## MPC5748G ethernet Demo User Guide

This demo ports LWIP and the Ethernet PHY is DP83848C. And the data rate is set 100Mbps. The demo implements the function: when PC sends message to board, the board will send the received message back to PC.

## 1. Configure MPC5748G board IP

## 2. Configure MPC5748G board port

3. Configure PC IP (Board and PC should be in the same network segment)

Internet Protocol Version 4 (TCP/IPv4) Properties	
General	
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.	
Obtain an IP address automatically	
Use the following IP address:	
IP address:	192 . 168 . 1 . 6
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192 . 168 . 1 . 1
Obtain DNS server address automatically	
Use the following DNS server addresses:	
Preferred DNS server:	
Alternate DNS server:	
Validate settings upon exit	Advanced
	OK Cancel

## 4. Configure net assistant



Test:

Connect PC with board, in the window of net assistant, send string and board will receive string and send back to pc. And in the window of net assistant, you will see the message which is sent by board.

