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MGate MB3000 series/ EIP3000 series

MGate 5217

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(Lilo 22.8, lowrisc-chip v0.7-rc1)

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```
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my responsibility and have nothing to with the original authors
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Copyright (C) Q. Frank Xia, 1993. * * Based on Linus' minix fs i.h.
Copyright (C) 1991, 1992 Linus Torvalds
Copyright (C) 1992 Krishna Balasubramanian */
(C) Copyright 1988 Western Digital Corp.",xd_wd_init_controller,xd_wd_init_drive," Western Digital WDXT-
GEN2" { 0x0015, "SEAGATE ST11 BIOS REVISION", xd_seagate_init_controller, xd_seagate_init_drive, "
Copyright (C) 1993 Stephen Tweedie (sct@dcs.ed.ac.uk) * * coh/fsync.c
copyright of the skeleton driver is held by the United States Government, as represented
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(C) 1986-1990 V6.0105/31/90",5, 47, FD
Copyright (C) 1994 Waldorf Electronics * written by Ralf Baechle */
Copyright (C) 1993 Bruno Haible ** SystemV/Coherent directory handling functions
Copyright (C) 1992, 1993 Drew Eckhardt *
                                                       low level scsi driver for ST01/ST02, Future Domain TMC-
885, *TMC-950 by * *
                                    Drew Eckhardt
(c) Copyright 1995 Simon "Guru Aleph-Null" Janes * NCM: Network and Communications Mangement, Inc. *
Copyright (C) 1993, 1994, 1995 Eric Youngdale * * Linux scsi disk driver *
                                                                                              Initial versions:
Drew Eckhardt *
                                    Subsequent revisions: Eric Youngdale
Copyright (C) 1991, 1992 Linus Torvalds * * extfs fsync primitive
Copyright (C) 1994 Linus Torvalds */#include linux/errno.h>#include linux/sched.h>#include
<linux/kernel.h>#include <linux/signal.h>#include <linux/string.h>#include <linux/ptrace.h>#include
Copyright 1993, 1994: Eric Youngdale (ericy@cais.com). */#include linux/fs.h>#include
linux/sched.h>#include <linux/mm.h>#include <linux/a.out.h>#include
linux/errno.h
Copyright (C) 1992 Rick Sladkey * * structure passed from user-space to kernel-space during an nfs
copyright status * of the DEC code. */
Copyright (C) 1995 Linus Torvalds */
Copyright 1993, Drew Eckhardt
(C) 1992, 1993 Linus Torvalds */
Copyright (C) 1994 by Ross Martin
Copyright (C) 1991, 1992 Linus Torvalds * * ext regular file handling primitives
Copyright (C) 1992 Rick Sladkey *
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                                                                 David Hinds * * Kernel io-region resource
management
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(C) 1993 Matthias Urlichs -- collected common code and tables. *
                                              Copyright, 1988-1992, Russell Nelson, Crynwr Software * *
(C) Copyright 1990 D-Link, Inc. *
        Adapted to the sample network driver core for linux, *
                                                                           written by: Donald Becker
<becker@super.org> *
Copyright 1993, 1994, 1995 Drew Eckhardt, Frederic Potter, *
                                                                           David Mosberger-Tang */#include
linux/types.h>#include <linux/kernel.h>#include <linux/bios32.h>#include <linux/pci.h>#include nux/pci.h
copyright 1989 Regents of the "
                                       "University of California\n");
Copyright (C) 1992 Drew Eckhardt
(C) 1993 Kai Petzke, wpp@marie.physik.tu-berlin.de */
(C) 1986-1990 V7.009/18/90
Copyright (C) 1992 Remy Card (card@masi.ibp.fr) *
Copyright (C) 1992 Darren Senn */
```

Copyright (C) 1993 Bruno Haible ** This file contains code for allocating/freeing blocks.

