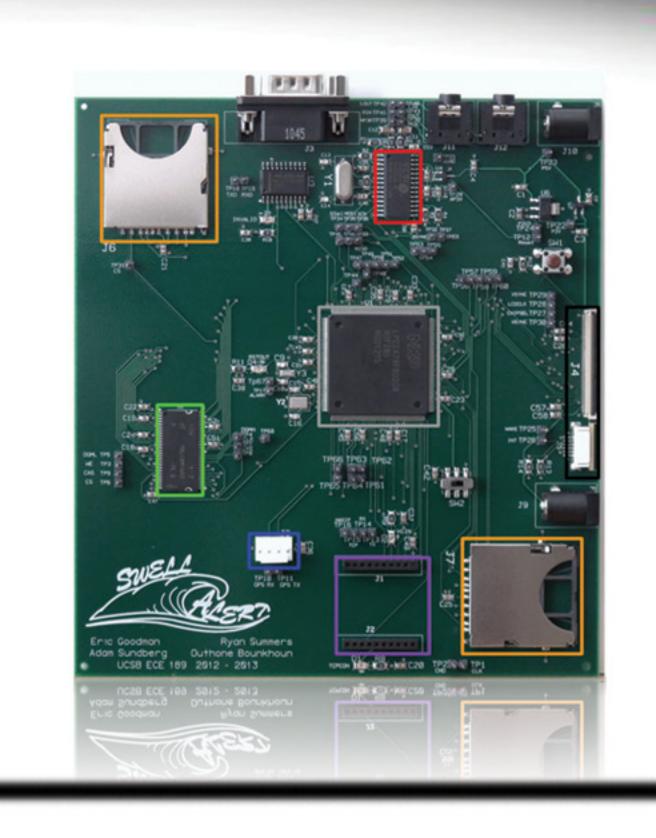
## Swell Alent



## Live in a world where only perfect surf is possible

We have engineered a solution to monitor the ocean, so you don't have to

Sleep, Surf, and Stream Music







A wave rating algorithm is used to analyze surf criteria



Our server periodically requests surf and traffic updates

Music from the internet can be streamed



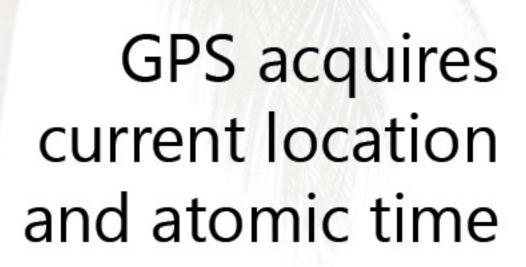
Beach drive time is calculated

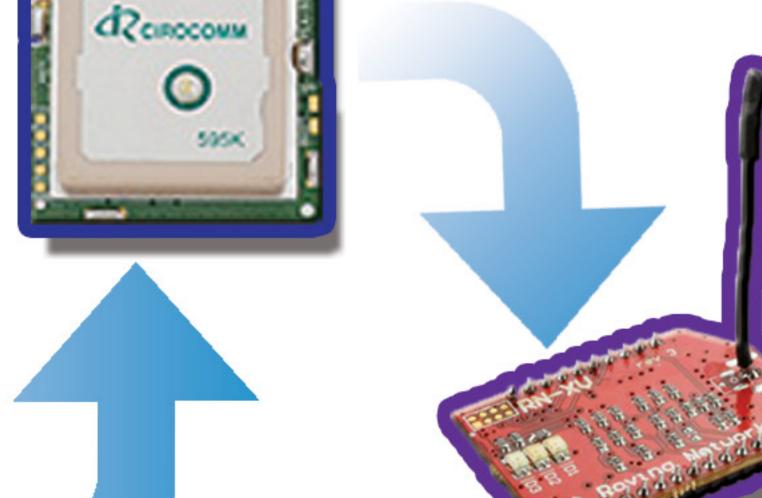


SanDisk 22

2.0<sub>GB</sub>

The National Data Bouy Center hosts global swell database





User can change settings such as alarm time and desired music via touch screen interface



Swell Alert establishes a TCP connection to our server using Wifi



An NXP processor is the brain of our system, used to execute instructions in our software programs



SDRAM gives quick access to images and

music files, also buffers streaming music

Micron



User can put music

on removable SD cards

MP3 decoder wakes user up early with music if the surf is good, or at a normal time if it's flat



Ryan Summers







Outhone Bounkhoun

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