

Device Modeling Report

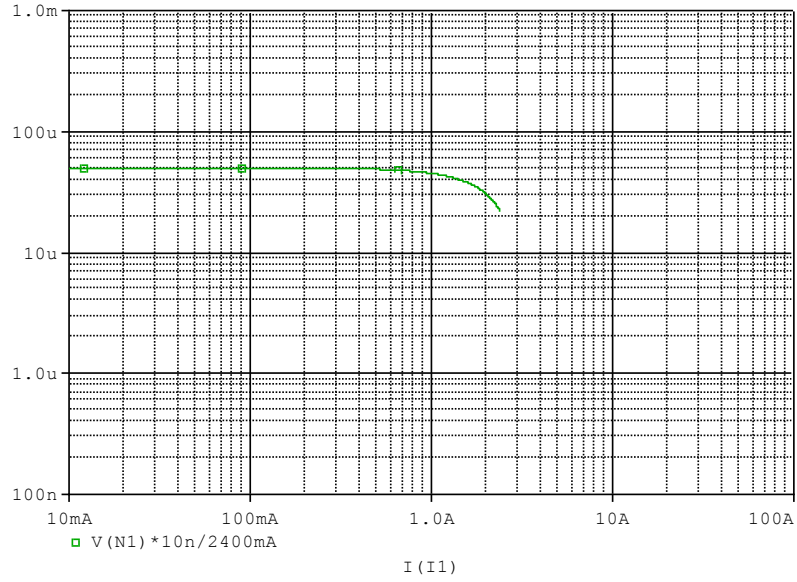
COMPONENTS: Inductor DC Model
PART NUMBER: LQH88PN470M38
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



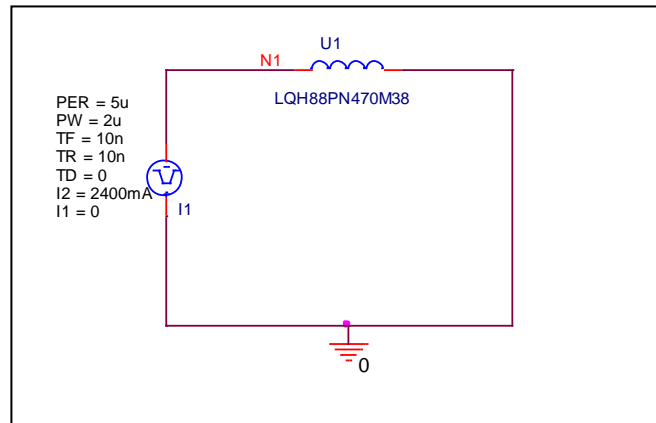
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

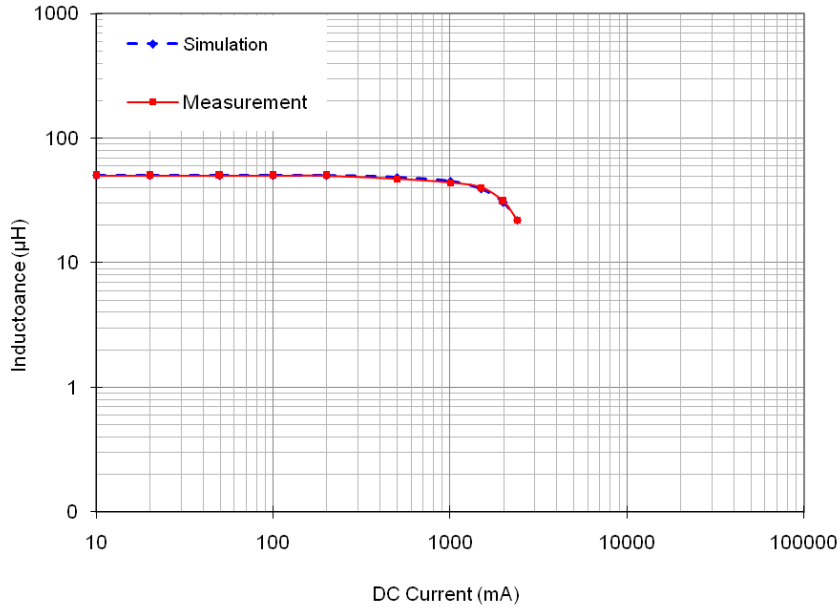


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	50.000	50.000	0.00
20	50.000	49.998	0.00
50	50.000	49.988	-0.02
100	50.000	49.951	-0.10
200	50.000	49.805	-0.39
500	47.000	48.782	3.79
1000	44.000	45.126	2.56
1500	40.000	39.032	-2.42
2000	31.000	30.501	-1.61
2400	22.000	21.922	-0.35