

The World's First Web Programmable Power Module

mEZDPD3603A









George Stathakis Product Marketing Engineer

Heng Yang Senior Systems Applications Engineer



Agenda





Power Management Evolution



MPM

Modules



- Provide great flexibility
- Design from scratch
- Complicated/require know-how
- Integrated passive components
- Provide ease of use
- Fast design cycle

• All in one solution

mEZ

Modules

- Zero external components
- Faster design cycle
- Easy prototyping with web





mEZDPD3603A (3A)



Programmable up to 3 times

Available in a DIP (16x23x6.5 mm) Packages



FEATURES

- Input 4.5- 36V
- 0.6V to 12V Output Voltage
- High Efficiency Up to 97%
- Meet EN55022 Class B Emissions
- Operation Temperature: -40°C to 85°C
- Programmable Parameters
- Switching Frequency
- Selectable Operation/Protection Modes
- Compensation



mEZDPD3603A (Online and field programmable)

- Custom Module
 - Provides greater flexibility
- Receive parts faster
- Online Programming
 - \circ $\,$ Know the exact specs
 - Online Simulations
 - Verify before you buy

Simulate -> Program-> Receive-> Test

Software Defined Hardware

35+ Programmable Parameters





Rapid Power Supply Prototyping









Let's take a look...

mEZDPD3603A PROGRAMMABLE New

Programmable 36V DC/DC Power Module up to 3A





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www.monolithicpower.com/mezdpd3603a



Advanced Programmable Features – Operation Mode





Advanced Programmable Features – PWM Settings



Programmable Kit

PKT-mEZDPD3603A

www.monolithicpower.com/evkt-zpd3603a

PKT allows easy testing of modules Reprogramming through I2C





Solution Options









mEZDPD3603A-XXXX mEZDPD3603AS-XXXX DIY8883GQ-0001



Recap: mEZ is the Go to Solution

Fast and easy design cycle!





Rich Online Resources to Support DIY at MonolithicPower.com







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