

New Multi-Tech Systems Hex File Filename Format

Overview

In order to make the flash updating of Multi-Tech Systems products more fool proof, we have devised a naming convention so that users can be assured that they are flashing the correct firmware into their Multi-Tech device. In the future, more and more models will be added as our Flash Wizard Utility is able to update them.

Hex File Name naming convention

MMCCVVVV.HEX

Where MM is an abbreviation for the model, CC is an abbreviation for the country, VVVV is the abbreviation for version of the hex file.

When naming hex files, filenames longer than 8 character are allowed, this is done by having an underscore after the 4th character

Example: MMLL_VVVVVVV is now valid, but MMLLVVVVVVV is still invalid).

In addition, any underscores after the first one are translated into a "." (ex. MMLL_1_2_3_4 would become 1.2.3.4)

Updated January 13, 2012

Model Abbreviation (MM)			
Abbr.	Model		
2B	MT2834BA	FE	MD1626A
AA	MT2834BLI	FF	MT5634SMI-34
AB	MT2834ZDX	FG	MT5634ZBA - V92 - SPECIAL
AC	MT3334SMI	FH	MT5600BA - SPECIAL
AD	MT3334ZDX SPECIAL	FI	MT5600BA - V92 - SPECIAL
AE	MT2834BL	FJ	MT5634ZPX-PCI-U Voice 2.xx
AF	MT2834BRI	FK	MT2456SMI
AG	MT2834BR	FL	MT5600BA - SPECIAL
AH	MT2834BLRI	FM	MT5634SMI-34 S0=0
AI	MT2834BLR	FN	MT5634SMI-V92-SPECIAL
AJ	MT1432LT	FO	MT5600SMI-V92
AK	MT2834LTI	FP	ISI5634PCI - DSR Normal
AL	MT2834LT	FQ	MT5634ZBAV - SPECIAL
AM	MT5634ZDXV	FR	MT5634SMI-P-V92-SPECIAL
AN	MT5634MSV	FS	MT5634SMI-V92-SPECIAL
AO	MT5634ZBA-USB	FT	MT5634ZBA-V92-SPECIAL
AP	MT3334ZDXV	FU	MT5634ZBA-USB-V92-SPECIAL
AQ	MT3334ZDX	FV	MT2456SMI-V32-V34-V92
AR	MT5634ZBAV	FW	MT5634SMI-34 SPECIAL
AS	MT5634ZBA	FX	MT2456SMI-V22 SPECIAL
AT	MT5634ZPX-PCI	FY	MT2456SMI-V22 SPECIAL

AU	MT5634ZPX	FZ	FAX FINDER
AV	MT5634ZLXI	GA	MT5634SMI-34 SPECIAL
AW	MT5634ZLX	GB	MT5656ZDX-ROM FAXCLASS 2
AX	MT3400ZLXI	GC	MT5656ZDX-ROM NVM
AY	MT3400ZLX	GD	MT5656ZDXV-ROM FAXCLASS 2
AZ	MT3410ZLX-V	GE	MT5656ZDXV-ROM NVM
BA	MT5634ZLX/E	GF	MT5656SMI - NVM
BB	MT5634ZLXI/E	GG	MT5656SMI - FAX CLASS 2
BC	K56CC	GH	MT5634MU-SPECIAL
BD	K56&128CC	GI	MT5634ZBA-USB-V92 SPECIAL
BE	MT5634ZBA-USB	GJ	MT5634ZBA-V92-SPECIAL
BF	MT5634MU	GK	MT5634SMI-V92-SPECIAL
BG	MT5634SMI	GL	MT5634ZPX-PCI-U SPECIAL
BH	MT3400ZLX-V	GM	MT128SMI
BI	MT3400ZLXI-V	GN	MTA128ST-II
BJ	MT5600BA (2.xx)	GO	MT5634SMI-V92 SPECIAL
BJ	MT5600BA-V90_2M_DLS (2.xx)	GP	MT5634ZBA-DID_CF
BK	MT5600BL (2.xx)	GQ	MT5634SMI-V92 SPECIAL
BK	MT5600BL-V90_2M_DLS (2.xx)	GR	MT5656RJ-1
BL	MT5600DSVD (2.xx)	GS	MT5634ZPX-LSS
BL	MT5600DSVD-V90_2M_DLS (2.xx)	GT	MT5634SMI-34-SPECIAL
BM	MT5600DSVD2 (2.xx)	GU	MT5634SMI-V92-SPECIAL
BM	MT5600DSVD2-V90_2M_DLS (2.xx)	GV	MT5656SMI-NVC2
BN	MT5600ZDX (2.xx)	GW	MT5634ZPX-V92 (ISA)
BN	MT5600ZDX-V90_2M_DLS (2.xx)	GX	MT5634ZBA-V92-SPECIAL
BN	MT5600ZDXe-V90_2M_DLS (2.xx)	GY	MTA128NT-II

