

Gateworks EEPROM Map

Address:	Name:	Default:	Valid Value's	Note's
0x100 - 0x105	Mac Address 1	Varies	hex	
0x106 - 0x10B	Mac Address 2	Varies	hex	
0x10C	reserved		read-only	
0x10D	reserved		read-only	
0x10E	reserved		read-only	
0x10F	reserved		read-only	
0x110	Gateworks Mark	G	read-only	
0x111	Gateworks Mark	W	read-only	
0x112	Cycle Count		read-only	
0x113	Cycle Count		read-only	
0x114	Manufacture Date		read-only	
0x115	Manufacture Date		read-only	
0x116	Manufacture Date		read-only	
0x117	Manufacture Date		read-only	
0x118	GPIO 0	80	0, '02', '03', '80'	0 = Input
0x119	GPIO 1	80	0, '02', '03', '80'	02 = Output Low
0x11A	GPIO 2	80	0, '02', '03', '80'	03 = Output High
0x11B	GPIO 3	80	0, '02', '03', '80'	80 = Redboot Default
0x11C	GPIO 4	80	0, '02', '03', '80'	
0x11D	GPIO 5	2	0, '02', '03', '80'	
0x11E	GPIO 14 / WD Clock	varies	0, '02', '03', '80'	
0x11F	SDRAM Size	varies	00, '01', '02', '04', '08'	00 = default 01 = 32M 02 = 64M 04 = 128M 08 = 256M
0x120 - 0x12F	Model String	varies	string	
0x130 - 0x133				
bit 0	reserved	0	0,'1'	
bit 1	reserved	0	0,'1'	
bit 2	EXP_FUSE_HASH	0	0,'1'	
bit 3	EXP_FUSE_AES	0	0,'1'	
bit 4	EXP_FUSE_DES	0	0,'1'	
bit 5	EXP_FUSE_HDLC	0	0,'1'	
bit 6	reserved	0	0,'1'	
bit 7	EXP_FUSE_HSS	0	0,'1'	
bit 8	EXP_FUSE_UTOPIA	1	0,'1'	
bit 9	reserved	0	0,'1'	
bit 10	EXP_FUSE_NPEC_ETH	0	0,'1'	
bit 11	EXP_FUSE_NPEA	0	0,'1'	
bit 12	reserved	0	0,'1'	
bit 13	EXP_FUSE_NPEC	0	0,'1'	
bit 14	EXP_FUSE_PCI	0	0,'1'	
bit 15	EXP_FUSE_ECC	1	0,'1'	
bit 16	UTOPIA_PHY	0	0,'1'	bit 17/16: 00 = Maximum of 31 UTOPIA Phys 01 = Maximum of 16 UTOPIA Phys 10 = Maximum of 8 UTOPIA Phys 11 = Maximum of 4 UTOPIA Phys
bit 17	UTOPIA_PHY	0	0,'1'	
bit 18	EXP_FUSE_USB_HOST	1	0,'1'	
bit 19	EXP_FUSE_NPEA_ETH	0	0,'1'	
bit 20	reserved	0	0,'1'	
bit 21	reserved	0	0,'1'	
bit 22	Factory Speed	0	read-only	
bit 23	Factory Speed	0	read-only	
bit 24	reserved	0	read-only	
bit 25	reserved	0	read-only	
bit 26	reserved	0	read-only	

bit 27	reserved	0	read-only	
bit 28	reserved	0	read-only	
bit 29	reserved	0	read-only	
bit 30	reserved	0	read-only	
bit 31	reserved	0	read-only	
0x134	Disable IDE Scan	0	0,'1'	1 = disable scan
0x135	reserved fo future GW use			
0x136	reserved fo future GW use			
0x137	reserved fo future GW use			
0x138	reserved fo future GW use			
0x139	reserved fo future GW use			
0x13A	reserved fo future GW use			
0x13B	reserved fo future GW use			
0x13C	reserved fo future GW use			
0x13D	reserved fo future GW use			
0x13E	Check-Sum Low Byte		read-only	Sum of all bytes:
0x13F	Check-Sum High Byte		read-only	0x100 - 0x13D