<http://docs.lpcware.com/lpcopen/v1.03/_t_o_u_c_h___sample_8c_source.html>

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

2 \* SEGGER Microcontroller GmbH & Co. KG \*

3 \* Solutions for real time microcontroller applications \*

4 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

5 \* \*

6 \* (c) 1996 - 2012 SEGGER Microcontroller GmbH & Co. KG \*

7 \* \*

8 \* Internet: www.segger.com Support: support@segger.com \*

9 \* \*

10 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

11

12 \*\* emWin V5.14 - Graphical user interface for embedded applications \*\*

13 emWin is protected by international copyright laws. Knowledge of the

14 source code may not be used to write a similar product. This file may

15 only be used in accordance with a license and should not be re-

16 distributed in any way. We appreciate your understanding and fairness.

17 ----------------------------------------------------------------------

18 File : TOUCH\_Sample.c

19 Purpose : Shows how to access a touch panel without using buttons

20 ---------------------------END-OF-HEADER------------------------------

21 \*/

22

23 #include "GUI.h"

24

25 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

26 \*

27 \* Public code

28 \*

29 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

30 \*/

31 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

32 \*

33 \* MainTask

34 \*/

[35](http://docs.lpcware.com/lpcopen/v1.03/group___e_x_a_m_p_l_e_s___e_m_w_i_n__18_x_x43_x_x___w_t_o_u_c_h.html" \l "gaec7cf19e4225041fa5e3ea90b904b775) void [MainTask](http://docs.lpcware.com/lpcopen/v1.03/group___e_x_a_m_p_l_e_s___e_m_w_i_n__18_x_x43_x_x___w_t_o_u_c_h.html#gaec7cf19e4225041fa5e3ea90b904b775)(void) {

36 GUI\_Init();

37 GUI\_CURSOR\_Show();

38 GUI\_CURSOR\_Select(&GUI\_CursorCrossL);

39 GUI\_SetBkColor(GUI\_WHITE);

40 GUI\_SetColor(GUI\_BLACK);

41 GUI\_Clear();

42 GUI\_DispStringAt("Measurement of\nDigital values",0,5);

43 while (1) {

44 GUI\_PID\_STATE TouchState;

45 GUI\_TOUCH\_GetState(&TouchState); /\* Get the touch position in pixel \*/

46 /\* Display the measurement result \*/

47 GUI\_SetColor(GUI\_BLUE);

48 GUI\_DispStringAt("\nPosition:\n",10,20);

49 GUI\_GotoY(GUI\_GetDispPosY() + 2);

50 GUI\_DispString("x:");

51 GUI\_DispDec(TouchState.x,4);

52 GUI\_DispString(", y:");

53 GUI\_DispDec(TouchState.y,4);

54 /\* Wait a while \*/

55 GUI\_Delay(100);

56 };

57 }

58

59 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of file \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/