```
Copyright (C) 1992 Doug Evans * * coh/alloc.c
Copyright (C) 1995 David S. Miller (davem@caip.rutgers.edu)*/
Copyright (C) 1992 Rick Sladkey * * nfs inode and superblock handling functions
Copyright (C) 1993, 1994 Eric Youngdale. * *
                                                 Thanks to the following individuals who have made
                       (code, information, support, or testing) to this driver:
contributions (of *
Copyright (C) 1994, David S. Miller (davem@caip.rutgers.edu)*/
Copyright 1993, Drew Eckhardt * Visionary Computing *
                                                        (Unix and Linux consulting and custom
                       drew@colorado.edu *
                                               +1 (303) 666-5836 * * ( Based on T128 -
programming) *
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Copyright (C) Q. Frank Xia, 1993. * * Based on Linus' minix/inode.c
Copyright (C) 1992 Tommy Thorn. Much has been reworked, but * most of basic structure and substantial
chunks of code still remain. ** Furthermore, many subsequent fixes and improvements to the ah
Copyright (C) Q. Frank Xia, 1993. * * Based on Linus' minix_fs.h.
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Copyright (C) 1993 Stephen Tweedie (sct@dcs.ed.ac.uk) * from
Copyright (C) 1994 by Waldorf GMBH * * Defines for Risc/OS compatible cacheflush systemcall
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Copyright (C) 1992 Drew Eckhardt *
                                       Linux scsi disk driver by *
                                                                           Drew Eckhardt * *
      <drew@colorado.edu>
Copyright (C) 1992 by Jim Weigand and Linus Torvalds
(C) Copyright 1993, 1994 by Biorn Ekwall *
                                                 The Author may be reached as bi0rn@blox.se * *
      Based on adapter information gathered from DE600.ASM by D-Link Inc., *
                                                                                 as included on disk C
in the v.2.11
Copyright (C) 1994 by Waldorf Electronics * Written by Ralf Baechle */#ifndef
 _ASM_MIPS_SLOTS_H#define __ASM_MIPS_SLOTS_H
(C) Copyright 1987 Seagate", 15, 37, SEAGATE
Copyright (C) 1993 Bruno Haible ** This file contains code for allocating/freeing inodes and for
read/writing * the superblock.
Copyright (C) 1991, 1992 Linus Torvalds * * ext/freelists.c
Copyright (C) 1993 Pascal Haible, Bruno Haible * * sysv/dir.c
Copyright (c) 1992, 1993, 1994 by H. H. Bergman. All rights reserved
copyright (c) 1994 M.Hipp
Copyright (C) 1991, 1992 Linus Torvalds * * Extensively rewritten by Theodore Ts'o, 8/16/92 -- 9/14/92.
Now * much more extensible to support other serial cards based on the * 16450/16550A UA
Copyright (c) 1995 Caldera, Inc.\n");}
copyright 1989 Regents of the University of California\n"); return 0;}
Copyright (C) 1994 David S. Miller (davem@caip.rutgers.edu) *
Copyright (C) 1993 Pascal Haible, Bruno Haible * * sysv/fsync.c
Copyright (C) 1994, 1995 by Ralf Baechle *
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does *not* fall under the heading of "derived work". Also note that the GPL below is copyrig
Copyright (C) 1991, 1992 Linus Torvalds * * coh/symlink.c
Copyright 1993, 1994: Eric Youngdale (ericy@cais.com). */
                             5, 44, 3, 2, 0 { "IBM F1 P2 BIOS v1.0104/29/93",
(C) 1993 V3.203/12/93",
                                                                                                 5, 28,
```

5, 33, 3,

3, -1, 0 }, { "Future Domain Corp. V1.0008/18/93",

```
(C) 1986-1990 V6.0209/18/90",5, 47, FD
Copyright (C) 1991, 1992 Linus Torvalds * * Goal-directed block allocation by Stephen Tweedie
(sct@dcs.ed.ac.uk), 1993
(C) 1989 Microsoft Corp
(C) 1991 Linus Torvalds - minix filesystem * * isofs directory handling functions
Copyright (C) 1992 Krishna Balasubramanian and Linus Torvalds */
Copyright (C) 1995 David S. Miller (davem@caip.rutgers.edu) */
Copyright (C) 1993 Linus Torvalds * * Delay routines, using a pre-computed "loops_per_second" value.
