TESI di LAUREA MAGISTRALE

ANALOG DEVICES

Define an ADC for a low power Battery Fuel Gauge: comparing existing solutions, identify and simulate an optimal topology

Join us at the ADI Milan Design Center:
you will work
in an experienced team
with a personal mentor
interacting with international sites
Scholarship provided!

► Work with the ADI Product Definer to find the optimal specifications: sampling time, accuracy, current consumption, silicon area, robustness

► Select one of the possible ADC topologies after literature analysis and review of existing ADI IPs

► Define a suitable ADC topology, design the schematics and run analog or mixed mode (AMS) simulations using state of the art tools and methodologies

► You have a good understanding of analog design and can effectively communicate in English. Knowledge of low power ADC a plus

► You are curious, flexible and proactive

POLITECNICO MILANO 1863

DIPARTIMENTO DI ELETTRONICA
INFORMAZIONE E BIOINGEGNERIA

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