

NU5703 High-Voltage High-Current Bidirectional Power Switch

1 Feature

- Bi-directional Power Switch (BDPS)
- High-Side Blocking Capability
- Support 32V DC Absolute Voltage Stress
- **Support 35V Spike Absolute Voltage Stress with 5us duration**
- DC Input Voltage up to 22V Operation Voltage
- **Ultra-Low Conduction Resistance 7.4mohm at 5V Driver Voltage**
- **Transient Current Capability 100A with 1ms duration**
- 15A Current Conduction Capability
- **0.33mm Height for thermal coating consideration**
- Small Package, WLCSP 22, 2.1mm*2.1mm

3 Descriptions

The NU5703 is a high voltage, high current, bi-directional power switch, integrated with common source N-type MOSFETs.

Device Information

PART NUMBER	PACKAGE	BODY SIZE (NOM)
NU5703	WLCSP (22)	2.1mm×2.1mm

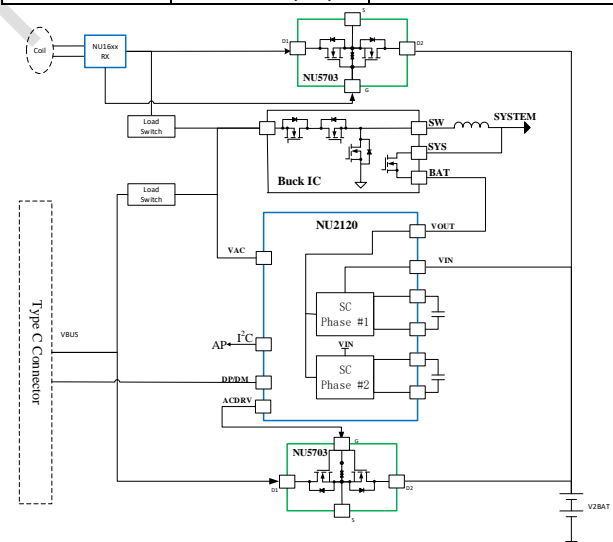


Figure 1-1. Simplified Application Diagram

2 Applications

- Smart Phone
- Tablet PC

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