Copyright (C) 1991, 1992 Linus Torvalds!! setup.s is responsible for getting the system data from the BIOS,!
and putting them into the appropriate places in system memory.! both setup, s and system
Copyright 1994, David S. Miller (davem@caip.rutgers.edu). */
(C)Copyright Data Technology Corp 12/03/88",xd_dtc_init_controller,xd_dtc_init_drive," DTC 5150X"
(C) Copyright 1988 Western Digital Corp",xd wd init controller,xd wd init drive," Western Digital
1004A27X"
                    5, 44, 3, 5, 0 { "FUTURE DOMAIN TMC-18XX",
                                                                                        5, 22, -1, -1, 0 },
(C) 1994 V3.5",
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Copyright (C) 1992, 1993, 1994, 1995 * Remy Card (card@masi.ibp.fr) * Laboratoire MASI - Institut Blaise
Pascal * Universite Pierre et Marie Curie (Paris VI) * * BSD ufs-inspired inode and direc
Copyright (C) 1994 Waldorf Electronics * Written by Ralf Baechle and Andreas Busse * * Head.S contains
the MIPS exception handler and startup code. * Flush the TLB
Copyright 1994, Tom Zerucha. zerucha@shell.portal.com
Copyright (C) 1994 Hamish Macdonald * * Delay routines, using a pre-computed "loops per second" value.
Copyright (C) 1992 by Theodore Ts
(C) Copyright 1987 Seagate", 15, 40, SEAGATE
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                                                                                            \perp
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                            72, 39, 2, 0, 4
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Copyright (C) 1994 Florian La Roche * * nfs symlink handling code
Copyright (C) 1992 Martin Harriss * * martin@bdsi.com
Copyright (C) 1991, 1992 Linus Torvalds * * minix regular file handling primitives
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                                                                                                  \mathbf{I}
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                                                +1 (303) 440-4894 * * DISTRIBUTION RELEASE 3.
programming) *
(C) 1993 J. Schubert (jsb@sth.ruhr-uni-bochum.de) *
Copyright (C) 1994 by Florian La Roche ** This module implements the Reverse Address Resolution
Protocol * (RARP, RFC 903), which is used to convert low level addresses such * as ethernet addres
(C) 1992,1993 Brad McLean. See aha1740.c * for more info *
Copyright (C) 1994 |
                                    W. Metzenthen, 22 Parker St, Ormond, Vic 3163,
Australia. E-mail billm@vaxc.cc.monash.edu.au
Copyright (C) 1994 David S. Miller (davem@caip.rutgers.edu) */
Copyright (C) 1991, 1992 Linus Torvalds * * /proc link-file handling code
```

```
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                                                 See buslogic.c for more information. */
Copyright (C) 1994,1995 Werner Zimmermann (zimmerma@rz.fht-esslingen.de)
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Copyright (C) 1993 Bruno Haible */
Copyright (C) 1993 Pascal Haible, Bruno Haible * * sysv/truncate.c
Copyright (C) 1991, 1992 Linus Torvalds * * xiafs fsync primitive
Copyright (C) 1992 Krishna Balasubramanian
(C) 1992 Eric Youngdale Modified for ISO9660 filesystem. *
Copyright (C) 1991, 1992 Linus Torvalds! modified by Drew Eckhardt!
                                                                           modified by Bruce Evans
(bde)!! bootsect.s is loaded at 0x7c00 by the bios-startup routines, and moves! itself out of the way t
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Copyright 1994, Drew Eckhardt * * For more information, please consult
Copyright (C) 1992 Tommy Thorn
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Copyright (1994, 1995) Eric Youngdale. * * Support for loading low-level scsi drivers using the linux kernel
loadable * module interface.
