

NVE Corporation

Product Change Notification

Type: Advanced Product Change Notification
 Product Change Notification

Date: 2020-4-16

PCN Tracking Number: PCN 20-01

Subject: PCN IL515E

To: Distribution

NVE Part numbers affected: IL515E	Customer part numbers affected: NA
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Description of change(s): Major Change, non-FFF compatible. Change of pin out eliminated SYNC and OE pins. Also, change of packaging subcontractor. (New subcontractor for this part but has been a subcontractor for us for other parts for many years.)

Method of Identifying Changed Product(s): Lot # >200902

Reason for the change(s): Allow packaging the IL515E. Current packaging subcontractor has been shut down by the COVID-19 pandemic.

The old design IL515E used a unique leadframe and mold design that allowed “SYNC” and “OE” pins (IL500-Series datasheet Rev. O). These functions were rarely used by customers, and the subcontractor with the required tooling has been shut down by the COVID-19 pandemic. We can continue to supply a new version that is identical in form, fit, and function except without the “SYNC” and “OE” functions (IL500-Series datasheet Rev. P).

Anticipated Impact:

Form: May have Thailand marking instead of India marking

Fit: No impact

Function: All functionality that required SYNC pin is lost. All functionality that required OE pin is lost.

Quality: No impact

Reliability: No impact

Proposed First Ship Date: 5/8/20, which, in accordance with J-STD-046, will require customer approval.

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Qualification Schedule: Qualification plan completion date: 5/8/20

Date when Qualification samples available: NA

Last Date of Manufacture of Unchanged Product: See reason for change above. We have one lot of current construction at current packaging subcontractor but it is not clear when, or if, that lot will actually be processed into packaged parts.

For customers who required the full functionality of the Unchanged Product we have the IL815E available for last-time buy. This part is pin-for-pin compatible with the unchanged IL515E product, and has better speed and temperature specifications.

NVE Contact Information:

NVE Corp.
11409 Valley View Road
Eden Prairie, MN 55344-3617
952-829-9217
orders@nve.com

Device material declaration will be updated.

Response Required: Please acknowledge this PCN within 30 days.

For additional information or comments regarding this change, contact stratton@nve.com

Sincerely,

Tom Stratton
Quality Manager