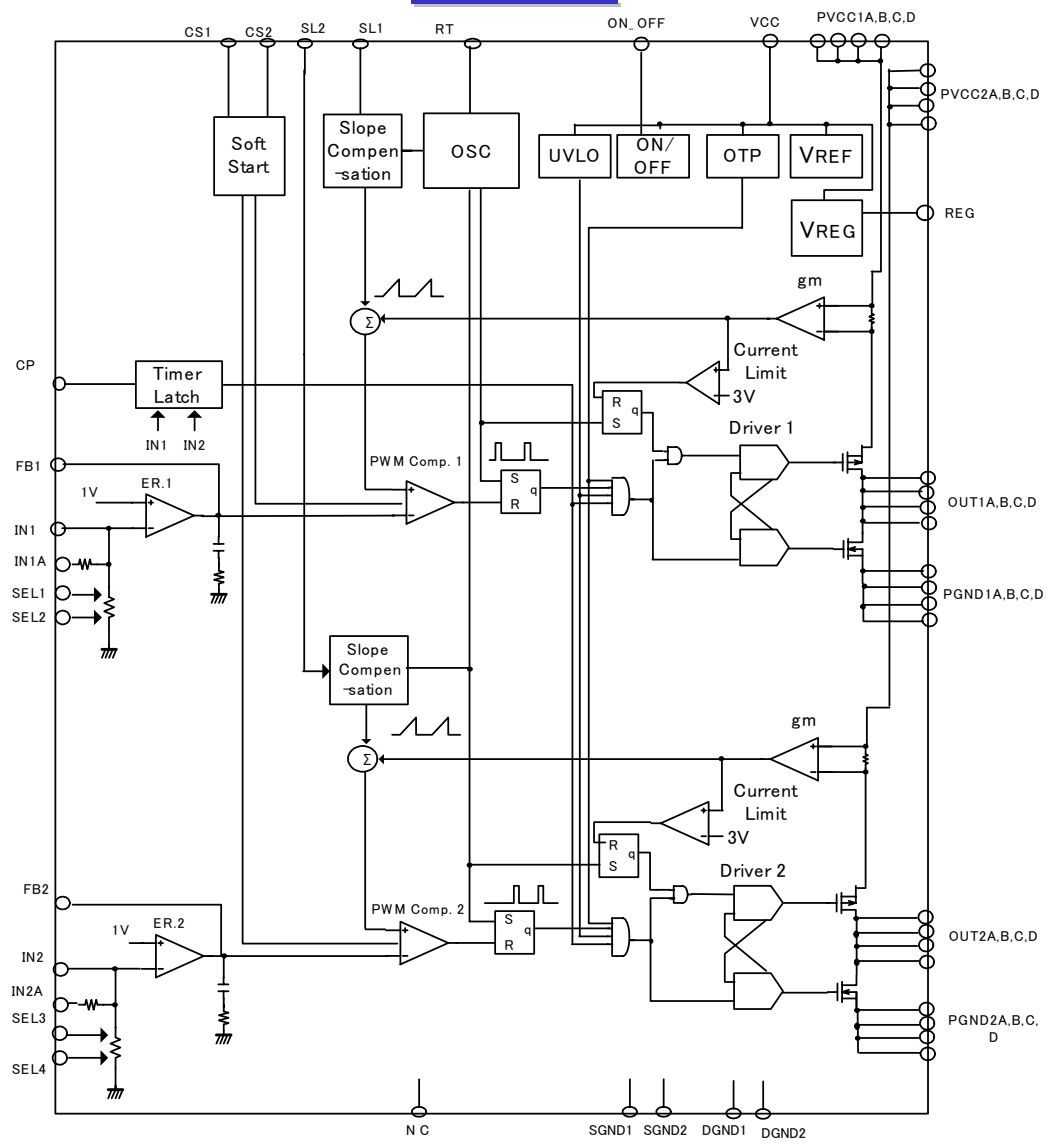


**Brock Diagram**

**FA7735**

**Features**

**Under Development**



1. Synchronized Rectifier for 2 channels with internal Power MOSFETs :  
82% High Efficiency at 1.2V/1.2A,  
3.3V/1.2A Output
2. Stable Operation by Current Mode
3. Input Voltage Range 7 to 16V
4. Switching Frequency : 100k to 400kHz
5. DC Output of 1.2V/1.5V/Flexible are selectable by SEL1,SEL2 pin
6. Protection : MOSFET Current Limit, Each channel soft-start and ON/OFF, Timer Latched Protection for Short Circuit and Over Temperature
7. TQFP-48pin package with Exposed-Pad for heat sink

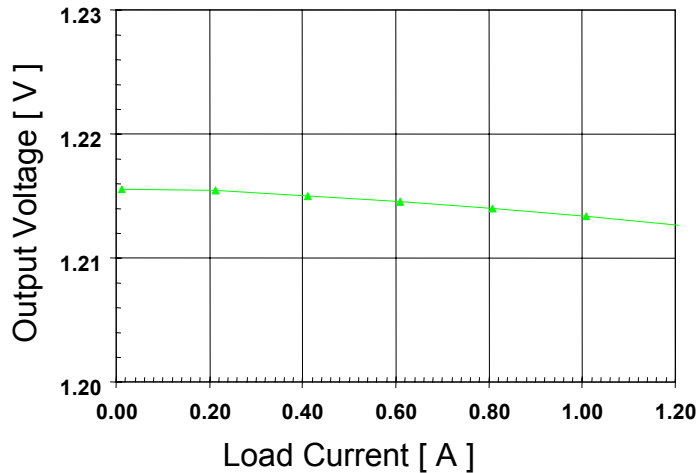
# FA7735

**Under Development**

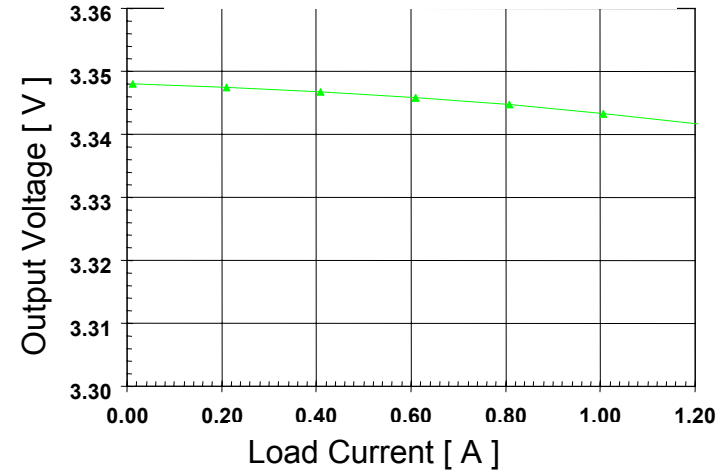
## DC-to-DC Converter Data

Conditions : Vcc=13V CH1(1.2V/1A) CH2(3.3V/1.2A) fosc=200kHz

### Ch.1 Load Regulation



### Ch.2 Load Regulation



### Efficiency ( Ch.1 and Ch.2 : 1.2A Load )

