



```
_sm_col          res 1

...

SM_PrepareCol
    ;; select next DOUT register

    ;; (current column + 1) & 0x07
    SET_BSR      sm_selected_column
    incf        sm_selected_column, W, BANKED    ; (* see note below)
    andlw      0x07
    ;_sm_col is used by LM_SetRow()
    movwf      _sm_col
    call       MIOS_HLP_GetBitANDMask    ; (inverted 1 of 8 code)

...
```

and finally in sm\_simple.h:

```
...
extern unsigned char sm_button_value;
extern unsigned char sm_col;
...
```

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