



Datasheet:

BBoard SIM900

Branch Board for SIM900 GSM/GPRS Module

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Revision history

HW. Ver.	Doc. Ver	Date	Description
1.00	1.00	2010-04-06	First release
1.00	1.01	2010-06-26	Schematic design (modify) : 220nF -> 100nf [C1] Schematic design (modify) : 100uF -> 68uF [E1]

Introducing BBoard SIM900

The Branch Board SIM900 is prototyping or application board. BBoard SIM900 have a very good contact with the base board (breadboard or customer PCB) thru a two-line connector. The top and bottom of the BBoard is ground plane for noise prevention. Customers can solder their own SIM900 GSM/GPRS module and optional electronic components

Key Features

- Onboard SIM card holder
- Gold Plated Contacts
- Footprint connector with 2.54mm pitch for easy prototyping on breadboard or customer applications
- Onboard antenna UFL connector
- Additional antenna RF soldering pad
- Additional footprints for power supply filter capacitors
- Additional footprints for microphone filter capacitors

Web References

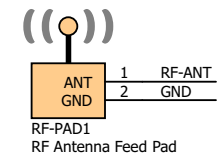
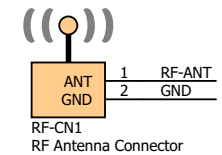
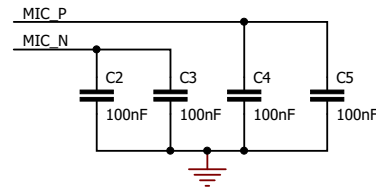
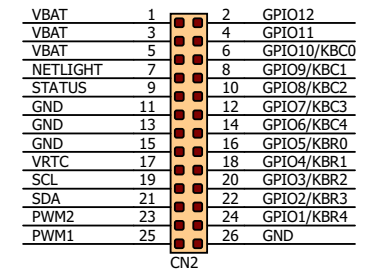
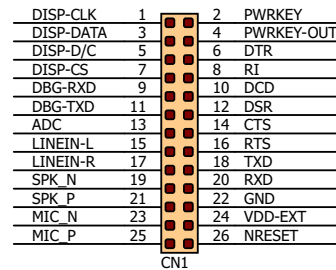
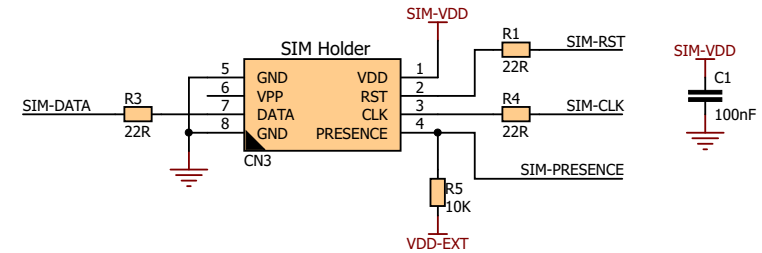
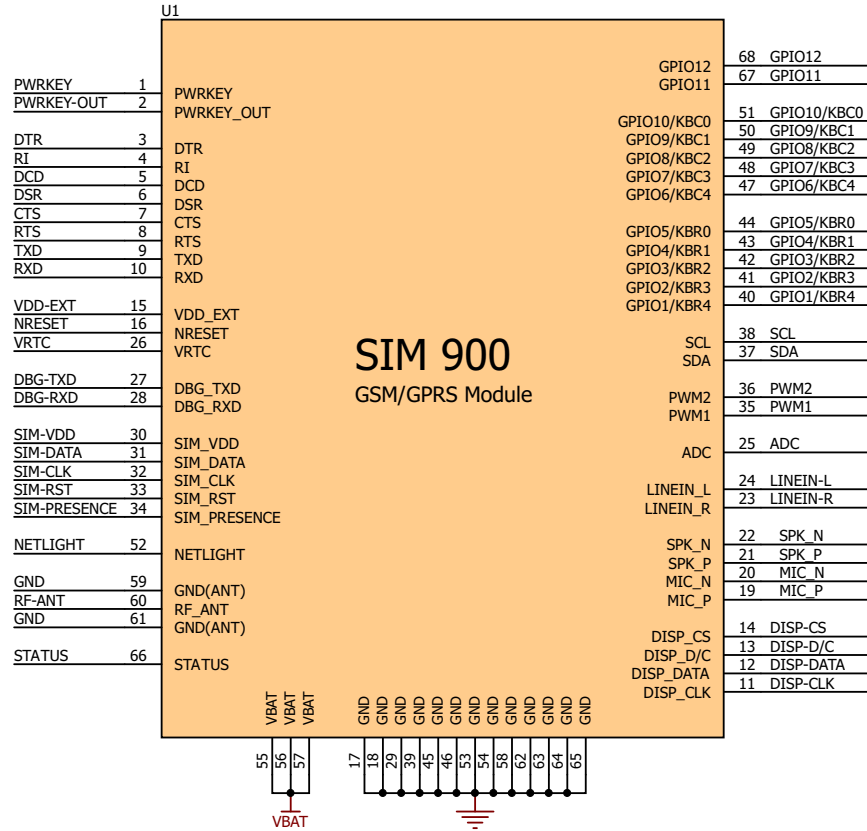
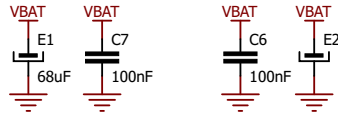
SIMCom SIM900 GSM/GPRS Module

