LSM1x0A

Current Measurement Guide

Rev 1.1

SJIT

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Contents

History

Date	Contents	Version	
2023-09-14	Create	V1.0	
2024-01-31	Change the company name	V1.1	

1. Current Measurement

1.1 EVB LSM1x0A Setting

EVB LSM1x0A configuration is needed to measure current of LSM1x0A by using EVB LSM1x0A as below. A purpose of configuration is making you measure current of module, so for using EVB in ordinary situation you should restore that configuration as before.
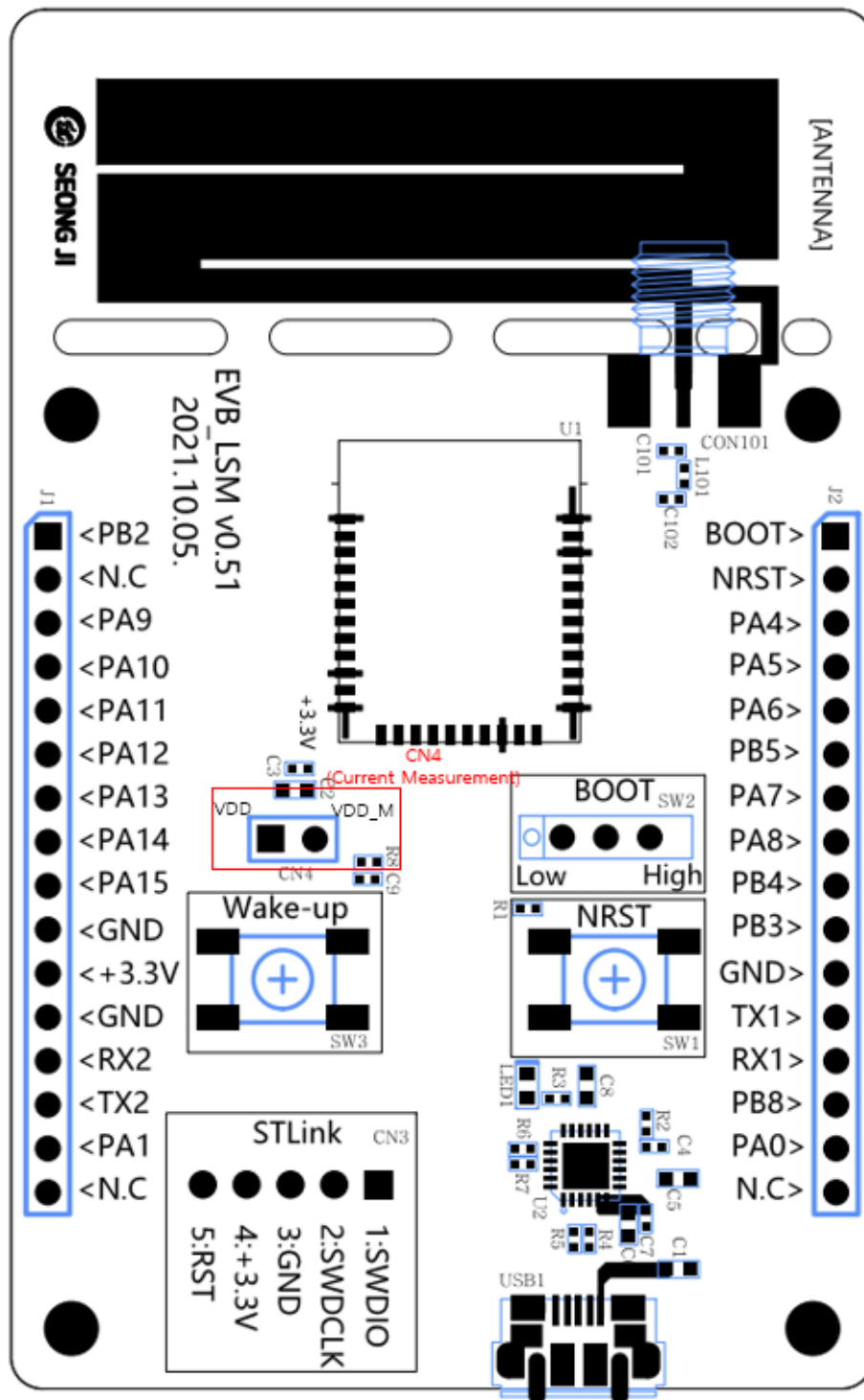

[Figure 1. Configuration of EVBLSM1x0A]

Category	Configuration
CN4 (VDD, VDD_M)	Open (remove jumper cap)
USB to Serial	Supply a power to the module by using USB1 port of EVBLSM1x0A

[Table 1. Cofiguration of EVBLSM1x0A]

1.2 Configuration of current measurement

A setting of configuration is needed to measure current as below Picture 2 in completely configured condition.
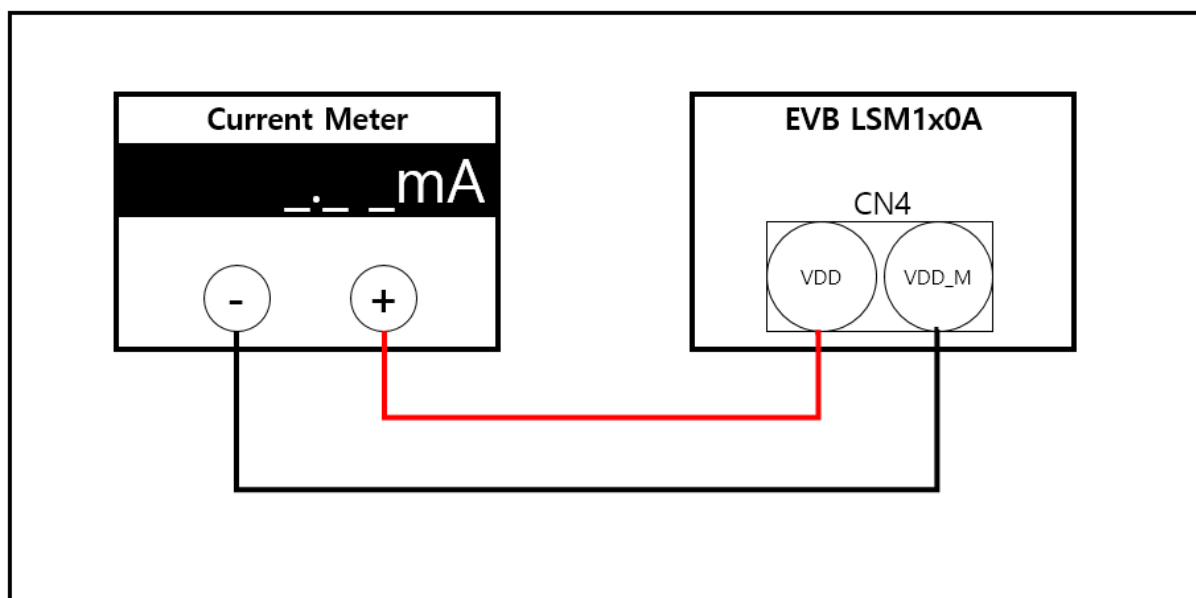
[Figure 2. Configuration of current measurement]