

## How to find peripheral register addresses quickly?

**Questions:**

How to find a peripheral register address as quickly as possible?

**Answer:**

Check RM (reference manual) to identify the address of a peripheral register, for example, TMR1's C3DT register

```
dma_init_struct.peripheral_base_addr = (uint32_t)0x40012C3C;
```

Besides, pointer can also be used to find a peripheral register address, as shown below:

```
dma_init_struct.peripheral_base_addr = (uint32_t)&TMR1->c3dt;
```

**Type:** MCU applications

**Applicable products:** All AT32 MCUs

**Main function:** DMA

**Minor function:** None

## Document revision history

Date	Revision	Changes
2022.2.16	2.0.0	Initial release

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