



EEL4924 – Senior Design

Apple iPhone/iPod Touch - **iRemote**

Universal Remote Accessory & Application



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Project Overview

The iRemote is an iPhone application to control home entertainment devices like a universal remote controller.



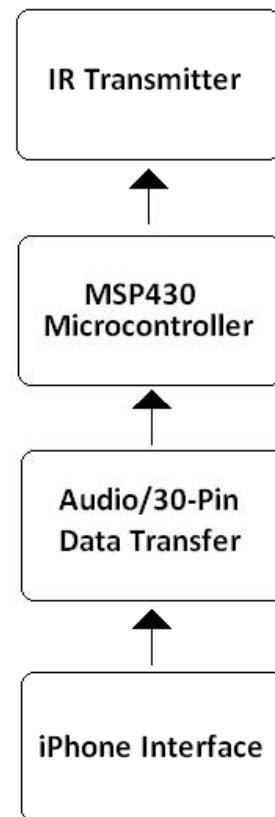
iPhone Stats

- 21.4 million iPhones are sold to date, March 28, 2009 (Apple Reports Second Quarter Results)
- 35,000 applications and counting (Apple-iPhone official website)
- iRetroPhone application made \$30,000 the first day of sales (CenterNetworks.com)

iRetroPhone Interface



Block Diagram and Image



iPhone Application (BETA)

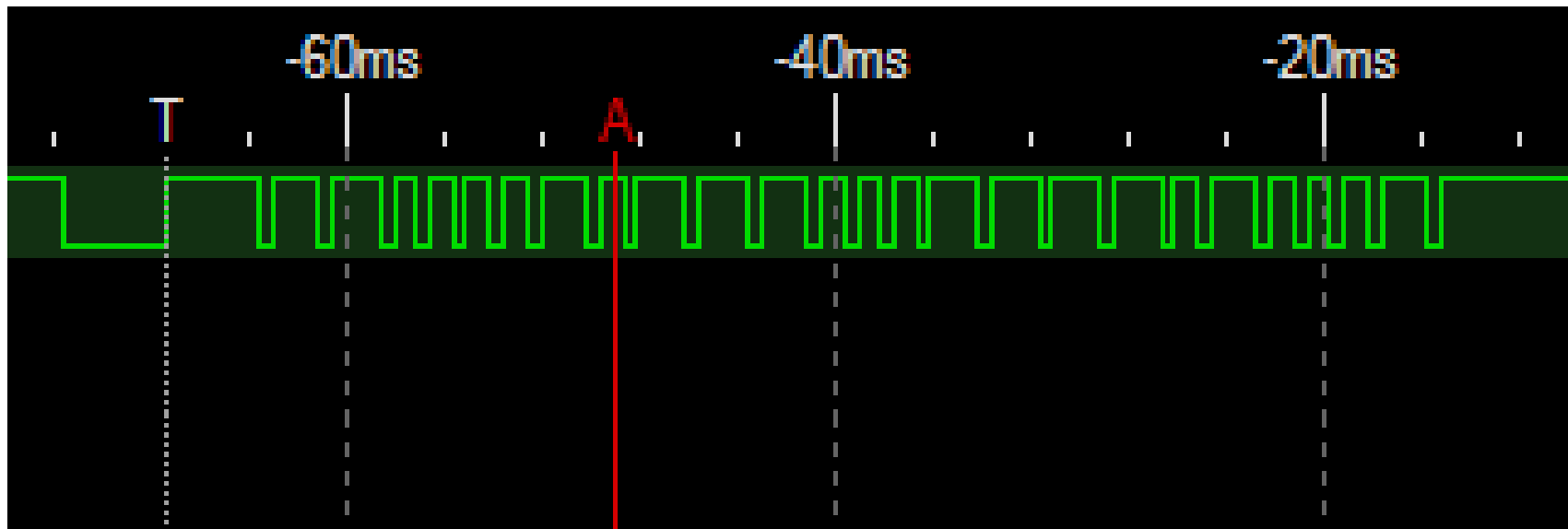


Real-time screenshots of working **iRemote** beta application simulation

Infrared Transmitter



Infrared Transmitter



LSA capture of IR signals from an RCA TV remote controller



Motivation

“We are designing for the pinnacle of mobile computing technology”
- Ryan Nuzzaci