<http://www.sim.com/wm/>

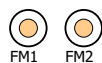
Kinetik BBoard SIM900

<http://www.kinetik.rs/>






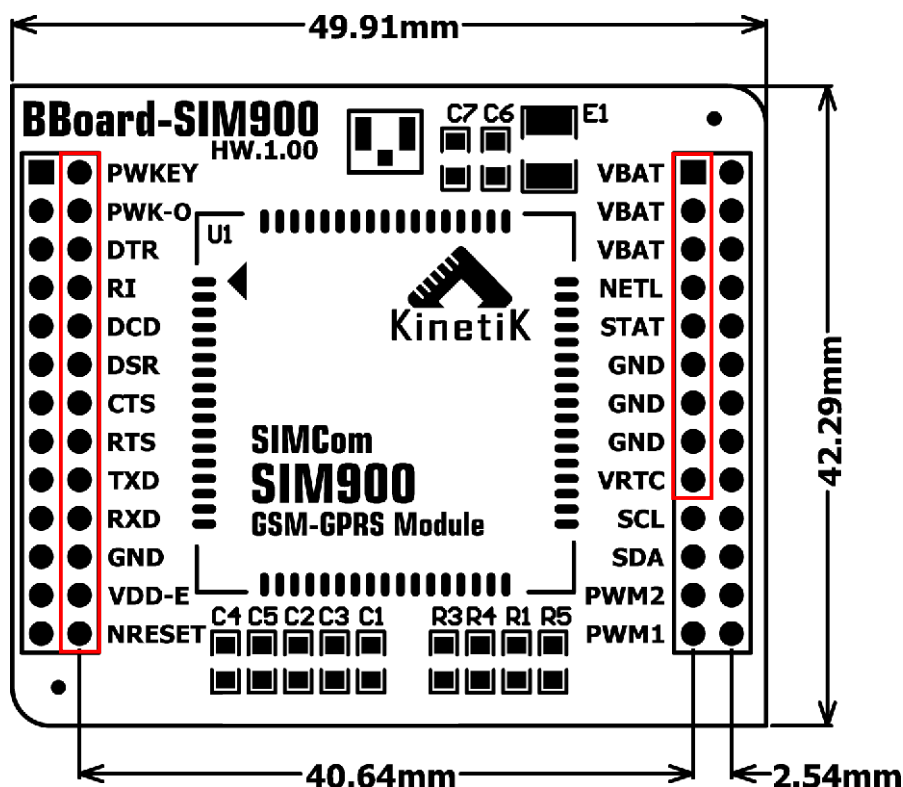
Fiducial mark



NOTE:
C2,C3,C4,C5,C6,E2,R5 components are not included and can be solder for special requirements

