

F8Z065-Transceiver



F8Z065-Tx Photo

Model number :F8Z065-Tx

F8Z065-Transceiver

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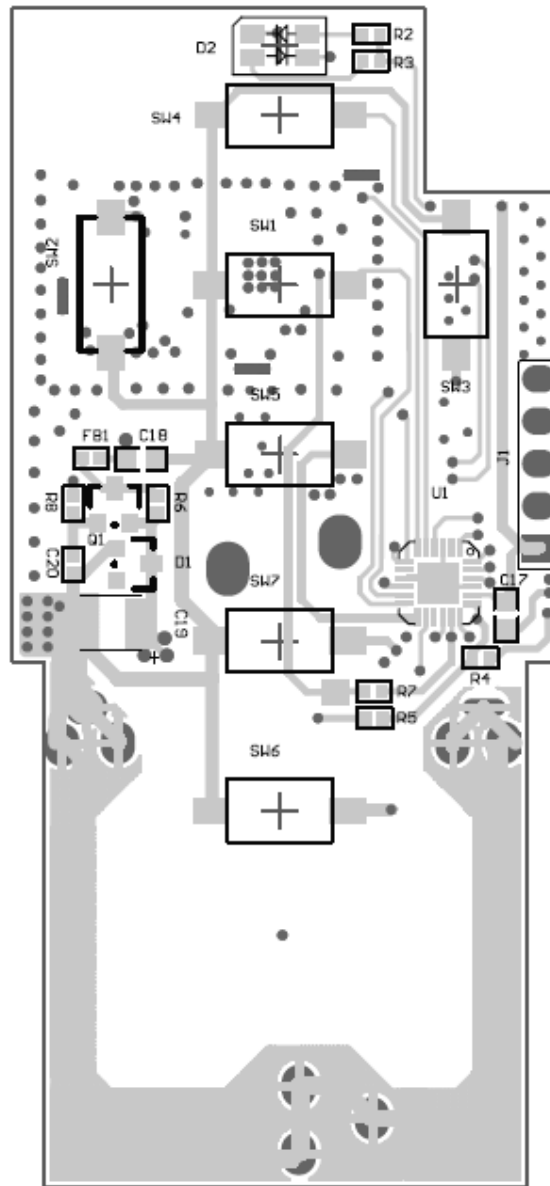
Date of preparation: 2006/3/29

Product Name: F8Z065-Tx

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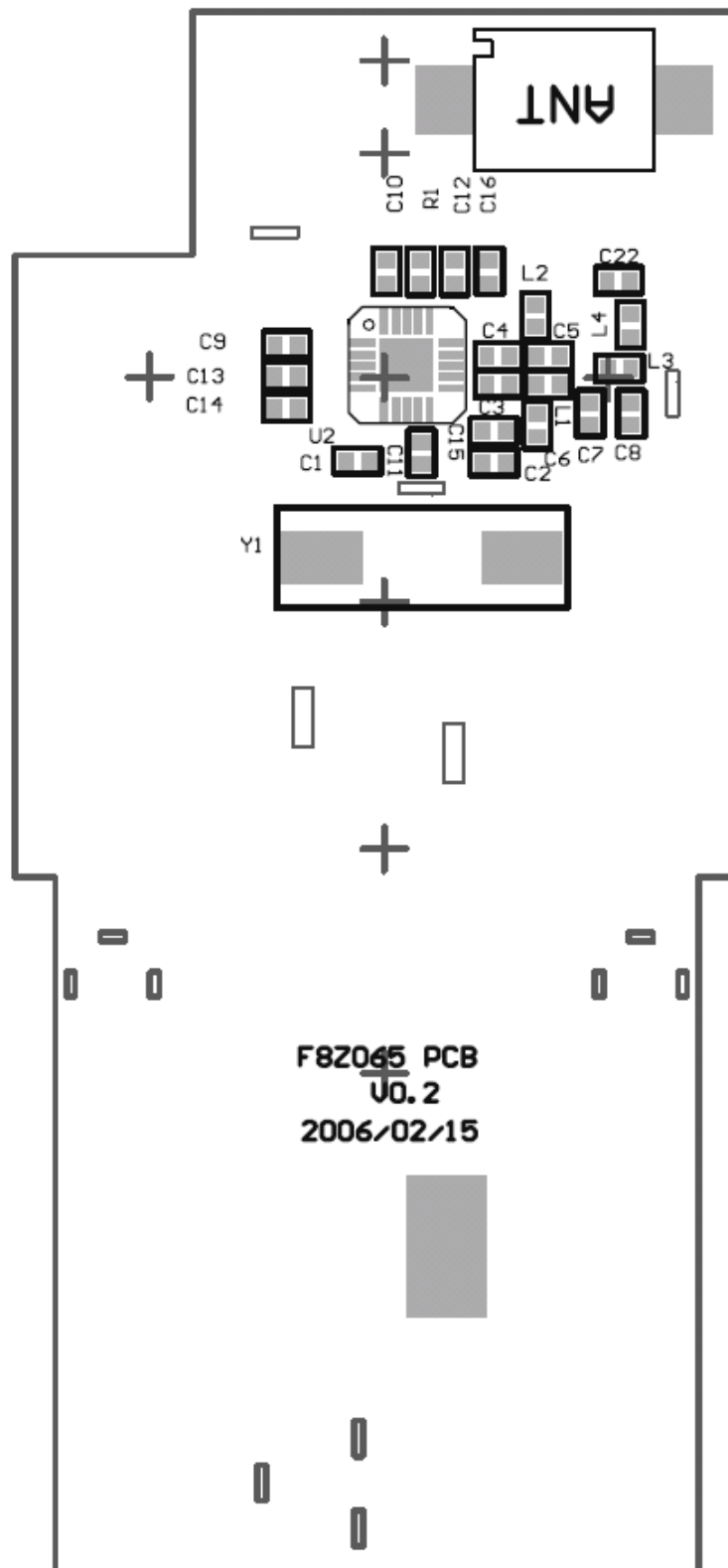
F8Z065-Tx TOP Layout



