IoT Node Discovery Kit

MB1297

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Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

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U_Top
Top.SchDoc

Title: **Overview**		
Project: **IoT Node Discovery Kit**		
Variant: L475VG-868		
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Title: **Top**		
Project: **IoT Node Discovery Kit**		
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Title: **MCU 1/2**		
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Title: **MCU 2/2**		
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ESD PROTECTION SHOULD BE CLOSE TO THE CONNECTOR

Title: **USB OTG FS**		
Project: **IoT Node Discovery Kit**		
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Title: **RF modules**		
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Title: **MEMS Sensors**		
Project: **IoT Node Discovery Kit**		
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Title: **NFC & STSAFE**		
Project: **IoT Node Discovery Kit**		
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5V PWR SELECTION FROM EXTERNAL SOURCES

GND PROBE

5V INPUT PWR FROM ARDUINO

5V / 800mA

3V3 PWR

3V3 / 800mA

Title: **Power supply**		
Project: **IoT Node Discovery Kit**		
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ARDUINO UNO connector

Title: **Arduino Uno V3 connector**		
Project: **IoT Node Discovery Kit**		
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RESET BUTTON

100nF should be place close to the MCU
10pF and 1K should be place close to the button

USER & WAKE-UP Button

100nF should be place close to the MCU
10pF and 1K should be place close to the button

USER LED

The 2 LEDs are top side

PMOD

Title: **Peripherals**		
Project: **IoT Node Discovery Kit**		
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Title: **ST-LINK/V2-1 with support of SWD only**		
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