



AN0006
应用笔记
Rev 2.4 2023/09/26

MM32 系列烧录器支持列表

1.简介

MM32 系列 MCU 基于高性能的 ARM® Cortex®-M0/M0+/M3 和 Armv-8 架构的“星辰” STAR-MC1 为内核，使用标准的 SWD 和 JTAG 调试接口进行烧录调试，已经得到广大的厂家支持。

2. 第三方烧录器合作商支持MM32型号表

表2.1 第三方厂家支持MM32型号表

第三方厂家	支持MM32烧录器型号	支持MM32型号	配套工具
创芯工坊 Icworkshop	<ul style="list-style-type: none"> PWLINK2 PW200 PW300 	MM32F031, MM32F103, MM32L0, MM32L3, MM32F0010, MM32F0020, MM32A0140, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F0160, MM32F3270, MM32F5270, MM32F5280(不 支持QSPI), MM32L0130, MM32L0020, MM32G0140, MM32SPIN0280, MM32SPIN05, MM32SPIN07PF, MM32SPIN040C, MM32SPIN160C, MM32SPIN222C, MM32SPIN223C, MM32SPIN360C, MM32SPIN37PSD, MM32SPIN422C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32F5330, MM32G0140, MM32SPIN0230, MM32G0001, MM325230, MM32SPIN030C, MM32SPIN080C, MM32G5330, MM32A0160	增加接线便利性的“转接板套件” 实现烧录授权控制的辅助工具“ICWKEY”
河洛 Hilosystems	<ul style="list-style-type: none"> ALL-200G ALL-200 	MM32F031,MM32F103, MM32L0, MM32L3, MM32F0010, MM32F0020, MM32F003, MM32F0130, MM32SPIN05, MM32SPIN160C, MM32F0160, MM32A0140, MM32G0001	专用转接座: UHD-MM32SPIN-QN20/32, HD- STM32F10XR/O-QF64V5, HD- STM32F10XR/O-QF64V5
芯园电子 XINYUAN	<ul style="list-style-type: none"> SYP-ST268E0 SYP-ST448E/428E0 SYP-ST0508B001 SYP-ST1088D002 	MM32F0010, MM32F0020, MM32A0140, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F0160, MM32F3270, MM32F5270, MM32F5280, MM32L0130, MM32L0020, MM32G0140, MM32SPIN0280, MM32SPIN05, MM32SPIN07PF, MM32SPIN040C, MM32SPIN160C, MM32SPIN223C, MM32SPIN222C, MM32SPIN360C, MM32SPIN560C, MM32SPIN37PSD, MM32SPIN422C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32F5330, MM32G0140, MM32G0160, MM32SPIN0230, MM32G0001, MM32SPIN030C, MM32SPIN080C, MM32A0160, MM32SPIN023C	在板烧录: http://www.xymcu.com/Download_Files/STM32_PRGMR_V46.rar 在板烧录: http://www.xymcu.com/Download_Files/LCD_ALL_PRGMR_V31.rar

