

## MAC RAW PASS THROUGH

## Introduction

This sample code demonstrates how to use EMAC to implement MAC RAW pass through mode in which MAC-received data are directly forwarded or processed without protocol stack intervention.

*Note: This sample code is written based on Artery's V2.x.x BSP. For other versions of BSP, users should pay attention to the differences in use.*

Applicable products:

Product series	AT32F407
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List of major peripherals used:

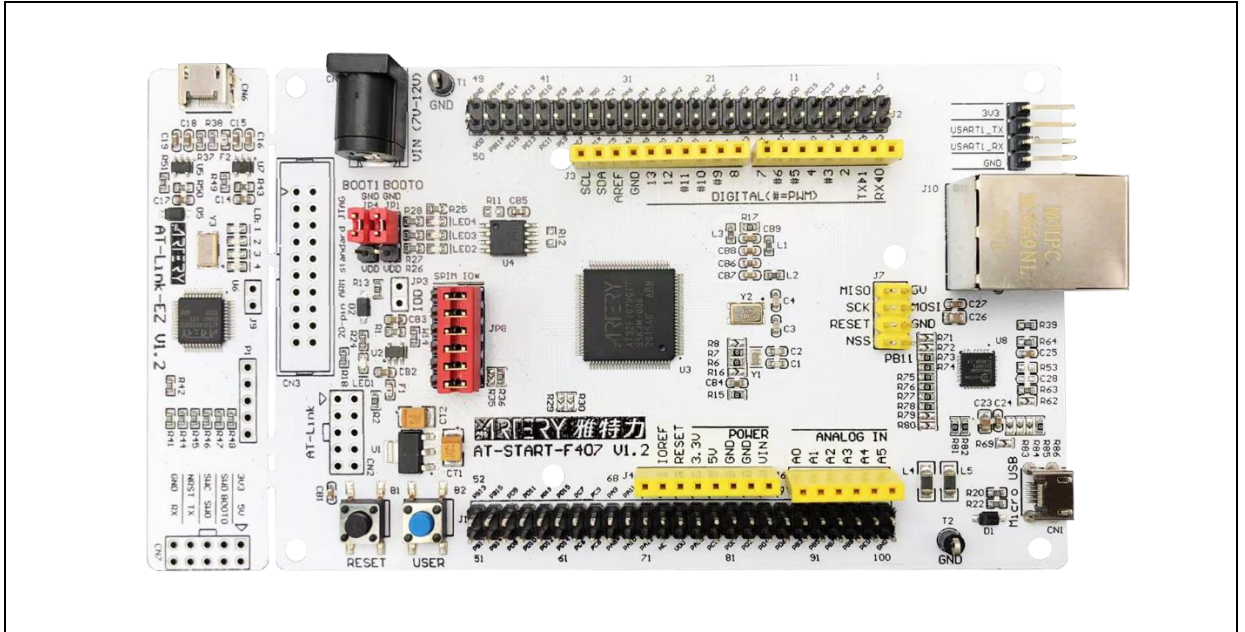
Peripherals	EMAC
	TMR

## 1 Quick start

### 1.1 Hardware resources

- 1) AT-START-F407 V1.x evaluation board, here is AT32F407 board in Figure 1

Figure 1. AT-START-F407 V1.0 evaluation board



### 1.2 Software resources

- 1) Source code includes AT32F407 demo

*Note: All of projects are built based on Keil 5. For the need to run in other compiling environments, user can make simple adjustments according to AT32xxx\_Firmware\_Library\_V2.x.x\project\at\_start\_xxx\templates.*

### 1.3 Example case

- 1) Open SourceCode\SC0114\_407\_SourceCode\_V2.0.0\utilities\emac\_raw\mdk\_v5
- 2) Compile and download source code to the board, and use two AT-START-F407 boards to connect with network interfaces, now you can see the data received through print window.

## 2 Revision history

Table 1. Document revision history

Date	Revision	Changes
2023.04.20	2.0.0	Initial release

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