

KTGM4527.rom:

Improved support for Adaptec Raid Card 6805
Added "Low RPM Fan Range"

KTGM4526.rom:

Added LVDS PWM controlled backlight for Win7

KTGM4525.rom:

Improved PEG control.

KTGM4524.rom:

Improved Power Button handling when > 4 Sec.

KTGM4523.rom:

Added support for RTC resume function.

KTGM4522.rom:

(Not used)

KTGM4521.rom:

Improved support for PCI Riser card (PCIR-CB03R).

KTGM4520.rom:

Fix PCIe problem in BIOS 18 and 19.

KTGM4519.rom:

Added support for PCI Riser card (PCIR-CB03R)

KTGM4518.rom:

Added option "Fan Minimum Speed".

KTGM4517.rom:

Added option "PEG Force X1 Link Width".

KTGM4516.rom:

Fix failed booting when CPU temperature is 80 degrees Celsius.
Added option to disable on-board Firewire.

KTGM4515.rom:

Added support for more busses (from 32 to 64).

KTGM4514.rom:

Improved support for bridged devices having multi IRQs.
PCIe routing updated.

KTGM4513.rom:

SMDATA/DMI area accessible by BF tool.

TV-out boot delay increased.

Updated display block to V0.05.

DRAM error code directed to Speaker and Line-out.

Automatic CMOS Default load if required in combination with BIOS upgrade.

Improved Always Power On stability when using 12V only PSU.

KTGM4512.rom:

System Temperature sensor and CPU Temperature sensor offset corrected.

KTGM4511.rom:

INTA & INTB on PCIe roothub swapped.

KTGM4510.rom:

Added Bootfail retry option.

Added SMBIOS - DMI type 11.

Fixed Serial redir name strings.

Fixed LVDS panel lid status.

Added support for raw card type G/H (Kingston RAM 1Gb / 2Gb KVR1333D3N9/1G / KVR1066D3N7K2/G4).

Updated display block to V0.04

Updated VGA BIOS to version 2052.

KTGM4509.rom:

Improved support for Expansion rom on multimedia class boards.

Updated display block to V0.02.

Fix Force boot: "Any Harddrive" no longer allow large USB devices to boot.

When SATA disk is running in AHCI mode or as "Non-raid" disk, then force boot can be controlled like this:

Primary IDE Master = Port 0

Secondary IDE Master = Port 1

5th IDE Master = Port 4

5th IDE Slave = Port 5

KTGM4508.rom:

Added support for CAN bus LPC adapter.

KTGM4507.rom:

Fixed PCIe X4 reset problem.

KTGM4506.rom:

Fixed display of OEM defaults enable scenario.

Added support for Dallas3231 device.

Added Time "set" in standard time & date menu.

Added option for "System Date/Time Backup".

KTGM4505.rom: Initial release