第三方厂家	支持MM32烧录器型号	支持MM32型号	配套工具
立功科技 ZLG	<ul style="list-style-type: none"> P800isp (板烧) P800pro (座烧) 	MM32F031, MM32F103, MM32L0, MM32L3, MM32F0010, MM32F0020, MM32F0140, MM32SPIN05, MM32SPIN06, MM32SPIN2x, MM32F0130 (仅座烧)	https://tools.zlg.cn/data/upload/software/Tools/P500_P800_All_Update.zip 匹配专用 Socket 烧录座
西尔特 xeltek	<ul style="list-style-type: none"> SUPERPRO-7500 SUPERPRO-7504N SB02/3/4/5/5E/5X SUPERPRO-IS426 SUPERPRO-IS01 	MM32F031, MM32F103, MM32L0, MM32L3, MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F3270, MM32F5270, MM32F5280(不支持QSPI), MM32L0130, MM32SPIN0280, MM32SPIN040C, MM32SPIN05, MM32SPIN07PF, MM32SPIN040C, MM32SPIN160C, MM32SPIN222C, MM32SPIN223C, MM32SPIN320B, MM32SPIN360C, MM32SPIN37PSD, MM32SPIN422C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32G0140, MM32G0160, MM32SPIN0230, MM32G0001, MM32SPIN030C, MM32SPIN080C, MM32G5330, MM32F5330, MM32F5230, MM32A0160	匹配专用 Socket 烧录座, https://www.xeltek-cn.com/download.html
欣扬电子 Sinaen	<ul style="list-style-type: none"> 通用IC编程器S400 全自动IC编程器A300 全自动IC编程器A600 全自动IC编程器A900 	MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F0160, MM32F3270, MM32L0130, MM32L0020, MM32SPIN0280, MM32SPIN05, MM32SPIN07PF, MM32SPIN040C, MM32F0160, MM32L0020, MM32A0140, MM32F5330, MM32G0140, MM32G0160, MM32SPIN0230, MM32G0001, MM32F5230, MM32SPIN030C, MM32SPIN080C, MM32G5330, MM32A0160, MM32SPIN023C	<ul style="list-style-type: none"> 电源线, 网线 自动烧录主机, Tape reel, 烧录器主机 自动烧录主机, Auto Tray, Tape reel, 烧录器主机 自动烧录主机, Auto Tray, Tape reel, 烧录器主机
昂科 Ocamar	<ul style="list-style-type: none"> AP8000 	MM32F0010, MM32F003, MM32F0040, MM32F0130, MM32SPIN0280, MM32SPIN05, MM32SPIN2x, MM32F0020, MM32G0140, MM32G0160, MM32SPIN0230, MM32F0140, MM32F0160, MM32A0160, MM32F0040	https://www.acroview.com/AP8000/

第三方厂家	支持MM32烧录器型号	支持MM32型号	配套工具
轩微科技 xwopen	XW16PRO	MM32F031,MM32F103, MM32L0, MM32L3, MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F3270, MM32F5270, MM32L0130, MM32SPIN0280, MM32SPIN05, MM32SPIN07PF, MM32SPIN222C, MM32SPIN360C, MM32SPIN422C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32F5330, MM32G0140, MM32G0160, MM32SPIN0230, MM32G0001, MM32F5230, MM32SPIN030C, MM32SPIN080C, MM32A0160, MM32G5330	支持在板烧录, XW16Pro软件及下载说明: http://www.xwopen.com/WpfStandaloneProgrammer.html
安富莱 ARMFLY	<ul style="list-style-type: none"> H7-TOOL 	MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F3270, MM32F5270, MM32F5280, MM32L0130, MM32SPIN0280, MM32SPIN05, MM32SPIN07PF, MM32SPIN040C, MM32SPIN160C, MM32SPIN360C, MM32SPIN422C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32G0140, MM32F5330, MM32G0160, MM32SPIN0230, MM32G0001, MM32F5230	转接板: https://item.taobao.com/item.htm?spm=a1z10.3-c-s.w4002-18210351016.10.1f4d68c7TV0yRn&id=666129013064
戎象科技 RX-prog	<ul style="list-style-type: none"> RX-180 RX-480 RX-880 	MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F031, MM32F103, MM32F3270, MM32F5270, MM32F5280, MM32L0130, MM32L0, MM32SPIN0280, MM32SPIN040C, MM32SPIN05, MM32SPIN07PF, MM32SPIN160C, MM32SPIN222C, MM32SPIN223C, MM32SPIN2x, MM32SPIN320B, MM32SPIN360C, MM32SPIN37PSD, MM32SPIN380C, MM32SPIN422C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32F5330, MM32G0140, MM32SPIN0230 (不支持IAP), MM32G0160, MM32G0001, MM32F5230, MM32SPIN030C, MM32SPIN080C	http://test.rx-prog.com/download