BO	MT5600ZDX-K56_2M_DLS (2.xx)	GZ	MT9234SMI
BP	MT5600ZDX-K56_DLS (2.xx)	H3	MT3334HD8
BP	MT5600ZDXe-K56_DLS (2.xx)	H5	MT5634HD8
BQ	MT5600ZDXV (2.xx)	H6	MT5634HD16
BQ	MT5600ZDXV-V90_2M_DLS (2.xx)	H7	MT5634HD16-SPECIAL
BR	MT5600ZDXV-K56_2M_DLS (2.xx)	HA	MT9234SMI-IND
BS	MT5600ZDXV-K56_DLS (2.xx)	HB	MT5634ZBA-USB-V92-SPECIAL
BT	K56DTV (2.xx)	HC	MT5634ZPX-REM-SPECIAL
BU	MD1620A(2.xx)5600ZDX SPECIAL	HD	MT5634SMI-V92 SPECIAL
BV	MT5634ZBA SPECIAL	HE	MT5634ZBA-V92 3.xx NONGLOBAL
BW	MT5634ZBA SPECIAL	HF	MT9234MU
BX	MT5634ZBA SPECIAL	HG	MT9234ZPX-UPCI
BY	MT2834BA SPECIAL	HH	MT5600BR-V92
BZ	MT2834BL SPECIAL	HI	MT5600BA-V92-SPECIAL
CA	MT2834BR SPECIAL	HJ	MD1650A
CB	MT2834BLF SPECIAL	HK	MT5634ZBAV-V92-SPECIAL
CC	MT2834BLG SPECIAL	HL	MT9234ZBA
CD	MT2834BLI SPECIAL	HM	MT9234ZBAV
CE	MT2834BLK SPECIAL	HN	MT100SEM
CF	MT2834BRI SPECIAL	HO	CF100FX
CG	MD1601C SPECIAL	HP	ISIHP-TA
CH	MD1600C SPECIAL	HQ	MT9234ZBA-USB
CI	MT2834BL SPECIAL	HR	MT5634ZBA-V92 non global SPECIAL
CJ	MT2834BLI SPECIAL	HS	MT9234SMI – SPECIAL
CK	MT5634ZLX /FE	HT	MT9234SMI – SPECIAL
CL	MT5634SMI - SPECIAL	HU	MT9234SMI – SPECIAL
CM	MT5600ZDX 2B+D	HV	MT9234SMI-P Parallel

CM	MT5600ZDX -V90_2M_DLS 2B+D	HW	MT5634ZPX-PCI-U Non Voice 3.xx
CN	MT1432MuMAC	HX	MT9234ZPX-UPCI-NV
CO	MT1432Mu	HY	MT2128SMI
CP	MR4800/MR9600	HZ	MTA2128ST
CQ	MT1432MuI	I5	ISI5634PCI
CR	128TA-RC	IA	MTA2128NT
CS	MTASR3-204	IB	MT5656SMI-IP
CT	MT2834BLI - SPECIAL	IC	MT5634ZBA-V92 115V-CR
CU	MT2834BL - SPECIAL	ID	MT9234ZPX-PCIE-NV
CV	MT2834BAI	IE	MT9234ZPX-PCIE
CW	MT2834BLK	IF	MT5634SMI-P-V92 SPECIAL
CX	MT5600BA – SPECIAL	IG	MT5656SMI – D
CY	MTA128ST-USB-RC	IH	MT9234SMI SPECIAL
CZ	MT5634SMI - SPECIAL	II	MT9234ZBA-USB SPECIAL
DA	MT3334SMI - SPECIAL	IJ	MTSMC-H
DB	MT56128ZLX_ST	IK	MTSMC-X-IP
DC	MT56128ZLX_NT	IL	MT9234ZBA SPECIAL
DD	MT5634ZBA – SPECIAL	IM	ISI56128_MDM (SIHx-Modem)
DE	MT5634ZBA – SPECIAL	IN	MT9234ZBA SPECIAL
DF	MT5634ZBA - SPECIAL	IO	MTCMR-X
DG	MT5634SMI – Parallel	IP	MT5692SMI-IP (IP stack code)
DH	MT5634ZBA – SPECIAL	IQ	MT100SEM-HV
DI	MD1640A–JAP MT2834BLI SPECIAL	IR	MT9234SMI SPECIAL
DJ	MT3334SMI- SPECIAL	IS	ISI3334
DL	MT5634ZBA - SPECIAL	IT	ISIH-IA
DM	MT2834ZDX – SPECIAL	IU	MT9234ZBA SPECIAL

