PGT05

DWIN JTAG烧录器

DWIN JTAG Recorder

修订记录 **Record of Revision**

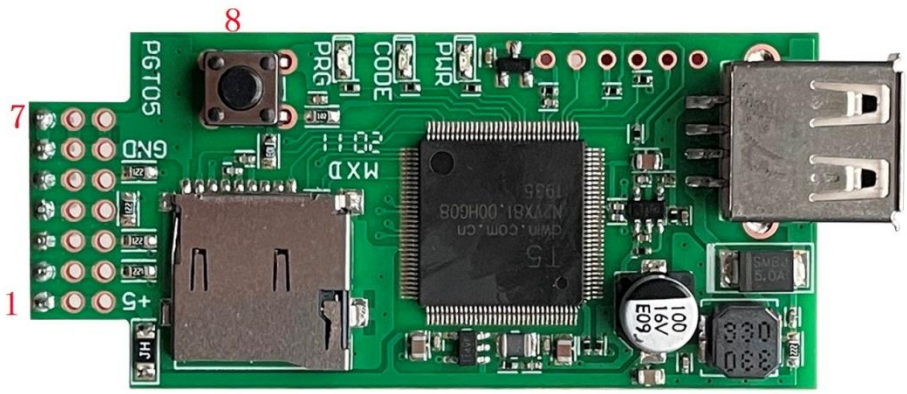
版本Ver	日期Revise Date	描述Content	编辑Editor
00	2021.01.11	首次发布First Edition	郑运佳

简介 Introduction

PGT05是一款内核烧录器，用于烧录内核文件。T5L烧录器与T5烧录器使用同一种命名，区别在于T5L烧录器多一个插针，T5烧录器为6个插针，T5L烧录器为7个插针，购买时请确认需购买的类型。

PGT05 is a kernel burner for burning kernel files. T5L burner and T5 burner use the same name. The difference is that T5 burner has 6 pins and T5L burner has 7 pins. Please confirm which model suits your demands.

接口介绍 Interface



引脚 Pin	信号名称 Signal name	类型 Type	描述 Description
1	VCC	P	电源输入/Power input
2	TMS	-	模式选择/Mode selection
3	TCK	-	时钟/Clock
4	TDI	I	数据输入/Input
5	TDO	O	数据输出/Output
6	GND	P	公共接地/GND
7	GND	P	公共接地/GND
8	-	-	烧录开始按键/Burn start button
-	PRG	-	烧录成功指示灯/Burn success indicator
-	CODE	-	烧录状态灯/Burning status light
-	RWR	-	电源指示灯/Power indicator

连接示意图 Connection diagram

使用方法 Usage

通过SD卡把内核烧录到PGT05烧录器

①将内核文件命名为T5UIC1V10.BIN，放入SD卡中的DWIN_SET文件夹中。

②插入SD卡，通过USB接口给PGT05烧录器5V供电，PWR和CODE绿色指示灯常亮，约3秒后，PRG红色指示灯常亮，此时内核烧录到烧录器。

通过PGT05烧录器把内核烧录到芯片

①取下SD卡，将PGT05烧录器插针插入迪文屏专用烧录孔。T5L有7个通孔焊孔，T5有6个通孔焊盘。（其中插针“+5V”对应迪文屏烧录口“+5V”，方孔形状）。

②通过USB接口给PGT05烧录器5V供电，PWR和CODE绿色指示灯常亮。

③按一下按钮，CODE绿色指示灯闪烁3下后常亮，约3秒后，PRG红色指示灯亮，此时内核烧录到芯片。

（建议断开液晶屏供电，避免供电电源功率不够；防止插针连接PCB板后的金属板，造成短路）

Burn the kernel to PGT05 burner through SD card

① Name the kernel file T5UIC1V10.BIN, put it into the DWIN_SET folder in the SD card.

② Insert the SD card and supply 5V power to the PGT05 burner through the USB interface. The green indicators of PWR and CODE are always on. After about 3 seconds, the red indicator of PRG is always on. At this time, the kernel is burned to the burner.

Burn the kernel to the chip through PGT05 burner

① Remove the SD card and insert the PGT05 burner pin into the special burning hole of DWIN screen. T5l has 7 through-hole pads and T5 has 6 through-hole pads. (the pin "+ 5V" corresponds to the burning port "+ 5V" of Devon screen, with square hole shape).

② Supply 5V power to PGT05 burner through USB interface, and the green indicators of PWR and code are always on.

③ Press the button once, the CODE green indicator flashes for 3 times and is always on. About 3 seconds later, the PRG red indicator is on. At this time, the core is burned to the chip.

