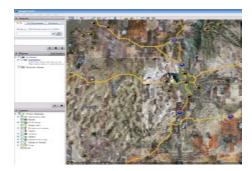
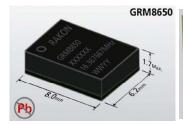


Google Earth
Displaying Processed
GPS Data



GPS Front-End Receiver Module

SiGe SE4120L Or Rakon GRM8650



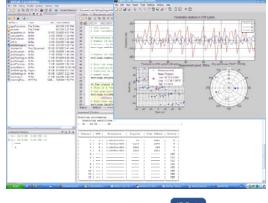
Z220-A SE4120L-EK5

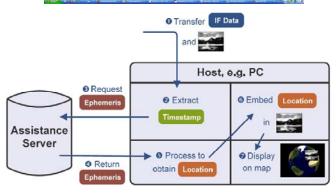
© 2008

PSUB CLK
RG. SP. DATA
SYNC
SM. CLK
SW. CLK
SW. CLK
SW. DATA
SYNC
SM. CLK
SW. DATA

Capture and Process

Geotate OR MATLAB





Accelerometer



University of Utah Low Power GPS Stack



Micro-controller TI-MSP430

uSD Card
Flash Memory

MicroSD Card

MicroSD Card

Die State

Postive

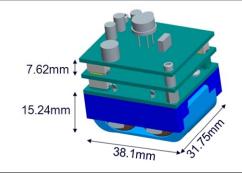
Region Follower

Postive

Postive

NESDAC Stack

Limited components to: 3.5mm tall on TOP 1.5mm tall on BOTTOM





Power

CR2 Photo Battery Capacity: 800mAh Voltage(nom.): 3V