**Proven LTE technology. Advanced Security Features.**

The Intel® Atom™ x3-M7272 solution provides automobile manufacturers a full-featured wireless communications platform combined with an integrated CPU capable of powering advanced security features, such as firewalls, packet inspection, intrusion detection and intrusion prevention.

Intel Atom x3-M7272 leverages the global operator acceptance of the Intel® XMM™ 726x modem and Intel Atom x3 platform, enabling auto manufacturers to more rapidly commercialize their connected systems. It delivers Cat 6 LTE Advanced connectivity with download speeds up to 300 Mbps for data-intensive applications such as video streaming, 3D map downloads and software updates.

Integrated Wi-Fi, Bluetooth and GNSS extend the platform's high-speed LTE connectivity and user experiences to the in-vehicle environment, enabling Wi-Fi hot spot functionality for wireless video streaming, precision navigation, locking and unlocking doors, and connectivity to Bluetooth-enabled devices such as mobile phones, wireless headsets and more.

The solution's quad-core Intel Atom processor drives security features and extends system life and utility by providing processing power for future applications and services.
Product Features

Multi-radio Design for Cellular & Short-range Wireless Applications

- 5-mode LTE Advanced modem with data rates up to 300Mbps downlink
- Integrated 802.11ac Wi-Fi for in-vehicle “hot spot”
- Bluetooth 4.2 with BLE for in-vehicle sensor connectivity and door lock/unlock capability
- GNSS supporting all major standards
- Advanced thermal management providing connectivity in extreme conditions
- eCall support

Robust Security Features

- Virtual Machine (VM) for customer applications with hardware support
- Isolation of VM memory regions with hardware support to enable secure applications
- Interfaces assignable to VMs with hardware support
- Secure boot based on RSA data encryption with up to 4096 bit keys
- Hardware security lock to protect stored data

Long Life & Extensibility to Future Applications

- Integrated quad-core Intel® Atom™ processor
- Extended temperature, AEC-Q100 enabled silicon
- Integrated Ethernet MAC with AVB support
- Additional functionality based on firmware upgrades
- Long life availability & support program

Intel® Atom™ x3-M7272 Technical Specifications

<table>
<thead>
<tr>
<th>Modem</th>
<th>LTE Cat. 6</th>
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<tbody>
<tr>
<td></td>
<td>LTE FDD/TDD</td>
</tr>
<tr>
<td></td>
<td>DC-HSPA+</td>
</tr>
<tr>
<td></td>
<td>TD-SCDMA</td>
</tr>
<tr>
<td></td>
<td>GSM/GPRS</td>
</tr>
<tr>
<td>CPU</td>
<td>64-bit quad-core Intel® Atom™ processor</td>
</tr>
<tr>
<td>Memory</td>
<td>LP-DDR2/3 1x32 1066MT/s</td>
</tr>
<tr>
<td>Operating System</td>
<td>Distributed Ethernet</td>
</tr>
<tr>
<td>Connectivity</td>
<td>WLAN 802.11 a/b/g/n/ac Bluetooth* 4.1 +LE ; Concurrent + LE</td>
</tr>
<tr>
<td></td>
<td>Satellite Navigation: GPS, GLONASS, Beidou, Galileo + augmentation systems</td>
</tr>
</tbody>
</table>

For more information on Intel® Wireless products, visit:

http://www.intel.com/mobilecommunications

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