toplayer
Top overlay

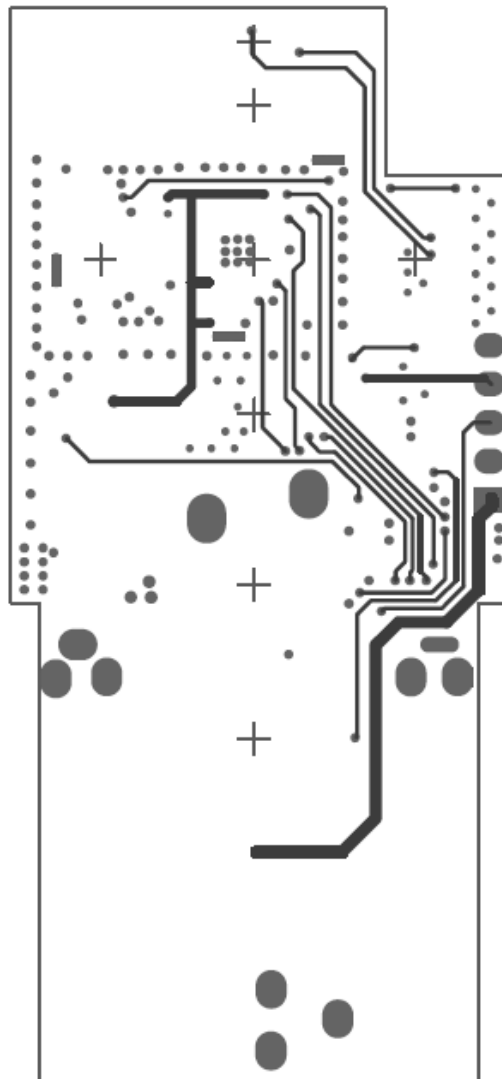
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F8Z065-Tx BOTTOM Layout