DN	MT3334SMI – S0=0	IV	MT5634ZBA-V92 SPECIAL
DO	MT5634ZBA-V92 1.xx GLOBAL	IW	MT5692SMI
DP	MT5600SMI	IW	MT5692SMI-V
DQ	MT3400SMI	IW	MT5692SMI-P
DR	MT2834BAI – SPECIAL	IW	MT5692SMI-IP (modem code)
DS	MT2834ZDXb-U	IX	MT9234SMI SPECIAL
DT	MT2834PCS	IY	MT100A2W
DU	MT2834PCS2	IZ	UIP256
DV	MT2834PCSC	JA	MTSMC-G2
DW	MT5634SMI-V92	JB	UIP256E
DX	MT1432MuIMAC	JC	MT9234MU-CDC
DY	MT1432LTI	JD	MT9234ZBA-USB-CDC
DZ	MT2834PCSI	JE	MT5656SMI-IP SPECIAL
EA	MT5634ZPX-PCI-V92	JF	MT100A2W - SPECIAL
EB	MD403A – SPECIAL	KA	MT100A2W - EURO
EC	MT5634ZBA-DID SPECIAL	KB	MT100A2W – SPECIAL - EURO
ED	MT5634ZPX - SPECIAL	KC	MT9234SMI - SPECIAL
EE	MT5634ZBA – SPECIAL	KD	MT100A2W - SPECIAL - EURO
EF	MT3334ZDXVI	KE	MT9234SMI - SPECIAL
EG	MT5634ZPX- SPECIAL	KF	MT9234ZBA - SPECIAL
EH	MT2834BR – SPECIAL	KG	MT9234ZBA - SPECIAL
EJ	MT5634SMI - REV F	KH	MT9234ZBA - SPECIAL
EK	MT5634ZBAV-V92	KI	MT100A2W – 512K
EL	MT5634SMI-P-V92	KJ	MT110A2W
EM	MT5634ZBA - SPECIAL	KK	MT200A2W
EN	MT5634ZPX-PCI - SPECIAL	KL	MT9234SMI-SPECIAL
EO	MT5634SMI-REVF- SPECIAL	KM	MT9234ZBA - SPECIAL

EP	MT5634ZBA-V92- SPECIAL	KN	MT9234SMI-P-SPECIAL
EQ	MT3400SMI - V32	KO	MT200A2W - EURO
ER	MT5634SMI-IP	KP	UIP512
ES	MT5634ZBA-USB-V92	KQ	MT9234ZBA-SPECIAL
ET	128TA	KR	MT5634SMI-V92-SPECIAL
EU	MT5634SMI-V92- SPECIAL	KS	MT9234MU-CDC-SPECIAL
EV	MT5600ZDX- SPECIAL	KT	MT9234ZBA-USB-CDC-SPECIAL
EW	MT5656ZDX	M1	MT1432MR (Rev-D) 2.xx
EX	MT5656ZDXV	M1	MT1432MR (Rev-G or later) 8.xx
EY	MT5634ZBA-V92- SPECIAL	M3	MT2834MR
EZ	MT3334SMI - SPECIAL	M6	MT2834MR6
FA	MT5634SMI-G	MF	MT2834MRF
FA	MT5634SMI-Global	MG	MT2834MRG
FB	MT5600BA-V92	MI	MT2834MRI
FC	MT5634ZBA-USB- SPECIAL	MK	MT2834MRK
FD	SC56H1 - Socket modem	MR	MT2834MR-R
FD	SC336 - Socket modem	NT	MTA128NT
FD	SC144 - Socket modem	RT	MTA128ST_RC
FD	SC56H1-L - Socket modem	ST	MTA128ST
FD	SC56H - Socket modem	UT	MTA128ST-USB
Abbr.	Country Identifier		
AU	AUSTRALIA	MY	MALAYSIA
AT	AUSTRIA	MX	MEXICO
BE	BELGIUM	NL	NETHERLANDS

BG	BULGARIA	NZ	NEW ZEALAND
CA	CANADA	NO	NORWAY
CL	CHILE	QP	EUROPE/NORTH AMERICA
CN	CHINA	PH	PHILIPPINES
CZ	CZECH REPUBLIC	PL	POLAND
DK	DENMARK	PT	PORTUGAL
FI	FINLAND	RU	RUSSIA
FR	FRANCE	SG	SINGAPORE
DE	GERMANY	SK	SLOVAKIA
QG	GLOBAL	SI	SLOVENIA
GR	GREECE	ZA	SOUTH AFRICA
HK	HONGKONG	ES	SPAIN
HU	HUNGARY	SE	SWEDEN
IN	INDIA	CH	SWITZERLAND
ID	INDONESIA	TW	TAIWAN
IE	IRELAND	TH	THAILAND
IL	ISREAL	TR	TURKEY
IT	ITALY	AE	UNITED ARAB EMIRATES
JP	JAPAN	QU	UNIVERSAL
KP	KOREA	VN	VIET NAM
LU	LUXEMBOURGH	QX	NORTH AMERICA
GB	GREAT BRITAIN	QY	STANDARD INTERNATIONAL

Version Abbreviation (VVVV)

There are two forms for version abbreviation:

Case #1: If the version has two digits to the left of the decimal then it is encoded as VV.VV (eg. 24.32 would be 2432)

Case #2: If the version has only one digit to the left of the decimal then it is encoded as V.VVC where C is a version letter. In this case the version string can be less than four characters (eg. 3.02 would just be 302, 3.02c would be 302C).

Which way to use is done on a model/hex file type basis. The only case #1's that I know of are boot code files for modems.