(it is recommended to disconnect the LCD power supply to avoid insufficient power supply; prevent the pin from connecting the metal plate behind the PCB board, resulting in short circuit)

注意事项 Note

1. 未拆下屏幕，5V 供电时，导致供电不足，烧录失败，需拆下屏幕；

When the screen is not removed and 5V power is supplied, the power supply is insufficient and the burning fails. The screen needs to be removed;

2. 屏幕背部存在金属板，导致顶针短路，烧录失败，需拆下屏幕；

There is a metal plate on the back of the screen, resulting in short circuit of the thimble and burning failure. The screen needs to be removed;

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工作环境和可靠性参数 Reliability Test

参数 Item	测试条件 Conditions	最小值 Min	典型值 Typ	最大值 Max	单位 Unit
工作温度 Operating Temperature	12V 电压下，湿度 60% 60%RH at 12V voltage	-20	25	70	℃
储存温度 Storage Temperature	-	-30	25	80	℃
工作湿度 Operating Humidity	25℃	10%	60%	90%	RH

包装和物理尺寸 Packing Capacity & Dimension

尺寸 Dimension	
外形尺寸 Dimension	132.09(W) × 59.94(H) ×26.11(T) mm
净重量 Net Weight	12g

声明：产品设计改善或变更，不单独另行通知。
Disclaimer: The product design is subject to alternation and improvement without prior notice.

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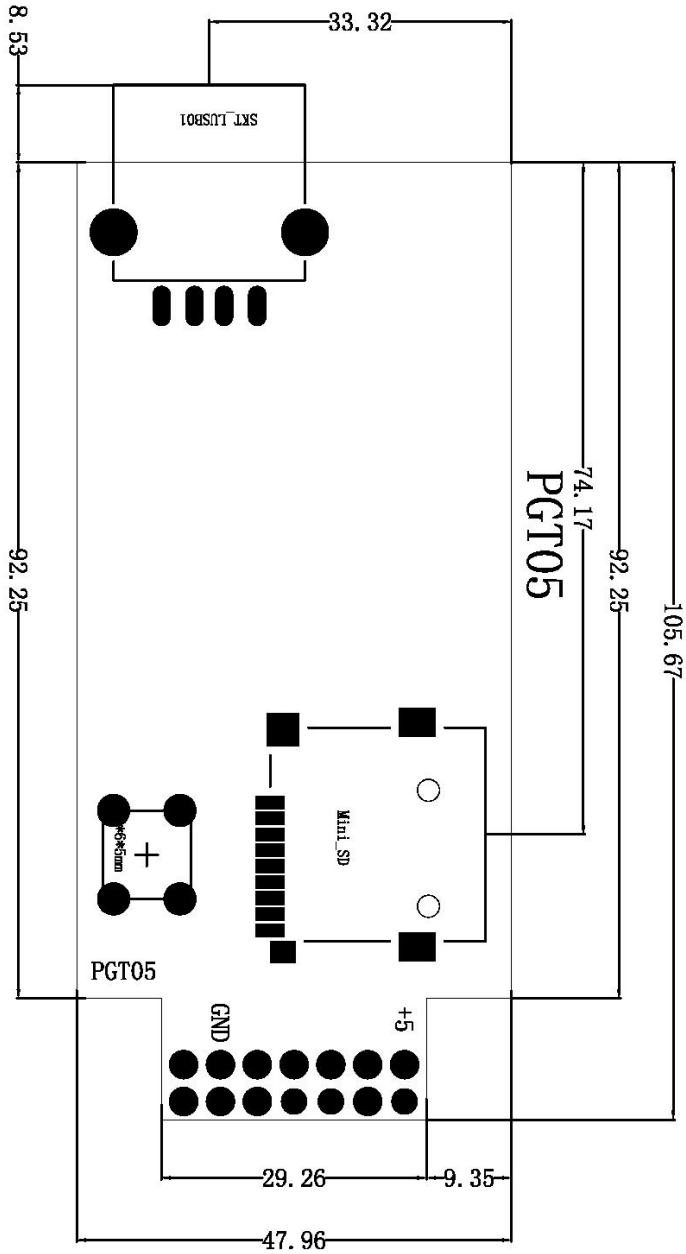

型号 Model	PGT05				
图纸 Drawing	A 4	绘制 Drawn	G.Y	日期 Date	2021.12.14
比例 Scale	1:1	审核 Review		日期 Date	
单位 Unit	MM	批准 Approval		日期 Date	

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