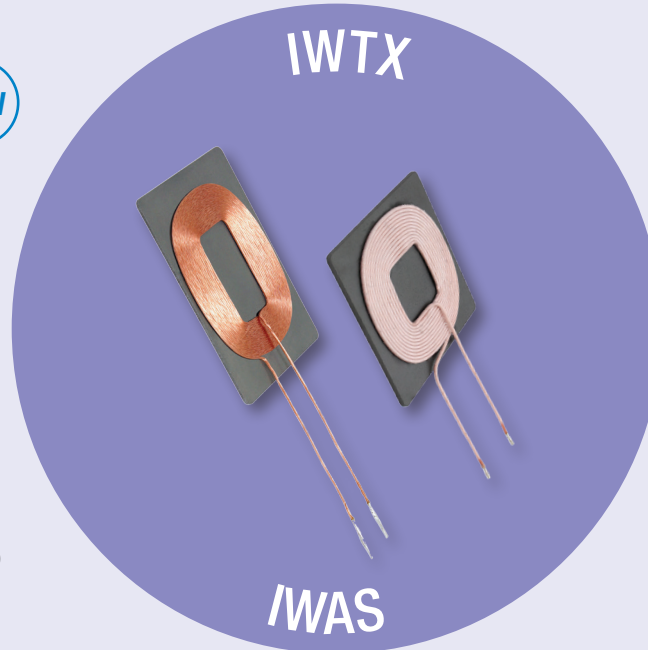
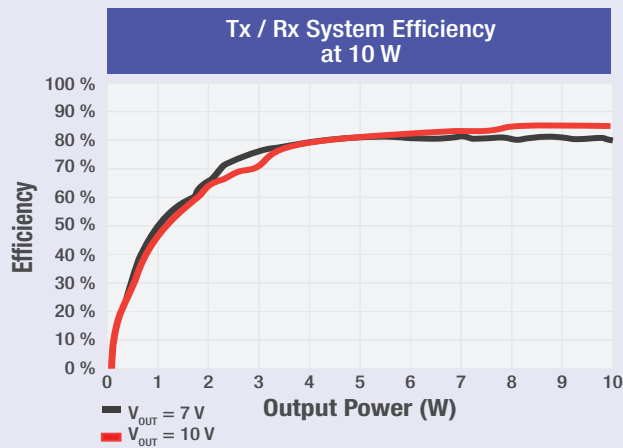




Qi-COMPLIANT WIRELESS TRANSMITTER AND RECEIVER COILS

10 W solutions deliver peak efficiencies up to 84 % with bq51025 receiver and a bq500215 transmitter from TI.

10 W



FEATURES

Transmitter coils (Tx) available in industry-standard types, including:

- A11
- A6
- MP-A9
- MP-A4
- MP-A2

Tx power ratings from **5 W** to **15 W**

Rx power ratings of **3.5 W** and **5 W**

RoHS-compliant

Part Number	Type	Power Rating (W)	Inductance (μH)	Typ. Q	Typ. DCR (m Ω)	Max. DCR (m Ω)	Typ. Heat Rating Current (A)
			at 100 kHz		at 25 °C		
IWTX50ROCZEB6R3KF1	A11 Tx	5 to 15	6.3	120	36	45	5
IWTX50RODZEB6R3KF1	A11 Tx	5 to 15	6.3	90	18	25	10
IWTX5590DZEB8R9KF1	MP-A4 Tx	15	8.9	98.5	47	55	6
IWTX5050CZEB6R3KF1	A11 Tx	5 to 15	6.3	120	36	45	5
IWTX5050DZEB6R3KF1	A11 Tx	5 to 15	6.3	90	18	25	10
IWTX5555DEEB100KF1	MP-A2 Tx	15	10	99	55	80	6
IWTX9955DEEB110KF3 ⁽¹⁾	MP-A6 Tx	15	11.3	85	76	90	6.5
IWTXA653FZEB120KF3 ⁽¹⁾	A6 Tx	5 to 10	11.5 / 12.5	123	60	80	6.5
IWTXA148DGE9R8KF3 ⁽¹⁾	MP-A9	15	9.8 / 10.2	100	60	80	7
IWTX5050DEEB100KF1	Tx	5 to 15	10	200	27	29.7	9
IWTX5050FEEB100KF1	Tx	5 to 15	10	200	27	29.7	9
IWAS3010AZEB130KF1	Rx	3.5	12.9	11	700	780	0.8
IWAS4832AEEB120KF1	Rx	5	12	33	145	200	3
IWAS4532AGEB140KF1	Rx	5	14	24	290	355	1.2

Note
⁽¹⁾ Three coils

APPLICATIONS

Transmitter coils (Tx) used in **Qi wireless charging pads** for **handheld battery-powered** devices