第三方厂家	支持MM32烧录器型号	支持MM32型号	配套工具
高勒康达 GaleComm	<ul style="list-style-type: none"> FT200-CN 	MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F3270, MM32F5270, MM32F5280, MM32L0130, MM32SPIN0280, MM32SPIN05, MM32SPIN06, MM32SPIN07PF, MM32SPIN2x, MM32F0160, MM32L0020, MM32A0140, MM32G0140, MM32G0160	电脑软件上位机版本: FTUer-V2.96 硬件型号: FT200-CN
阿莫 amo	<ul style="list-style-type: none"> K216 K202C K204 	MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F3270, MM32SPIN0280, MM32SPIN040C, MM32SPIN05, MM32SPIN07PF, MM32SPIN160C, MM32SPIN222C, MM32SPIN223C, MM32SPIN2x, MM32SPIN360C, MM32SPIN37PSD, MM32SPIN380C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32G0140, MM32G0160, MM32SPIN0230 (不支持 IAP), MM32G0001	http://www.amomcu.cn/download/
PE Micro	<ul style="list-style-type: none"> Multilink Multilink FX Cyclone Programmers 	MM32F0130, MM32F0140, MM32SPIN05, MM32SPIN06, MM32SPIN07PF, MM32SPIN2x	在板烧录
正点原子 XINGYI	<ul style="list-style-type: none"> MiniPro-V2 P100-V2 P400 	MM32F0010, MM32F0020, MM32A0140, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F0160, MM32F3270, MM32F5270, MM32F5280, MM32L0130, MM32G0140, MM32SPIN0280, MM32SPIN05, MM32SPIN07PF, MM32SPIN040C, MM32SPIN160C, MM32SPIN222C, MM32SPIN223C, MM32SPIN360C, MM32SPIN37PSD, MM32SPIN422C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32A0140, MM32F5330, MM32G0140, MM32SPIN0230 (不支持IAP) , MM32G0001	http://www.openedv.com/docs/tool/programmer/index.html

第三方厂家	支持MM32烧录器型号	支持MM32型号	配套工具
迈斯威志 MaxWiz	<ul style="list-style-type: none"> WizPro200MG 	MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F3270, MM32F5270, MM32F5280, MM32L0130, MM32SPIN0280, MM32SPIN05, MM32SPIN06, MM32SPIN07PF, MM32SPIN160C, MM32SPIN222C, MM32SPIN223C, MM32SPIN2x, MM32SPIN320B, MM32SPIN360C, MM32SPIN37PSD, MM32SPIN422C, MM32SPIN560C, MM32SPIN580C, MM32F0160, MM32L0020, MM32A0140, MM32G0140, MM32G0160, MM32SPIN0230 (不支持IAP) , MM32A0160	http://www.maxwiz.com.cn/index/download?id=21
伟福 wave-cn	<ul style="list-style-type: none"> JMaster3/L 	MM32F0010, MM32F0020, MM32F003, MM32F0040, MM32F0130, MM32F0270, MM32F0140, MM32F031, MM32F103, MM32F3270, MM32F5270, MM32L0130, MM32L0, MM32L3, MM32SPIN0280, MM32SPIN05, MM32SPIN06, MM32SPIN07PF, MM32SPIN2x, MM32F0160, MM32L0020, MM32A0140, MM32G0140	上位机 http://www.wave-cn.cn/download/Programmer/90.html



