

# memcpy, outbyte IP4\_ADDR

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## **memcpy**

### **Syntax**

```
void *memcpy(void *dest, const void *src, size_t n);
```

### **Purpose**

Copies  $n$  bytes from source to destination.

### **Operates On**

- CPU copies memory in RAM.
- No DMA involved.

## **outbyte**

### **Syntax**

```
void outbyte(char c);
```

### **Purpose**

Sends one character via UART.

### **Operates On**

- Writes to UART TX register

## **IP4\_ADDR**

### **Syntax**

```
IP4_ADDR(ipaddr, a, b, c, d);
```

### **Purpose**

Sets IPv4 address structure.

### **Operates On**

- Writes into ip\_addr\_t struct
- No memory allocation