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Copyright (C) 1994 Waldorf GMBH, * written by Ralf Baechle */#include linux/linkage.h>#include
linux/errno.h>#include linux/vm86.h>
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                 most of this file is stolen from base.c *
                                                                it works, but you
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                                                                                      Australia. E-mail
billm@vaxc.cc.monash.edu.au | |
Copyright (C) 1992 Drew Eckhardt *
                                         Generic hard disk header file by *
                                                                                             Drew
Eckhardt * *
                        <drew@colorado.edu>
Copyright 1994 David S. Miller (davem@caip.rutgers.edu) */
Copyright (C) 1991, 1992 Linus Torvalds ** proc fd directory handling functions
(C) 1986-1990 V7.009/18/90", 5, 46, FD
Copyright 1991 Phil Karn, KA9Q
Copyright (C) 1991, 1992 Linus Torvalds * * coh/namei.c
Copyright (C) 1991, 1992 Linus Torvalds * * Modified to make sys_syslog() more flexible: added
commands to * return the last 4k of kernel messages, regardless of whether * they've been read or no
Copyright (C) 1992, 1993 Krishna Balasubramanian *
                                                         Many improvements/fixes by Bruno Haible. *
Replaced `struct shm desc' by `struct vm area struct', July 1994. */
Copyright (C) 1991 Eric Youngdale */
Copyright (C) 1992 David Giller
Copyright (C) 1994 David S. Miller (davem@caip.rutgers.edu). * * Delay quick inlined code using
'loops_per_second' which is * calculated in calibrate_delay() in main.c (ie. BogoMIPS :-)
Copyright (C) 1994, 1995 Waldorf Electronics * written by Ralf Baechle */
Copyright (C) 1994 Waldorf Electronics * Written by Ralf Baechle and Andreas Busse * * Head.S contains
the MIPS exception handler and startup code.
Copyright (C) 1992 Linus Torvalds * * do_bottom_half() runs at normal kernel priority: all interrupts *
enabled. do_bottom_half() is atomic with respect to itself: a * bottom_half handler need no
(C) W. Metzenthen.\n");#endif PRINT_MESSAGES
                                                       /* Get a name string for error reporting */
                                                                                                     for
(i=0; exception_names[i].type; i++)
                                         if ( (exception_names[i].type & n) == exception_na
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Australia. E-mail billm@vaxc.cc.monash.edu.au
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Copyright (C) Q. Frank Xia, 1993. * * Based on Linus' minix/file.c
Copyright 1994. * * This file also contains code originally written by Linus Torvalds,
Copyright (C) 1992 Linus Torvalds * * This file contains the code used by various IRQ handling routines:
Copyright (C) 1994, 1995 Linus Torvalds */
Copyright 1994 Digital Equipment Corporation.
copyright 1989 Regents of the University of California\n");#endif#ifdef CONFIG AX25
```

```
printk("AX25: KISS encapsulation enabled\n");#endif
                                                                           /* Fill in our LDISC request
block. */
                       memset(&sl_ldisc
Copyright 1991, 1992, 1993, and by Julian Cowley, Copyright 1994.
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1002AWX1"
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Copyright (C) 19yy < name of author>
Copyright 1992, 1993, 1994, 1995 Rickard E. Faith * * $Id: fdomain.c,v 5.28 1995/06/05 13:21:57 faith
Exp $
(C) 1994 Linus Torvalds */
Copyright 1992, 1993 Rickard E. Faith (faith@cs.unc.edu) *
Copyright (C) 1993 Bruno Haible ** This file contains code for allocating/freeing inodes.
