

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	18-Sep-20
Change ID:	ECO-01389	System(s):	All Verity releases
Product:	Alternate equivalent circuit board component.		

Change Summary Description

Summary Description: ECO-01389 serves two primary purposes: the addition of an alternate equivalent circuit board component on the Approved Manufacturers List, an updated revision of the same part, and to do clerical housekeeping on manufacturing documentation.

Reason for Change: Correct clerical errors and alternate equivalent part to improve lead time and availability.

Change Evaluation		Comments
<input type="checkbox"/>	The change affects the form, fit or function of the equipment and therefore requires hardware testing to be performed. The testing requirements are defined in the Hardware Test Matrix table below. Any changes made to a system under test will result in the manufacturer supplying a list and detailed description of all changes.	N/A
<input checked="" type="checkbox"/>	De Minimis change order: A de minimis change order is a change to a certified voting system's hardware, software, Technical Data Package (TDP), or data, the nature of which will not materially alter the system's reliability, functionality, capability, or operation.	The requested changes do not affect the system's reliability, functionality, capability, operation or software.
<input checked="" type="checkbox"/>	System documentation: The manufacturer has provided a description of how this change will impact any relevant system documentation and has provided the updated documentation, if applicable.	Updated AML will not go into effect until after the EAC ruling.




Summary Comments

SLI performed a comparison of key specifications for the TPS54540DDA, 5-A step-down DC-to-DC converter and their preferred replacement the TPS54540BDDA. Analysis showed the manufacturer specifications are equivalent or better for the preferred replacement with respect to reliability, performance characteristics, ESD ratings, and electrical characteristics.

All proposed clerical corrections on manufacturing documentation is appropriate.

SLI has assessed the propose changes in ECO 01389, including supporting documentation. The requested change does not affect the system's reliability, functionality, capability, operation, or software. SLI considers the nature of this change to be De Minimis and therefore not to affect the Federal certification status for all applicable Verity releases. No additional testing is required at this time.

As required under section 3.4.3 of the EAC's Voting System Testing and Certification Program Manual Version 2.0, Hart InterCivic has provided the necessary information to verify the ECO 01389 change is De Minimis.

	Approved by/Title	Signature:	Date:
	Darrick E. Forester Hardware Test Engineer		18-Sep-20
	Traci Mapps Director		18-Sep-20