相关产品可以联系编程器厂家进行购买与支持。

3.烧录器购买与支持链接

表3.1 第三方厂商烧录器购买链接表

第三方厂家	支持MM32的烧录器型号	购买方式
创芯工坊 icworkshop	<ul style="list-style-type: none"> PWLINK2 PW200 PW300 	https://item.taobao.com/item.htm?id=657595440645 https://item.taobao.com/item.htm?id=657595440645
河洛 hilosystems	<ul style="list-style-type: none"> ALL-200G ALL-200 	Jay_L@ms1.hilosystems.com.tw 直营邮箱 (李杰 18662617293)
芯园电子 XINYUAN	<ul style="list-style-type: none"> SYP-ST268E0 SYP-ST448E/428E0 SYP-ST0508B001 SYP-ST1088D002 	https://item.taobao.com/item.htm?spm=a1z10.3-c.w4002-3583468686.20.6c7d538dPNNkQW&id=618007531346
		https://item.taobao.com/item.htm?spm=a1z09.5.0.0.Hrht04&id=521457129743&_u=2dagratd027
		https://item.taobao.com/item.htm?spm=a1z38n.10677092.0.0.594c1debzQVt4F&id=585277850429
		https://item.taobao.com/item.htm?spm=a1z38n.10677092.0.0.594c1debxsYkKw&id=577629685399
轩微科技 xwopen	<ul style="list-style-type: none"> XW16PRO 	https://item.taobao.com/item.htm?id=578188031913
立功科技 ZLG	<ul style="list-style-type: none"> P800isp (板烧) P800pro (座烧) 	市场部王经理: 18689430523, 020-28267976, wangminghui@zlg.cn
西尔特 xeltek	<ul style="list-style-type: none"> SUPERPRO-7500 SUPERPRO-7504N SB02/3/4/5/5E/5X SUPERPRO-IS426 SUPERPRO-IS01 	联系: 086-25-68161233、086-25-68161203、086-25-68161226, Sales02@xeltek-cn.com

第三方厂家	支持MM32的烧录器型号	购买方式
欣扬电子 Sinaen	<ul style="list-style-type: none"> 通用IC编程器S400 全自动IC编程器A300 全自动IC编程器A600 全自动IC编程器A900 	业务助理杨工: 18112771728, S3@sinaen.ne
正点原子 XINGYI	<ul style="list-style-type: none"> MiniPro-V2 P100-V2 P400 	https://openedv.taobao.com
安富莱 ARMLY	<ul style="list-style-type: none"> H7-TOOL 	https://item.taobao.com/item.htm?spm=a1z09.8149145.0.0.42f9451btsyhng&id=602704490583&_u=e8teau7fec0
戎象科技 rx-prog	<ul style="list-style-type: none"> RX-180 RX-480 RX-880 	https://item.taobao.com/item.htm?ft=t&id=576650044688 https://item.taobao.com/item.htm?ft=t&id=682052917600
伟福 wave	<ul style="list-style-type: none"> JMaster3/L 	Sam.Ge MAIL: Sam.Ge@wave-cn.cn MB: 13815898603
PE Micro	<ul style="list-style-type: none"> Multilink Multilink FX Cyclone Programmers 	617-923-0053
迈斯威志 MaxWiz	<ul style="list-style-type: none"> WizPro200MG 	https://shop100174242.taobao.com
高勒康达 GaleComm	<ul style="list-style-type: none"> FT200-CN 	www.galecomm.com
昂科Ocamar	<ul style="list-style-type: none"> AP8000 	https://i-item.jd.com/10055566565278.html

第三方厂家	支持MM32的烧录器型号	购买方式
阿莫 amo	<ul style="list-style-type: none"> K216 K202C K204 	<ul style="list-style-type: none"> https://item.taobao.com/item.htm?spm=a1z10.3-c-s.w4002-15079397431.9.15ab44feAWIKGs&id=562009991087 https://item.taobao.com/item.htm?spm=a21dvs.23580594.0.0.1d293d0dxxYrbR&ft=t&id=562328619618 https://item.taobao.com/item.htm?spm=a1z10.3-c-s.w4002-15079397431.17.15ab44feAWIKGs&id=642346862324

4. 修订记录

日期	版本	说明
2023/7/26	Rev 2.3	<ul style="list-style-type: none"> 新增MM32F5330, MM32G0140, MM32G0160, MM32G0001, MM32F5230, MM32A0160, MM32G5330等系列适配情况 新增MM32SPIN0230, MM32SPIN030C, MM32SPIN080C等SPIN系列各第三方厂家适配情况
2023/9/26	Rev 2.4	<ul style="list-style-type: none"> 新增MM32SPIN023C, MM32G0140 (G0144) 系列适配情况 更新MM32F5330, MM32G0140, MM32G0160, MM32G0001, MM32F5230, MM32A0160, MM32G5330, MM32SPIN0230, MM32SPIN030C, MM32SPIN080C等适配情况