

RoHS Compliant

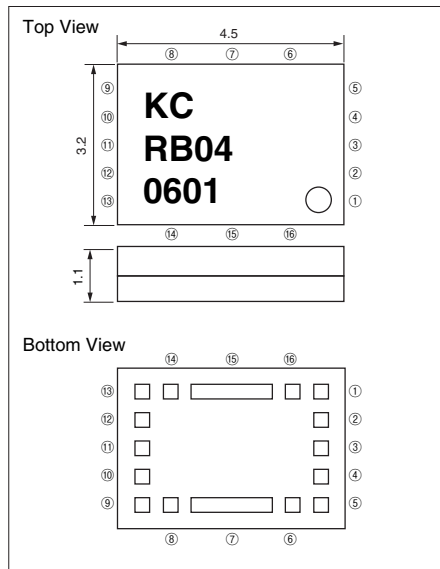
Features

- Excellent solution for CDMA cell phone with Bluetooth function
- Miniature size of 4.5×3.2×1.1mm
- Improved reception sensitivity (-88dBm typ.)
- Low power consumption (Tx: 36mA typ., Rx: 38mA typ.)
- Wide operating temperature range of -30 to +85°C

* Bluetooth Trademarks are owned by Bluetooth SIG Inc.

Dimensions

(Unit: mm)



Pin Assignment

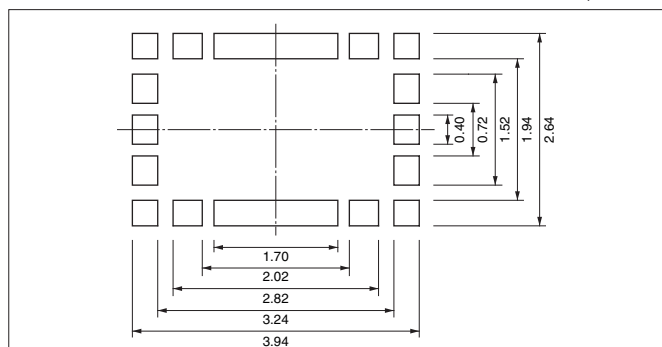
①	GND
②	LDO1
③	LDO2
④	XTAL_IN
⑤	SYNC_DET/ TX_EN
⑥	SBST
⑦	GND
⑧	RX_BB/ TX_BB
⑨	CLK_REF
⑩	SBCK
⑪	SBDT
⑫	VDD_MSM
⑬	N.C
⑭	VDD_A
⑮	GND
⑯	ANT

Specifications

	Unit	min.	typ.	max.
Power Supply VDDA	V	2.2	2.8	3.3
Power Supply VDD_MSM	V	2.5	2.7	2.9
Current Consumption				
Receive Mode	mA	—	37	40
Transmit Mode	mA	—	36	40
Standby Mode	μA	—	20	50
Ambient Temperature	°C	-30	25	85
Receiver RF Specifications RCV/ CA/ 02/ C (Sensitivity-Multi Slot Packets) DH5	dBm	—	-88	-81
Transmitter RF Specifications TRM/ CA/ 01/ C (Output Power) Class 2 Pave	dBm	-2	—	3

Recommended Land Pattern

(Unit: mm)



Recommended Reflow Profile

