PCB Number: TIDA-01624

Printed Circuit Board

PCB Rev: B

Assembly Note

These assemblies are ESD sensitive, ESD precautions shall be observed.

These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

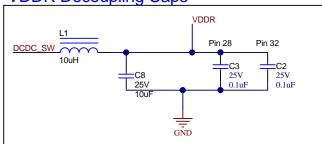
SDA/SCL provided by GPIO of CC2640, use correct PORTID in the IOC:IOCFGn register

SCL --> PORTID 14

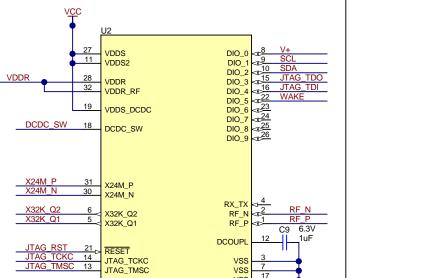
SDA --> PORTID 13

Internal DC/DC Buck Converter is enabled in the AON_SYSCTL: PWTCTL register, set the DCDC_ACTIVE bit Internal Bias is enabled for the CC2640

VDDR Decoupling Caps



Wireless MCU

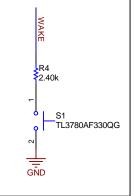


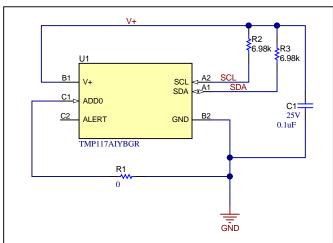
VSS

VSS VSS 29 33

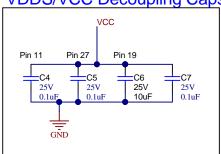
를 GND

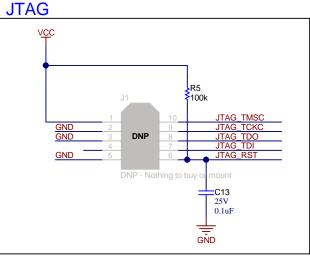
Temperature Sensing & I2C Wake Up Switch





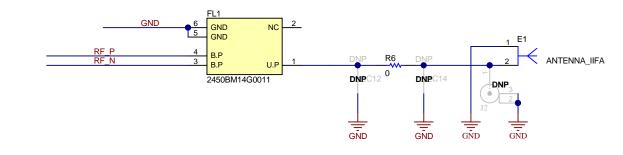
VDDS/VCC Decoupling Caps





CC2640R2FRSMF

RF Signal Path

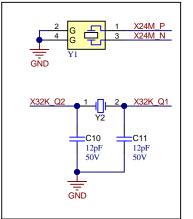




PCB LOGO

Logo2 PCB LOGO Logo3 PCB LOGO WEEE logo

External Oscillators



Orderable: TIDA-01624 TID #: TIDA-01624 Number: TIDA-01624 Rev: B SVN Rev: Not in version control Drawn By: Brandon Fisher Engineer: Brandon Fisher

Designed for: Public Release Mod. Date: 3/16/2020 Project Title: Bluetooth-Enabled High Accuracy Skin Temperature | Sheet Title: TMP_117_BLE_Patch Assembly Variant: 001 File: TIDA_01624B.SchDoc

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TIDA-01624

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