# ENGINEERING CHANGE NOTICE

| PRODUCTS AFFECTED: | PRODUCTS DESCRIPTION: | ECN #: |
|---|---|---|
| DLP-RFID2 | 13.560 MHZ RFID READER & WRITER MODULE | DLP102326-01 |

## DESCRIPTION OF CHANGE:

NEWER-GENERATION, GENERAL-PURPOSE MICROCONTROLLER (MCU) USED IN VERSION 2.0.

## JUSTIFICATION OF CHANGE:

THE GENERAL-PURPOSE MICROCONTROLLER USED IN PRIOR VERSIONS OF THE MODULE HAS NOT BEEN MANUFACTURED BY TEXAS INSTRUMENTS NOR HAS BEEN AVAILABLE FOR SALE IN 2026 YTD.

## SCOPE OF CHANGE:

### ELECTRICAL:

RADIO FREQUENCY PERFORMANCE AND RELATED CERTIFICATIONS REMAIN UNCHANGED AS FOLLOWS:

| Regime | Classification | Governing text | Action required |
|---|---|---|---|
| **FCC (USA)** | Class I permissive change | 47 CFR §2.1043(a), (b)(1); 47 CFR §2.932(b); KDB 178919 D01 | No filing required, keep same FCC ID and P/N. |
| **ISED/IC** | Class I permissive change (C1PC) | RSP-100 Issue 12, §10 and §10.1 (non-RF modifications added to C1PC in §11.1) | No filing required, keep same ISED/IC ID and P/N. |
| **CE-RED (EU)** | Design change under continuing manufacturer obligations | Directive 2014/53/EU Art. 10(3), Art. 17, Art. 21, Annex V, Annex VI | Update Module A Self-Declaration, Technical File and Declaration of Conformity |

ALL OTHER ELECTRICAL SPECIFICATIONS REMAIN UNCHANGED.

### MECHANICAL:

ALL DIMENSIONS, LAYOUT AND PIN-OUT ARRANGEMENT REMAIN UNCHANGED.

### FUNCTIONALITY:

A NEW FIRMWARE IS USED TO CONTROL THE NEW MCU. USERS ARE ADVISED TO VERIFY PROPER COMMUNICATION BETWEEN THE VERSION 2.0 MODULE AND ITS HOST DEVICE.

THE VERSION 2.0 MODULE WILL READ AND WRITE A SIGNIFICANTLY BROADER SPECTRUM OF RFID TAGS.

ALL OTHER FUNCTIONALITIES OFFERED IN PREVIOUS VERSIONS REMAIN UNCHANGED.

## NOTIFICATIONS TO USERS:

- USERS ARE ADVISED TO TEST THE NEW VERSION 2.0 MODULE, AS A PRECAUTION AND REPORT ISSUES.
- NO MAJOR ISSUES / IMPACT ARE FORESEEN AS A RESULT OF THIS CHANGE.
- OPEN AND NEW PURCHASE ORDERS WILL BE SERVICED WITH VERSION 1.9 OR 2.0 MODULES INDISTINCTLY.

***FOR ANY TECHNICAL SUPPORT PLEASE CONTACT OUR ENGINEERING TEAM AT:***
***SUPPORT@DLPDESIGN.COM***

| DURATION: | APPROVAL: | EFFECTIVE DATE: |
|---|---|---|
| PERMANENT | ED GARZA, CEO | OCTOBER 23, 2026 |

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