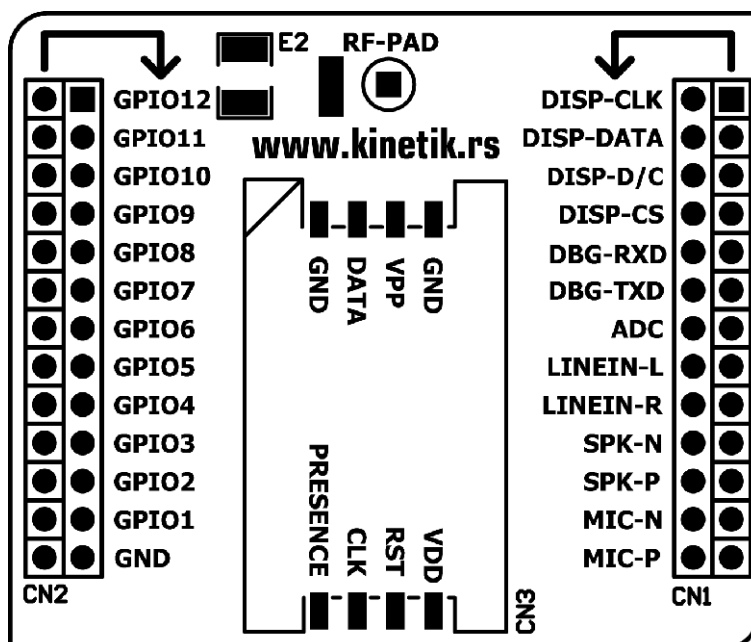
Project	Version	Page
BBoard SIM900	1.01	1 / 1
NOTE:		
 www.kinetik.rs		

Top view



Note: Use marked pins for most common application

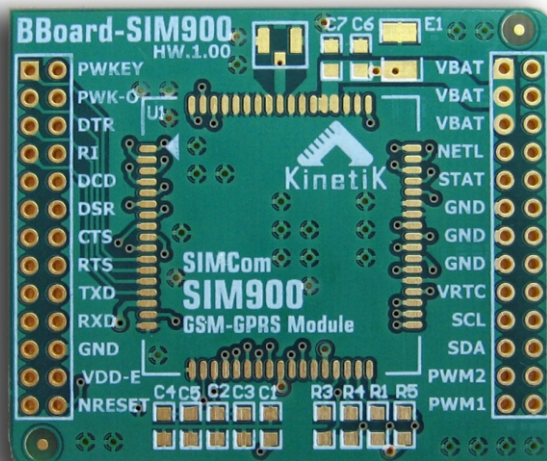
Bottom view



Assembled PCB

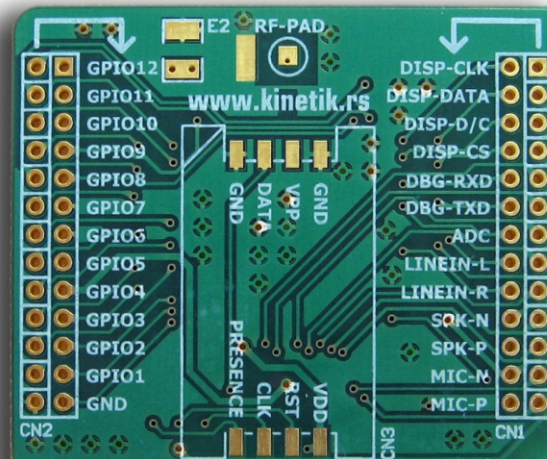
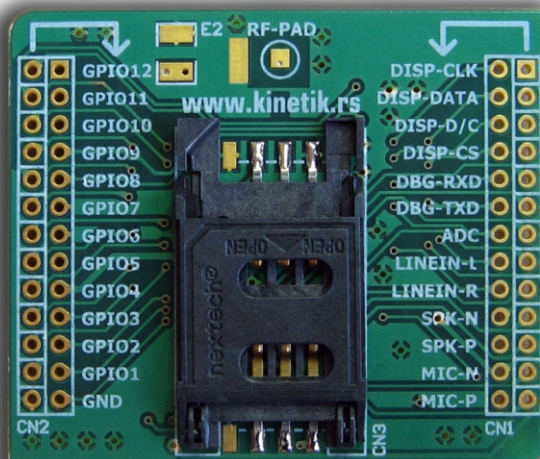
Empty PCB

Top view

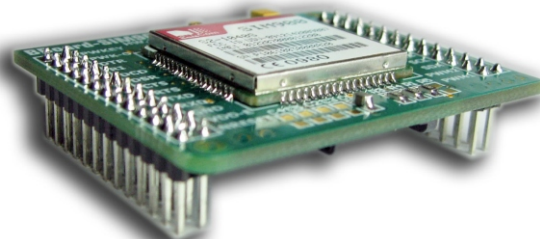


Note: SIM900 module not included

Bottom view



Application board variant



Prototyping board variant



Note: SIM900 module, antenna, antenna cable and 2x13 pin connectors not included



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