



Google™ Custom Search



Products Support Classroom Services Showcase About Us My Cart

NOTE: Digilent will be closed November 26th & 27th for Thanksgiving. Orders received after noon PST on the 25th will be processed on the 1st.

Products

- +Coming Soon
- +New Products
- +FPGA Boards
- +Scopes & Instruments
- +chipKIT™ Boards
- +Microprocessor Boards
- +FMC Cards
- +Peripheral Modules
- +NI Academic Products
- +Analog Devices
- +Microchip® Tools
- +Software
- +Programming Solutions
- +Robotic Platforms
- +Textbooks
- +Add-On Boards
- +Accessories
- Discontinued
- Adept (old)
- AIO1
- BASYS
- Cerebot II
- Cerebot Plus
- Cerebot 32MX4
- Cerebot 32MX7
- Cerebot MX3cK
- Cerebot MX4cK
- Cerebot MX7cK
- CERES
- chipKIT Wi-FIRE (pre)
- Opus
- CY3209-EXPRESSEVK
- CY3240-I2USB
- CY3267-POWERPSOC
- CY3271-  
RFFIRSTTOUCH
- D2
- D2E
- D2FT
- D2SB
- D2XL
- DBB1
- DIO1
- DIO2
- DIO4
- DIO5
- PICDEM Mechatronics  
Kit
- PIC24F Starter Kit
- PICDEM 1.1 Demo  
Board
- PIC32 Starter Kit
- DXCRP
- EVB-USB3300-XLX
- FMC Carrier S6
- FX12
- JTAG-HS1
- JTAG-USB-FS
- MDE8051
- MDE-PIC18-PIC16
- MEM1
- MIB
- MINICON
- NANOCON
- NET1
- NEXYS
- Nexys 2
- NXGLD
- NXLCD
- NXVGA
- PEGASUS
- PIO1
- PmodAMP1
- Pmod-BT
- PmodCON2
- PmodDIN1
- PmodGYRO2
- PmodHB2
- PmodMIC
- PmodNIC
- PmodOLED2
- PmodREG1
- PmodRF1
- PmodRS232X
- PmodTMP
- RDK-Basic
- RDK-LineSensor
- RDK-LineSensor2
- RDK-Remote
- R2R



## Voltage Regulator Module

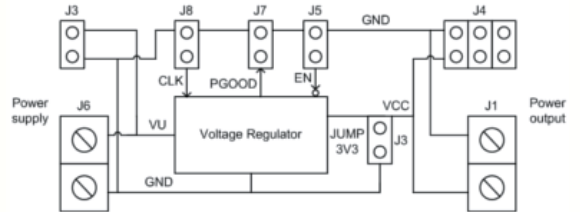
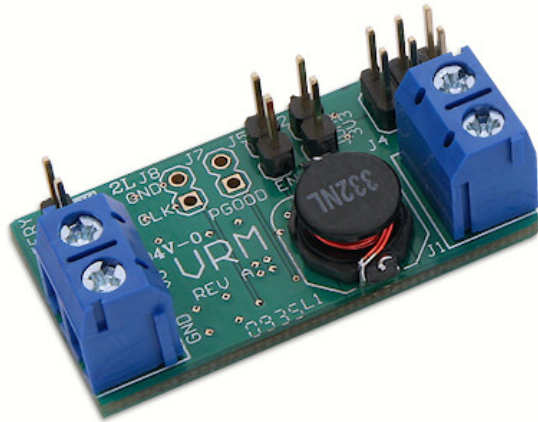
Not currently available

Hide Details

Connector(s): Screw terminals for power input / output

- 6A synchronous step down switcher
- Selectable 5V or 3.3V output voltage
- Input voltage range of 5-15V
- 479kHz internal switching frequency
- Switching synchronization to an external clock

The Digilent VRM (Voltage Regulator Module) is a battery-friendly switching voltage regulator capable of providing 6A of current at 5V or 3.3V. The input voltage can be stepped down from sources as high as 15V. It is ideal for use in Mechatronics applications to efficiently regulate battery voltage, or in any application where a clean step down is required



### Support Documents:

Doc #	Date	Categories	Description	
502-156		PD	Voltage Regulator Module (VRM) reference manual	<a href="#">Download</a>

RSK  
S3 Board  
S3E 1600  
SASEBO-GII  
SERVOMINI  
USB2  
VDEC1  
VRM  
X-BOARD  
XC2XL  
XUP V5

Enter a value code:

Submit



---

Digilent, Inc. | P.O. Box 428 Pullman, WA 99163-0428 | (509) 334-6306 (voice) (509) 334-6300 (fax) | [Contact us](#)