Copyright (C) 1995 Waldorf Electronics * written by Ralf Baechle */#include <asm/bootinfo.h>
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                                                         Copyright, 1988, Russell Nelson, Crynwr
Software * * Adapted to the sample network driver core for linux, *
                                                                           written by: Donald Becker
<br/>becker@super.o
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(C) 1991 Linus Torvalds - minix filesystem * * isofs regular file handling primitives
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Copyright (C) 1992 Tommy Thorn and * Modified by Eric Youngdale * * This file is aha1740.c, written and
Copyright (C) 1993 Pascal Haible, Bruno Haible * * sysv/balloc.c
Copyright (C) 1991, 1992 Linus Torvalds * * isofs symlink handling code. This is only used with the Rock
Ridge * extensions to iso9660
Copyright (C) 1991, 1992 Linus Torvalds * * coh/file.c
Copyright (C) 1991, 1992 Linus Torvalds * * table of configured filesystems
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Copyright (C) 1992 Drew Eckhardt *
                                        mid to low-level SCSI driver interface header by
      Drew Eckhardt * *
                                <drew@colorado.edu>
Copyright (C) 1994, 1995 Dario Ballabio (dario@milano.europe.dg.com) * *
                                                                            WARNING: if your 14F
                                                        you must change "#undef" into "#def
board has an old firmware revision (see below) *
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Copyright (c) 1994 The University of Calgary Department of Computer Science.
Copyright (c) 1994, 1995 Waldorf Electronics * written by Ralf Baechle */
Copyright (C) 1994 by Waldorf Electronics * Written by Ralf Baechle and Andreas Busse * * Based on
Linux/68k linux/include/linux/bootstrap.h
Copyright (C) 1994 David S. Miller (davem@caip.rutgers.edu)
Copyright (C) 1994, 1995 Dario Ballabio (dario@milano.europe.dg.com) *
Copyright (C) 1995 Ralf Baechle */#include linux/autoconf.h>#include linux/types.h>#include
<asm/bootinfo.h>
Copyright 1993, Drew Eckhardt * Visionary Computing *
                                                          (Unix and Linux consulting and custom
                       drew@colorado.edu *
                                               +1 (303) 440-4894 * * ALPHA RELEASE 1.
programming) *
Copyright (C) 1992 David B. Gentzel * Low-level SCSI driver for UltraStor 14F, 24F, and 34F *
                                                                     (gentzel@nova.enet.dec.com) * sc
David B. Gentzel, Whitfield Software Services, Carnegie, PA *
Copyright Motorola 1984 (
Copyright (C) 1994, 1995 Linus Torvalds * * This file is the bootloader for the Linux/AXP kernel
Copyright (C) Q. Frank Xia, 1993. */
```

```
Copyright (C) 1991, 1992 Linus Torvalds */
Copyright (C) 1992 Eric Youngdale * Simulate a host adapter with 2 disks attached. Do a lot of checking *
to make sure that we are not getting blocks mixed up, and panic if * anything out of t
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* Universite Pierre et Marie Curie (Paris VI) */
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add line disciplines * which can be dynamically activated and de-activated by the line * disci
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Copyright (C) 1992 Drew Eckhardt *
                                         SCSI disk driver header file by *
                                                                                    Drew Eckhardt **
       <drew@colorado.edu>
Copyright (C) 1992-1993 Jean-loup Gailly.
