Register description

Registers

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

reg0

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

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

reg1

Name: reg1
Address: 0x1
Reset Value: 0x00000001
Access: read-write
Description: write something usefull for reg0

Bits	Field name	Type	Description
[31:0]	field0		write something usefull for field0

reg2

Name: reg2

	Address:	0x2
	Reset Value:	0x00000001
	Access:	read-write
	Description:	write something usefull for reg0

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

reg3

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

Bits	Field name	Type	Description
[31:0]	field0		write something usefull for field0

reg4

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

Bits	Field name	Type	Description
[31:0]	reg4		

reg5

	Name:	reg5
	Address:	0x5
	Access:	read-write
	Description:	reg5 is as usefull 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 usefull for reg7

Bits	Field name	Type	Description
[19:16]	nibble2		write something usefull for field3
[15:12]	unused1		unused
[11:8]	nibble1		write something usefull for field3
[7:4]	unused0		unused
[3:0]	nibble0		write something usefull for field0