Product Change Notification (PCN)

PCN #: 6E-2022   *DATE: 10th August 2022*

1   PRODUCTS AFFECTED

Laird Part Number	Description
CL4490-1000-232	ConnexLink 900MHz 1W RS232
CL4490-1000-232-SP	ConnexLink 900MHz 1W RS232 Starter Pack
CL4790-1000-232	ConnexLink 900MHz 1W RS232
CL4790-1000-232-SP	ConnexLink 900MHz 1W RS232 Starter Pack
CL4490-1000-485	ConnexLink 900MHz 1W RS485
CL4490-1000-485-SP	ConnexLink 900MHz 1W RS485 Starter Pack
CL4790-1000-485	ConnexLink 900MHz 1W RS485
CL4790-1000-485-SP	ConnexLink 900MHz 1W RS485 Starter Pack
CL4490-1000-PRO	ConnexLink 900MHz 1W RS232/422/485
CL4490-1000-PRO-SP	ConnexLink 900MHz 1W RS232/422/485 Starter Pack

2   DESCRIPTION OF CHANGES

All changes have been applied to the part numbers listed above:

- Changed Qorvo RF power amplifier (RF6886)
- Changed RF filters (LPF ceramic and BPF SAW) but with similar specifications.
- 14.7456MHz crystal changed and body size reduction, but with similar specification.
- Passive component body size reduction
- and therefore, PCB layout changed

3   REASON FOR CHANGE

The Qorvo RF power amplifier (RF2173) used on old pre-revision 2.0 hardware is now EOL (End of Life).
Improve manufacturing processes and supply chain capability for required components.

4   ANTICIPATED IMPACT OF THE CHANGE:

- Regulatory Test and resubmission with new FCC and ISED IDs
- Updated labelling
- RF performance maintained from prior hardware revisions
- No software changes.
- No form, fit or function changes.

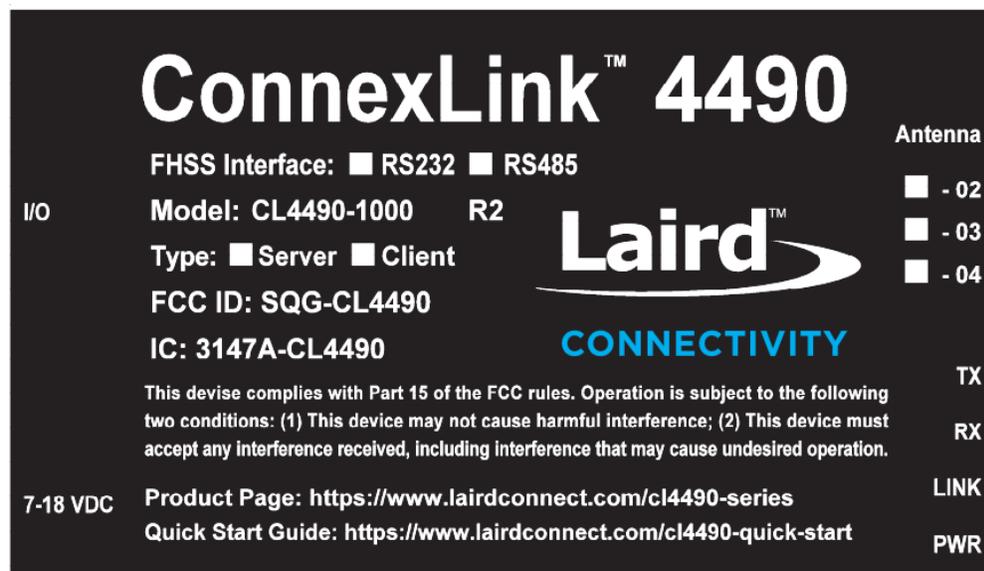## 5   METHOD OF IDENTIFYING THE CHANGED PRODUCT

5.1   Product Label (on device) for Revision 2.0 Hardware

- **CL4490-1000-232 / CL4490-1000-485**
  - New FCC and ISED ID's
  - Replace with Laird Connectivity Logo
  - Remove Laird Technologies support link
  - Add R2, Product Page and Quick Start Guide to product label,

Before Change (Rev.1)

After Change (Rev.2)

The information in this document is subject to change without notice.

- **CL4790-1000-232 / CL4790-1000-485**
    - New FCC and ISED ID's
    - Replace with Laird Connectivity Logo
    - Remove Laird Technologies support link
    - Add R2, Product Page and Quick Start Guide to product label

Before Change (Rev.1)

After Change (Rev.2)

The information in this document is subject to change without notice.

- **CL4490-1000-PRO**
  - New FCC and ISED ID's
  - Replace with Laird Connectivity Logo
  - Remove Laird Technologies support link
  - Add R2, Product Page and Quick Start Guide to product label,

Before Change (Rev.1)

After Change (Rev.2)

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5.2 Side Label for Revision 2.0 Hardware

- Replace with Laird Connectivity Logo
- Add revision code "R2" and Part number
- Change date code rule to SSYYWWD

  SS = Supplier code
  YY = last two numbers of the year (ex: 18=2018, 19=2019)
  WW = Week of the year
  D = day of the week (ex: Sun=1, Mon=2, Tue=3, Wed=4, Thu=5, Fri=6, Sat=7)

  Below is generic label image for revision 2.0 hardware

5.3 Box Label for Revision 2.0 Hardware

- Replace with Laird Connectivity Logo
- Add Revision Code "R2" and Quick Start Guide to Box Label as follows

  Below is generic label image for revision 2.0 hardware

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5.4   Carton Label for Revision 2.0 Hardware

- Replace with Laird Connectivity Logo
- Add Revision Code "2" to Carton Label as follows:

Below is generic label image for revision 2.0 hardware

6   FACTORY EFFECTIVITY DATE

The hardware revision 2 and label changes will be implemented into manufacturing starting from Q4 2022.

SS = Supplier code

YY = last two numbers of the year (ex: 18=2018, 19=2019)

WW = Week of the year

D = day of the week (ex: Sun=1, Mon=2, Tue=3, Wed=4, Thu=5, Fri=6, Sat=7)

Laird Part Number	Factory Effectivity – Date Codes
CL4490-1000-232	1722482
CL4490-1000-232-SP	1722482
CL4790-1000-232	1722482
CL4790-1000-232-SP	1722482
CL4490-1000-485	1722482
CL4490-1000-485-SP	1722482
CL4790-1000-485	1722482
CL4790-1000-485-SP	1722482
CL4490-1000-PRO	1722482
CL4490-1000-PRO-SP	1722482

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7 CONTACT INFORMATION:

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Contact	https://www.lairdconnect.com/contact

Product Change Notices (PCNs) will be distributed at the discretion of Laird Connectivity. Occasionally, Laird Connectivity may adjust product revision levels for internal tracking purposes only, and customers may not receive formal notifications associated with those revision changes.

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