Register description

Registers

Address	Register Name	Description
0x00	reg0	write something useful for reg0
0x01	reg1	write something useful for reg1
0x02	reg2	write something useful for reg2
0x03	reg3	write something useful for reg3
0x04	reg4	reg4 is a very useful register. It can take down the moon when configured correctly.
0x05	reg5	reg5 is as useful as reg4 but without a reset value defined.
0x06	reg6	reg6 is a read only register.
0x07	reg7	write something useful for reg7

reg0

Name:	reg0
Address:	0x0
Reset Value:	0x00000000
Access:	read-write
Description:	write something useful for reg0

Bits	Field name	Type	Reset	Description
[31:24]	byte3		0x00	write something useful for field3
[23:16]	byte2		0x00	write something useful for field2
[15:8]	byte1		0x00	write something useful for field1
[7:0]	byte0		0x00	write something useful for field0

reg1

Name:	reg1
Address:	0x1
Reset Value:	0x00000001
Access:	read-write
Description:	write something useful for reg1

Bits	Field name	Type	Reset	Description
[31:0]	field0		0x00000001	write something useful for field0

reg2

Name:	reg2			
Address:	0x2			
Reset Value:	0x00000001			
Access:	read-write			
Description:	write something useful for reg2			

Bits	Field name	Type	Reset	Description
[5:4]	monkey2	chimp=0, gorilla=1, phb=2	0x0	which monkey
[3:2]	monkey	chimp=0, gorilla=1, phb=2	0x0	which monkey
[1:1]	power2		0x0	write something useful for field power2
[0:0]	power		0x1	write something useful for field power

reg3

Name:	reg3
Address:	0x3
Reset Value:	0x00000001
Access:	read-write
Description:	write something useful for reg3

Bits	Field name	Type	Reset	Description
[31:0]	field0		0x00000001	write something useful for field0

reg4

Name:	reg4
Address:	0x4
Reset Value:	0x0000000c
Access:	read-write
Description:	reg4 is a very useful register. It can take down the moon when configured correctly.

Bits	Field name	Type	Reset	Description
[31:0]	reg4		0x0000000c	

reg5

Name:	reg5
Address:	0x5
Access:	read-write
Description:	reg5 is as useful as reg4 but without a reset value defined.

Bits	Field name	Type	Description
[31:0]	reg5		

reg6

Name: reg6

Address: 0x6

Access: read-only

Description: reg6 is a read only register.

Bits	Field name	Type	Description
[31:0]	reg6		

reg7

Name: reg7

Address: 0x7

Reset Value: 0x00000000

Access: read-write

Description: write something useful for reg7

Bits	Field name	Type	Reset	Description
[19:16]	nibble2		0x0	write something useful for nibble2
[15:12]	unused1		0x0	unused
[11:8]	nibble1		0x0	write something useful for nibble1
[7:4]	unused0		0x0	unused
[3:0]	nibble0		0x0	write something useful for nibble0