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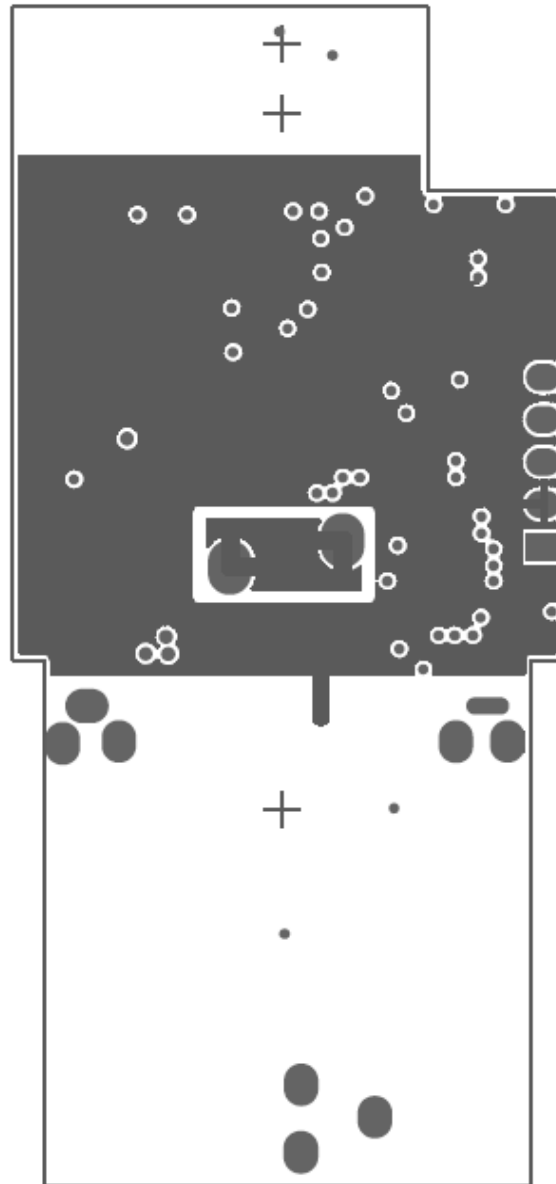
F8Z065-Tx Middle layer1



mid1layer

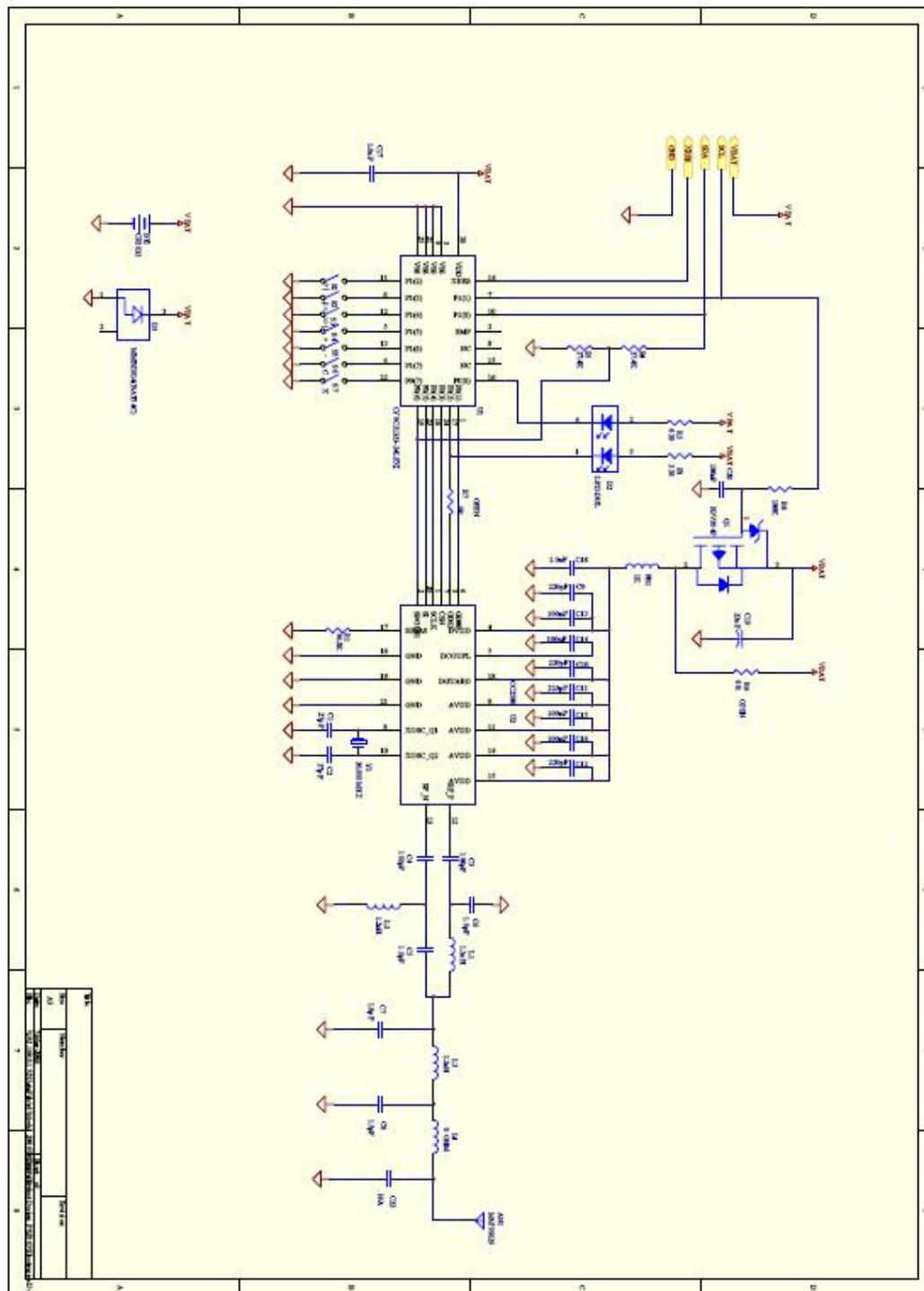
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F8Z065-Tx Middle layer2



