1. Product Unboxing

| Step 1 | Step 2 | Step 3 | Step 4 |

Figure 1 Unboxing Steps

2. Kit Contents

USB Type-C Cable

10BASE-T1L Media Converter

Harting Cable*

CAT5E Ethernet Cable
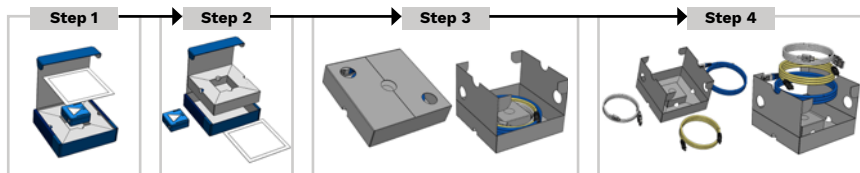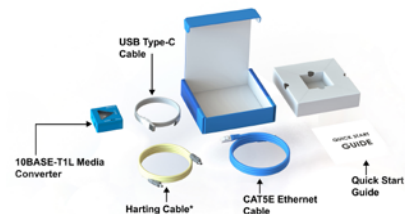
Quick Start Guide

Figure 2 Kit Contents

1. 10BASE-T1L to 10BASE-T Media Converter Platform
2. USB type-A to type-C Cable for power supply
3. SPE Harting Cable Assembly (33280101001005) with IEC63171-6 connectors
4. CAT5E Ethernet Cable Assembly with RJ45 connectors
5. Quick Start Guide

Note: * indicates the item is not provided in every kit along with 10BASE-T1L Media Converter Device.
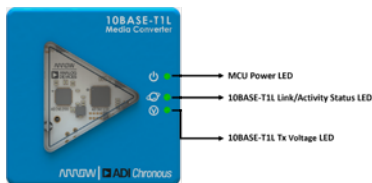
3. Product Overview
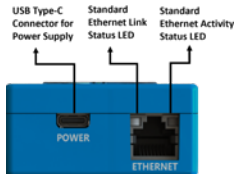

Figure 3 Top view of 10BASE-T1L MC

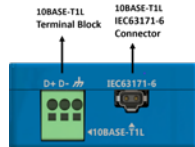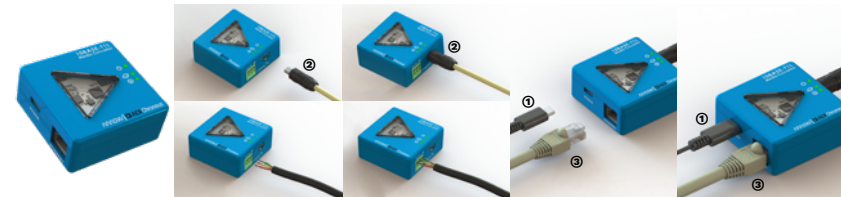**Figure 4 Side view of 10BASE-T1L MC**

Figure 5 Side view of 10BASE-T1L MC

3.1 Features

1. The 10BASE-T1L-MC is used for media conversion between two analog devices PHYs, 10BASE-T1L PHY (ADIN1100CCPZ) and Standard 10BASE-T PHY (ADIN1200CCP32Z).
2. Operates on +5V ± 10%, 500mA USB supply over type-C connector
3. Screwless terminal block to connect all types of 10BASE-T1L SPE cable
4. SPE connector supporting IEC63171-6, one of the SPE connector standards.
5. Shielded RJ45 connector with LEDs to access 10BASE-T
6. Both the PHYs supports 10Mbps full-duplex auto-negotiation mode.

3.2 Device cable connections

① **Type-C Cable** **Note:** In 10BASE-T1L MC, at a time only single connector, Harting or Terminal Block can be connected based on the application

② **Harting SPE Cable**

③ **CAT5E Cable**