

Device Modeling Report

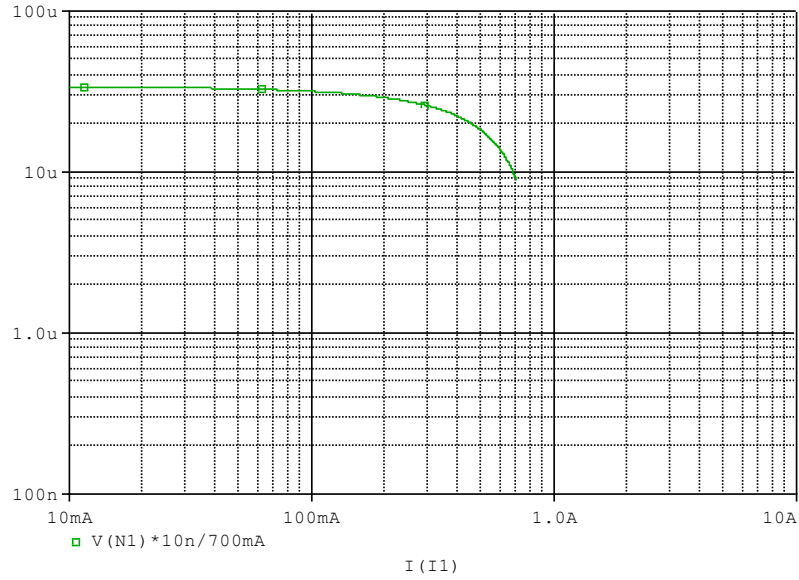
COMPONENTS: Inductor DC Model
PART NUMBER: LQH3NPN330MJ0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



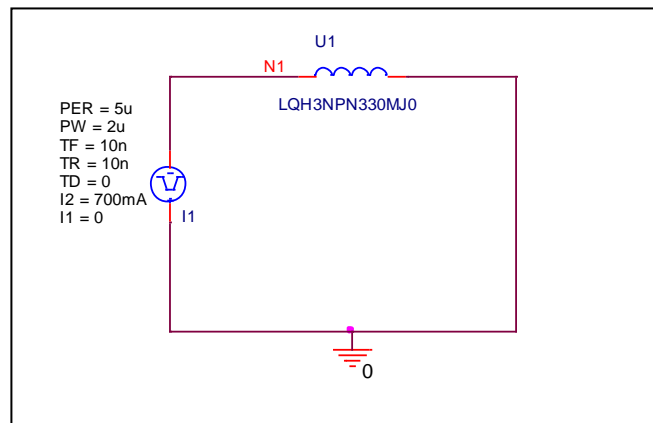
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

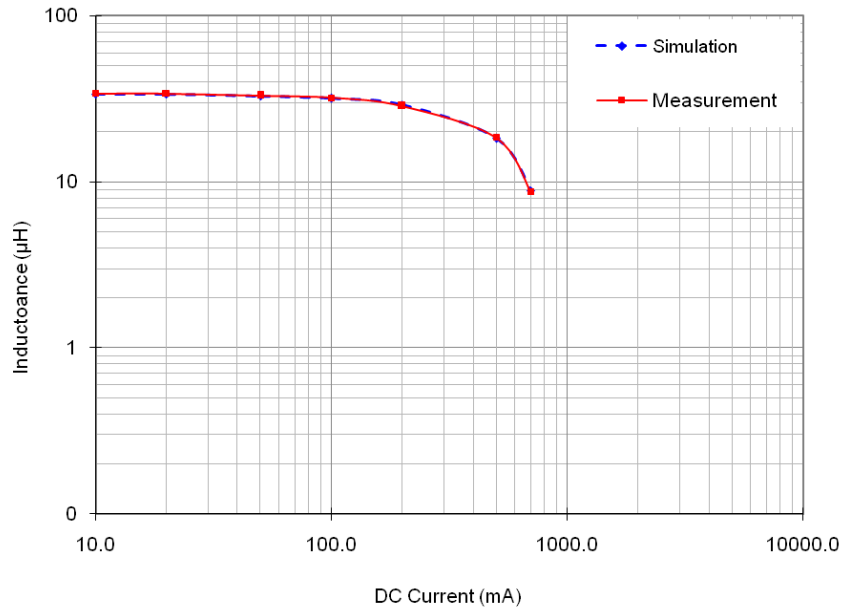


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	34.000	33.771	-0.67
20	34.000	33.558	-1.30
50	33.000	32.895	-0.32
100	32.000	31.701	-0.93
200	28.500	28.984	1.70
500	18.500	18.206	-1.59
700	8.700	8.829	1.49