copyright (C) 1992 Michael K. Johnson * Interrupt support added 1993 Nigel Gamble */
Copyright (C) 1992, 1994 by Theodore Ts
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                                         Visionary Computing * (Unix and Linux consulting and
custom programming) * drew@Colorado.EDU * +1 (303) 786-7975 * * For more information, pl
Copyright (C) 1993, 1994, 1995 Eric Youngdale * * adapted from:
(C) 1992 David Giller rafetmad@oxy.edu * 1994 Eberhard Moenkeberg emoenke@gwdg.de ("read audio"
and some other stuff) * *
               * * * * clinux/cdrom.h> -- CD-ROM IOCTLs and structs
Copyright (C) 1991, 1992 Linus Torvalds * * proc root directory handling functions
Copyright (C) 1992 Remy Card (card@masi.ibp.fr) * * xenix/alloc.c
Copyright (C) Q. Frank Xia, 1993. * * Based on Linus' minix/dir.c
(C) 1991 David B. Gentzel *
                               Low-level scsi driver for UltraStor 14F *
                                                                           by David B. Gentzel, Whitfield
Software Services, Carnegie, PA *
                                           (gentzel@nova.enet.dec.com) * scatter/gather added by Sc
Copyright (c) 1989 Regents of the University of California. * All rights reserved
(C) Controlreg (S) Statusreg */
Copyright (C) David S. Miller (davem@caip.rutgers.edu) */
Copyright (C) 1993, 1994, 1995 Eric Youngdale * * mid to lowlevel SCSI driver interface *
      Initial versions: Drew Eckhardt *
                                                 Subsequent revisions: Eric Youngdale
Copyright (C) 1994, 1995 scott snyder <snyder@fnald0.fnal.gov>
Copyright (C) 1991, 1992 Linus Torvalds * * coh/dir.c
Copyright (C) Q. Frank Xia, 1993. * * Based on Linus' minix/bitmap.c
Copyright (C) 1991, 1992 Linus Torvalds */
copyright (C) 1991, 1992 Linus Torvalds. It was * extensively rewritten by Theodore Ts'o, 8/16/92 --
9/14/92, * and then fixed as suggested by Michael K. Johnson 12/12/92. * * This version does
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Copyright 1993, 1994 Juergen E. Fischer *
Copyright (C) 1994, 1995 Dario Ballabio.\n");
Copyright 1994, 1995 Digital Equipment Corporation.
Copyright (C) 1994 by Ralf Baechle */
Copyright (C) 1994, 1995 Werner Zimmermann * *
                                                         based on Mitsumi CDROM driver by Martin
Harriss
Copyright (C) 1992 by Linus Torvalds * based on ideas by Darren Senn * * Fixes:
Copyright (c) 1994 David Perry
(C) * This source is covered by the GNU GPL, the same as all kernel sources. * * Features:
Copyright 1993 United States Government as represented by the Director,
Copyright (C) 1994 by Florian La Roche * - Do not copy data too often around in the kernel. * - In
nfs_file_read the return value of kmalloc wasn't checked. * - Put in a better version of rea
Copyright (C) 1993, 1994, 1995 Eric Youngdale * * Modified by Eric Youngdale *
                                                                                   Use request irg and
request_dma to help prevent unexpected conflicts *
                                                       Set up on-board DMA controller,
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Copyright (C) 1992,1993 Brad McLean * * Modifications to makecode and queuecommand * for proper
handling of multiple devices courteously * provided by Michael Weller, March, 1993
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```

```
programming) *
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                                                +1 (303) 440-4894 * * DISTRIBUTION RELEASE 3.
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                                                Low-level scsi driver for BusLogic adapters *by David B.
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                                                                                             5, 25,
FD},{"FUTURE DOMAIN TMC-950",
                                                 5, 21, FD}, #endif /* CONFIG_SCSI_SEAGATE */}
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                                                                                       adjtime
Copyright (C) 1993, 1994, 1995 Eric Youngdale * * generic mid-level SCSI driver *
                                                                                           Initial
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(c)Copyright 1987 SMS",xd_omti_init_controller,xd_omti_init_drive,"n OMTI 5520"};static u_char
*xd_bases[] =
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(C) 1994,1995 Werner Zimmermann\n"); printk("Aztech CD-ROM Init: DriverVersion=%s
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BaseAddress=0x%x \n",AZT VERSION,azt port);
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                                                                                           If you
change this software, you should mail a .diff *
                                                        file with some description lines t
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Exp $
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                                                         David Mosberger-Tang <davidm@hpl.hp.com>
      Stephane Eranian <eranian@hpl.hp.com> ** From include/linux/efi.h in kernel 4.1 with some
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Copyright (C) 2017 Andes Technology Corporation * Rick Chen, Andes Technology Corporation
<rick@andestech.com> * * bit 0 is the LSB of addr; bit 32 is the LSB of (addr+1).
```

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bernie@develer.com> * Based on former asm-ppc/div64.h and
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<rick@andestech.com> * * ARM Endian-ness. In little endian mode, the data bus is connected such * that
bν
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Copyright (C) 2003 Bernardo Innocenti <br/>
bernie@develer.com> * * Based on former do_div()
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