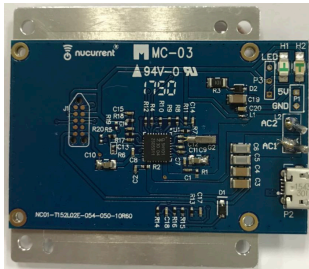
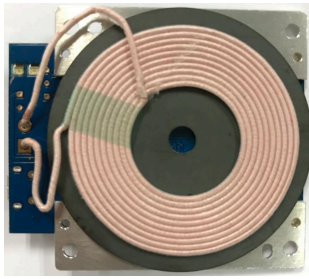


5W Wireless Charger Transmitter

Pulse Part Number SWA1281



Features

1. Plug-and-play electronics module design for fast end-product design and implementation.
2. Qi compliant system, insuring seamless integration and high performance.
3. Intended for use in consumer-electronics transmitter applications and with Qi-certified receivers
4. Offers 5W charging with thermal relief in a small, flexible package
5. Foreign Object Detection compliant with WPC Receivers (1.0, 1.1, and 1.2)

Electrical specifications

Parameters	Typical	Min	Max	Unit
V_{in}	5.0	4.5	5.5	V
I_{in} (at $P_{out} = 0W$)	0.1	0.09	0.11	A
I_{in} (at $P_{out} = 5W$)	1.55	1.45	1.65	A
Peak Efficiency (RX: IDT P9025)	74	72		%

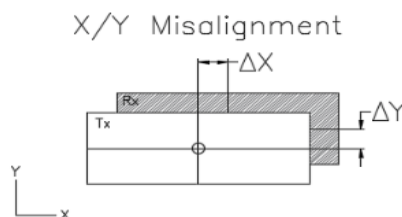
Spatial Operating Specifications

Parameters	Typical	Min	Max	Unit
Operating separation Z distance(1)	3	2	9	mm
X/Y misalignment tolerance(2)	0	-10	10	mm
Ambient temperature	25	-20	60	°C
Storage temperature	25	-40	85	°C

(1) The operating Z distance is defined as the follow:



(2) The X/Y misalignment is defined as the follow:



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