

SynAST Driver Upgrade Instruction

1. Release Version: SynAST-1.0.0.0

Release Date: February, 2009

Supported Board Models:

Series	Model	Related Documents	Note
FXM	FXM-8A/PCI	AST_FXM.pdf	
	FXM-16A/PCIe	AST_FXM_intro.pdf	
TEJ	TEJ-1A/PCI	AST_TEJ.pdf	
	TEJ-2A/PCI	AST_TEJ_intro.pdf	
	TEJ-4A/PCI		
CDC	CDC-1522A/PCI	AST_CDC.pdf	
	CDC-2522A/PCI	AST_CDC_intro.pdf	
	CDC-3522A/PCI		

Release Notes:

SynAST-1.0.0.0 not only integrates fxm8apci-1.0.0, fxm16apcie-1.0.0.0, tejxapci-1.0.0 and cdcx522apci-1.0.0, but also improves in functions and features.

Series	Improvement in Features	Note
FXM, TEJ, CDC	Change the way to deal with interruption, which enhances the accuracy for interruption.	
	Fix the bug that the driver could not load automatically.	
	Add the installation, configuration and test instruction of Trixbox and FreeSwitch to relative user manuals.	
	Consummate the FAQ section in our user manual.	
FXM, TEJ	Mend the echo cancellation arithmetic, improving the quality of tone.	
FXM	Support composite modules.	
	Solve the problem that it takes a relative long time to detect the ring in case the line from GSM Modem is connected with the board.	
TEJ	Support the clock configuration item of zaptel.	

2. Release Version: SynAST-1.1.0.0

Release Date: July, 2009

Supported Board Models:

Series	Model	Related Documents	Note
FXM	FXM-8A/PCI	AST_FXM.pdf	
	FXM-16A/PCIe	AST_FXM_intro.pdf	
TEJ	TEJ-1A/PCI	AST_TEJ.pdf	
	TEJ-2A/PCI	AST_TEJ_intro.pdf	
	TEJ-4A/PCI		

CDC	CDC-1522A/PCI CDC-2522A/PCI CDC-3522A/PCI	AST_CDC.pdf AST_CDC_intro.pdf	
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Release Notes:

Besides zaptel, this version SynAST-1.1.0.0 supports the dahdi driver and provides manuals on how to install, configure and test such platforms as yate, callweaver, elastix, asteriskNOW for our SynAST driver.

Series	Improvement in Features	Note
FXM, TEJ, CDC	Add description in our user manual on how to install and configure the DAHDI driver.	
	Add new files especially on how to install, configure and test the platforms yate, callweaver, elastix and asteriskNOW.	
	Add the driver codes used in DAHDI.	
TEJ	Support channelBank.	
	Support the setting of 75ohm or 120ohm as the impedance.	

3. Release Version: SynAST-1.2.0.0

Release Date: August, 2009

Supported Board Models:

Series	Model	Related Documents	Note
FXM	FXM-8A/PCI FXM-16A/PCle FXM3201P	AST_FXM_cn.pdf AST_FXM_intro_cn.pdf AST_FXM32_cn.pdf AST_FXM32_intro_cn.pdf	
TEJ	TEJ-1A/PCI TEJ-2A/PCI TEJ-4A/PCI	AST_TEJ_cn.pdf AST_TEJ_intro_cn.pdf	
CDC	CDC-1522A/PCI CDC-2522A/PCI CDC-3522A/PCI	AST_CDC_cn.pdf AST_CDC_intro_cn.pdf	

Release Notes:

This version SynAST-1.2.0.0 newly supports the FXM3201P board.

Series	Improvement in Features	Note
FXM	Newly support the FXM3201P board.	
TEJ	Add the instruction on the configuration to support channel bank.	
	Fix the bug that link status cannot be shown correctly by dahdi_tool and zttool.	

4. Release Version: SynAST-1.3.0.0

Release Date: September, 2009

Supported Board Models:

Series	Model	Related Documents	Note
FXM	FXM-8A/PCI	AST_FXM_cn.pdf	
	FXM-16A/PCIe	AST_FXM_intro_cn.pdf	
	FXM3201P	AST_FXM32_cn.pdf	
	FXM3201E	AST_FXM32_intro_cn.pdf	
TEJ	TEJ-1A/PCI	AST_TEJ_cn.pdf	
	TEJ-2A/PCI	AST_TEJ_intro_cn.pdf	
	TEJ-4A/PCI	AST_TEJ(PCIe)_cn.pdf	
	TEJ201E	AST_TEJ(PCIe)_intro_cn.pdf	
	TEJ101E		
CDC	CDC-1522A/PCI	AST_CDC_cn.pdf	
	CDC-2522A/PCI	AST_CDC_intro_cn.pdf	
	CDC-3522A/PCI		

Release Notes:

This version SynAST-1.3.0.0 newly supports the FXM3201E, TEJ201E and TEJ101E boards.

Series	Improvement in Features	Note
FXM	Newly support the FXM3201E board.	
TEJ	Newly support the TEJ201E and TEJ101E boards.	
FXM	Improve the capability of echo cancellation for FXM-8A/PCI, FXM-16A/PCIe, TEJ-1A/PCI, TEJ-2A/PCI and TEJ-4A/PCI boards.	
TEJ		