```c
1: #include <hidef.h>        /* common defines and macros */
2: #include <mc9s12dp512.h>      /* derivative information */
3: #pragma LINK_INFO DERIVATIVE "mc9s12dp512"
4:
5: //--------------------DAC_Init--------------------
6: // initializes DAC
7: // Input: none
8: // Output: none
9: void DAC_Init(void);
10:
11: //--------------------DAC_Out--------------------
12: // outputs 12 bits to DAC
13: // Input: none
14: // Output: none
15: void DAC_Out(unsigned short data);
16:
```