

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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