

## Principal Analog Design Engineer

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Company: Monolithic Power Systems

Location: Netherlands

Category: computer-and-mathematical

### Job Description

MPS is looking for a Principal Analog Design Engineer to join the Automotive BMS Product Line. As a part of the team, you will be focused on analog design with the ability to collaborate on the product's definition, testability, and end applications robustness. This is a great opportunity where your success is only limited by your creativity.

### Responsibilities

Design low power precision analog and mixed signal circuits including but not limited to: LDO's, Charge Pumps, Bandgaps, Amplifiers, and/or DAC's, ADC's.

Influence architectural decisions to ensure system/sub-system technical performance requirements are achieved

Develops macro models and participates in top level simulation

Actively participates in the entire product development cycle

Determines design-for-test strategies to evaluate system/sub-system/block performance

Provide guidance to layout engineers on critical analog implementation aspects, monitors progress of layouts, and closes the loop with post layout extraction and simulation.

Work with a team of engineers to evaluate intended product behavior pre tape-out and post tape-out.

Participate in hiring and mentoring of junior engineers

## Preferred Qualification

Requires Master's Degree or Equivalent in Electrical Engineering

10+ years' experience within analog design

Highly motivated individual

Strong analytical and problem-solving skills

Strong knowledge of transistor level design

Experience within BCD process

Experience with mixed signal design

## Location

Chandler, AZ, USA

Barcelona, Spain

Munich, Germany

Netherlands

Taiwan

Remote

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