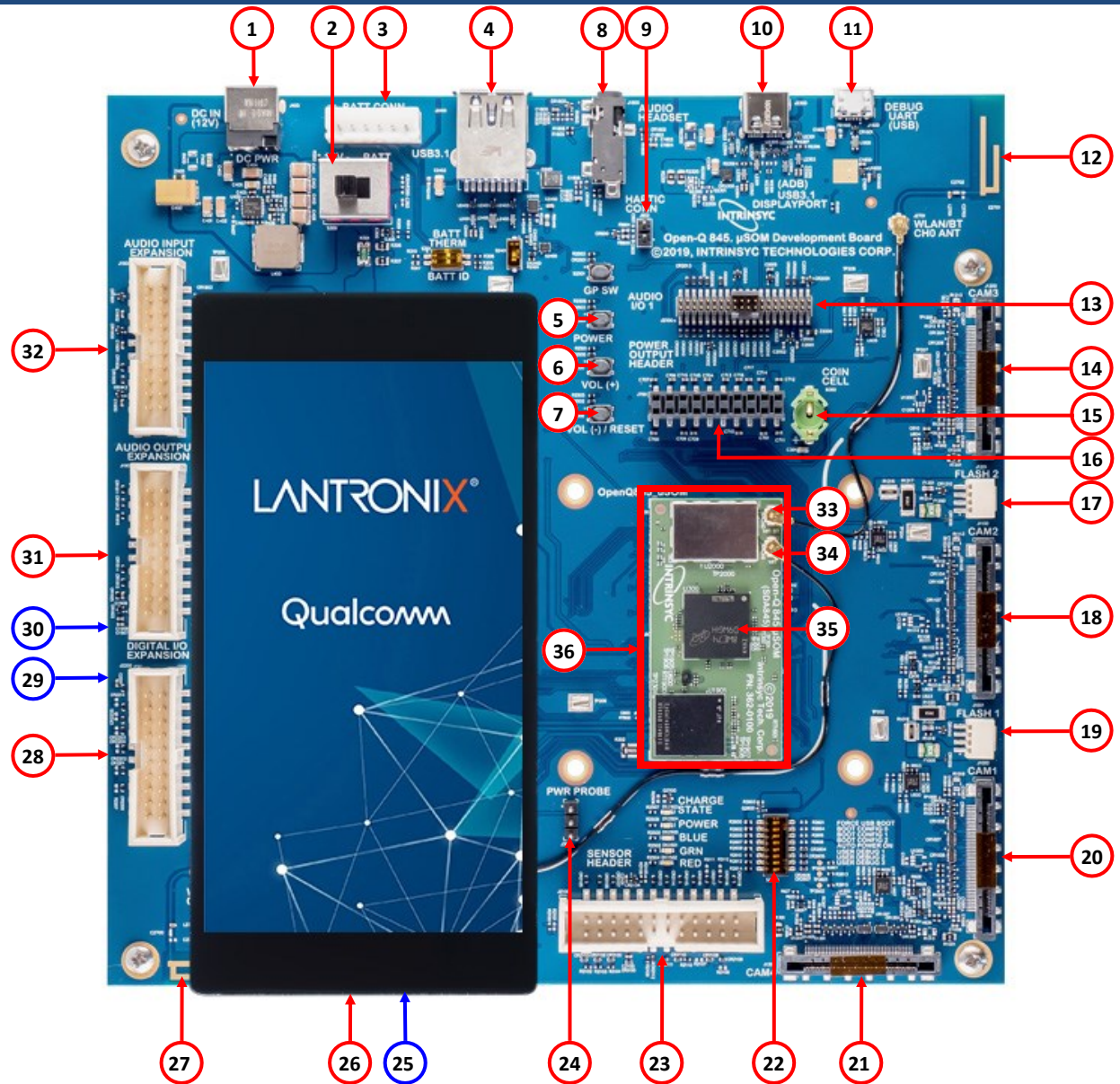


## Package Contents

1. Open-Q™ 845 μSOM with Qualcomm® SDA845 SoC
2. Open-Q™ 845 μSOM Carrier Board
3. AC Power Adapter
4. LCD/Touchpanel (Optional)

- |   |  |
|---|--|
| 1. 12V DC power jack                      | 21. MIPI Camera 4 Connector                  |
| 2. Power source switch (DC/Batt)          | 22. System configuration switches            |
| 3. Battery connector                      | 23. Sensor expansion header                  |
| 4. USB 3.0 Type-A Connector               | 24. SOM current sense header                 |
| 5. Power button                           | 25. Micro SD socket*                         |
| 6. Volume + button                        | 26. Open-Q™ LCD Touch Panel (optional)       |
| 7. Volume - button                        | 27. WLAN Channel 1 Antenna (PCB trace)       |
| 8. Audio Headset Jack                     | 28. Digital I/O connector                    |
| 9. Haptic Output Header                   | 29. Mini-PCIe Card Connector*                |
| 10. USB 3.0 Type-C connector              | 30. Mini-PCIe SIM Card socket*               |
| 11. USB debug UART Micro B                | 31. Audio Output expansion header            |
| 12. WLAN/BT Channel 0 Antenna (PCB trace) | 32. Audio Input expansion header             |
| 13. Audio I/O expansion header            | 33. WLAN/BT Channel 0 U.FL Antenna Connector |
| 14. MIPI Camera 3 Connector               | 34. WLAN Channel 1 U.FL Antenna Connector    |
| 15. Coin Cell Battery Holder              | 35. SDA845                                   |
| 16. Power Header                          | 36. Open-Q 845 System on Module (SOM)        |
| 17. Flash 2 Connector                     |  |
| 18. MIPI Camera 2 Connector               |  |
| 19. Flash 1 Connector                     |  |
| 20. MIPI Camera 1 Connector               |  |
- \* On Bottom side



Specifications are subject to change - 895-0014-00 Rev A

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## Development Kit Setup

**1. At a static-safe workstation, remove the development kit board carefully from the anti static bag**

**2. Connect the Power Adapter to the 12V DC Jack (1) and then press and hold the ON/OFF button (5) until you see the Intrinsic logo appear on the display (~3 seconds)**

### **3. Documentation and software**

To access the documentation (schematics, user guides, datasheets, programming guides, tech notes...), platform BSP software and much more, please register at:

<http://tech.intrinsyc.com>



## Development Kit Support

Should you require more information or assistance, you can contact us at:

<https://helpdesk.intrinsyc.com>

Intrinsic also provides technical information and videos on Snapdragon processors at:

<https://www.intrinsyc.com/resources>

Should you require additional technical support for your Development Kit you can easily purchase a technical support package from the Intrinsic store:

<http://shop.intrinsyc.com/collections/technical-support-packages>

Thank you for purchasing the Open-Q 845  $\mu$ SOM Development Kit

The Intrinsic Team