

Device Modeling Report

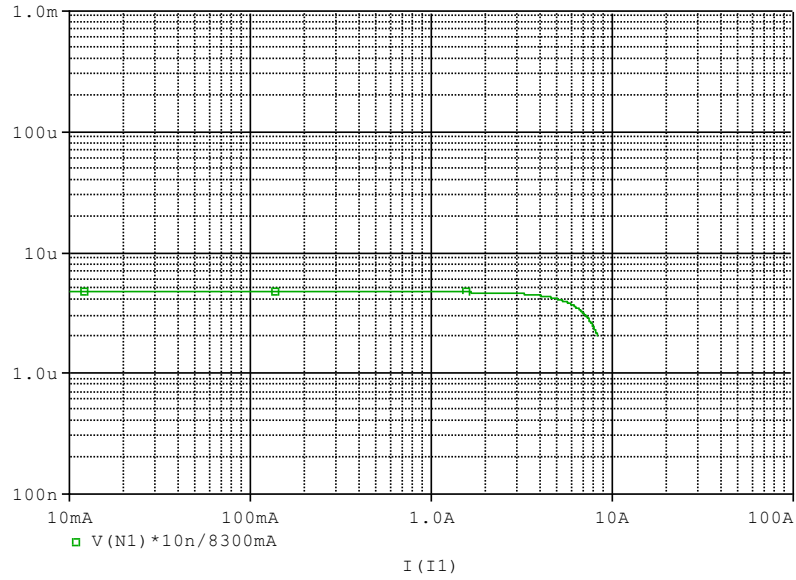
COMPONENTS: Inductor DC Model
PART NUMBER: LQH88PN4R7N38
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



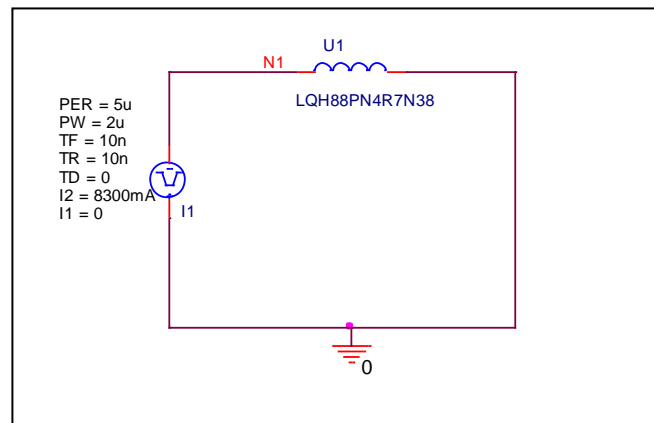
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

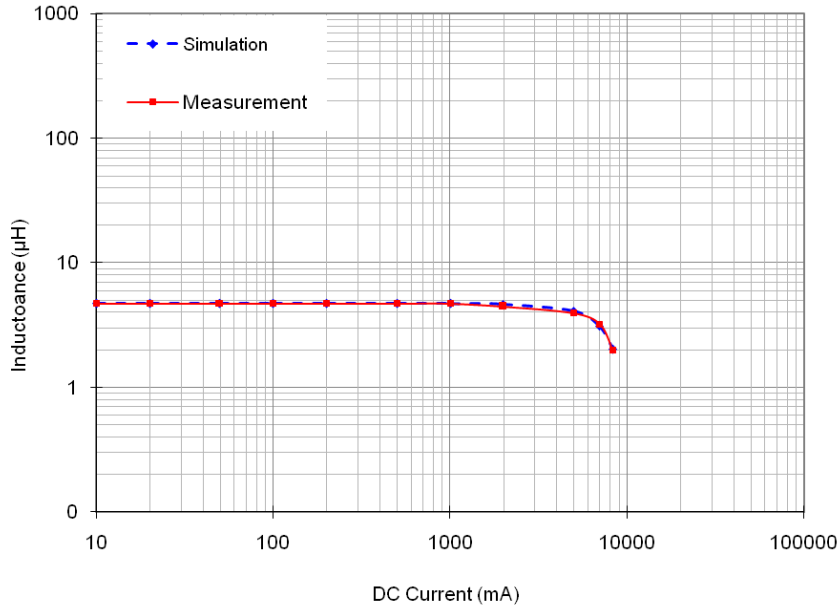


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	4.700	4.700	0.00
20	4.700	4.700	0.00
50	4.700	4.700	0.00
100	4.700	4.700	0.00
200	4.700	4.700	0.00
500	4.700	4.699	-0.01
1000	4.700	4.695	-0.10
2000	4.450	4.662	4.77
5000	3.950	4.113	4.11
7000	3.200	3.088	-3.50
8300	2.000	2.013	0.63