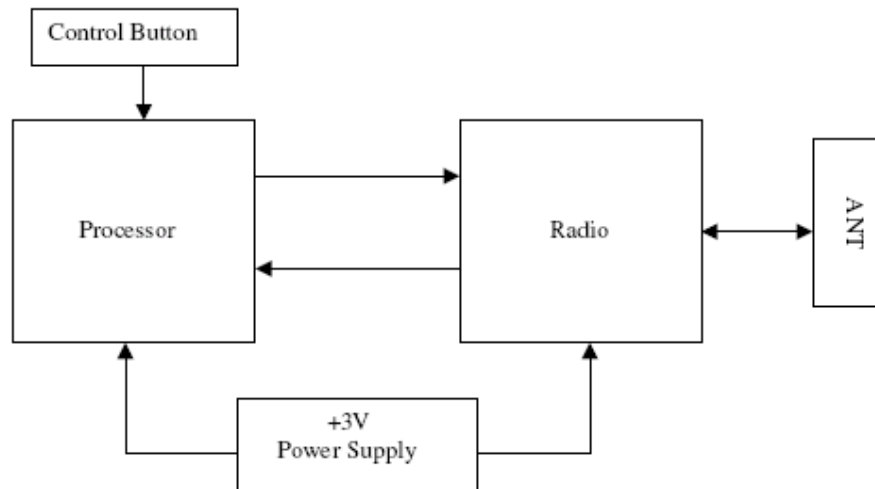
mid2layer

F8Z065TX SCH



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F8Z065(Tx) Block diagram



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1. Temperature Cycle test

Chamber temperature is set for -20° C. to +45° C. Each temperature extreme is held for one hour before transitioning to the other extreme. The units are powered under normal real-world conditions and electrically loaded while in this chamber. Total times in the chamber is 32 hours.

2. High temperature storage test

Chamber temperature is set for +60°C , then put the unit into chamber for 48H .

3. Burn IN Test (bare unit)

Conditions and electrically while in this burn in The burn in room is set for 40°C~45°C , the unit be powered under normal real-world room. Total testing time in the chamber keeps

4. Printed/Coated reliability Test

Using the alcohol to wipe the surface screen of unit, the force about 300g . Then using the 3M tape to stick the screen for 3 times in same location .

5. Button / Switch Life Test (bare unit)

Using a special test jig to push the button or switch for 5000 times, then check the button if in condition & requirements still.

6. Hi-Low Temperature Storage (Packing unit)

Chamber is set for 55°C , then put packing unit into chamber for 48H. Chamber is set for 40°C , 40°C 90% for 48H.

7. Drop Test (Packing unit)

Drop the packing unit from a height of 120cm onto concrete.

8. Vibration Test (Packing unit)

Put the packing unit on vibration equipment, then set the testing parameter for equipment. (The test duration is 30 minutes. All three

9. Emission Frequency Test

20°C~40°C~10°C~5°C~0°C~-10°C~-20°C,changing one time in one hour ,total 13H.

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F8Z065-Tx Product specification

B. Transmitter section

ITEM	DESCRIPTION	UNIT	Normal	Limit
1	RF CARRIER FREQUENCY	MHz	2433	+/-1
2	RF Power output (Direct test)	dBm	-18.7	+/-3
3	Current Drain at diagnostics model	mA	23.76	+/-3
	Current Drain when OFF state (sleep model)	uA	3	<=5
4	Field distance test (Tx&Rx)	feet	>170	>120

F8Z065-Transceiver

- I Regulator Approval**
 - US shipment : FCC
 - Europe shipment : CE
 - Australia shipment : C-tick

- I BOM**
 - Please refer to attached document.

- I Exploded View**
 - Please refer to attached document.