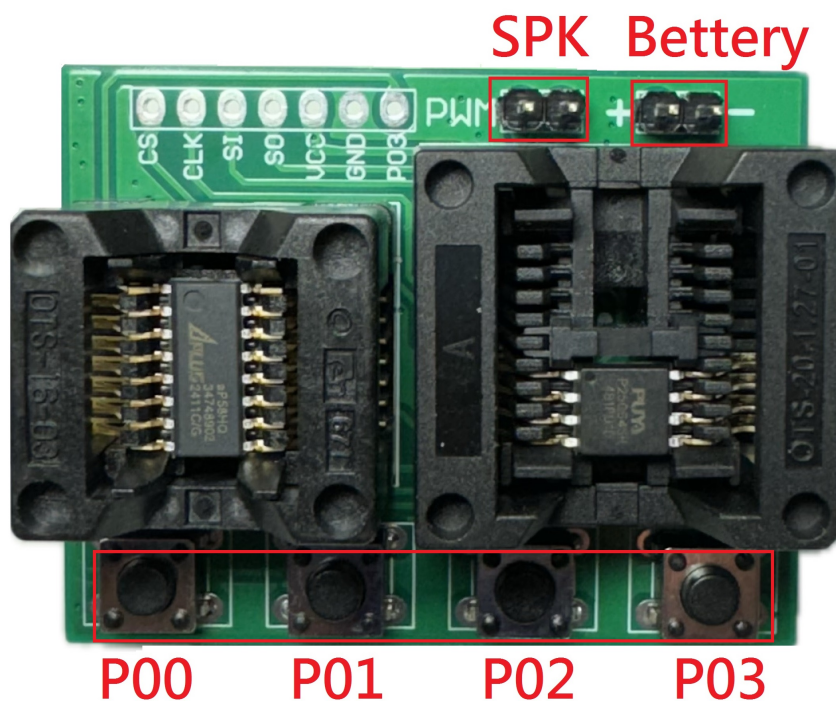
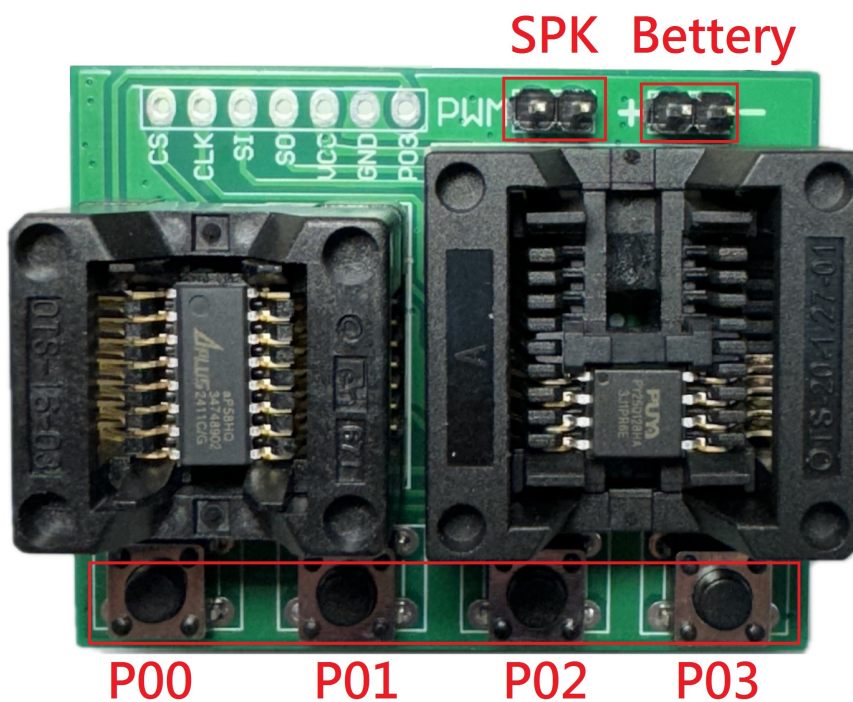


## 58QMDB User Guide



AP58Q7M (FLASH - 64M)



AP58Q8M (FLASH - 128M)

1. Part No. : 58QMDB
2. PCB size : 47mm x 37mm
3. PCB No. : 2417
4. VDD : 3V
5. PWM ONLY
6. Function :

**1).SBT mode :**

<i>P00</i>	<i>P01</i>	<i>P02</i>	<i>P03</i>
<i>SEQ/OUT</i>	<i>SEQ/OUT</i>	<i>SEQ/OUT</i>	<i>SEQ/OUT</i>

*Out : busyH , busyL , 3Hz , 6Hz , LED-dyna , stopH , stopL*

**2).Key matrix mode :**

	<i>P00</i>	<i>P01</i>	<i>P02</i>	<i>P03</i>	<i>keyN</i>
<i>4 mkey</i>	<i>Key in</i>	<i>Key in</i>	<i>out</i>	<i>Out/Reset</i>	<i>mkey1~mkey4</i>
<i>6 mkey</i>	<i>scan in</i>	<i>scan in</i>	<i>scan in</i>	<i>scan out</i>	<i>mkey1~mkey6</i>

*Out : busyH , busyL , 3Hz , 6Hz , LED-dyna , stopH , stopL*

**3).1-wire mode :**

<i>P00</i>	<i>P01</i>	<i>P02</i>	<i>P03</i>
<i>Rx</i>	<i>Out</i>	<i>Out</i>	<i>Out/Reset</i>

*Out : busyH , busyL , 3Hz , 6Hz , LED-dyna , stopH , stopL*

**4).2-wire mode :**

<i>P00</i>	<i>P01</i>	<i>P02</i>	<i>P03</i>
<i>sdata</i>	<i>sclk</i>	<i>Out</i>	<i>Out/Reset</i>

*Out : busyH , busyL , 3Hz , 6Hz , LED-dyna , stopH , stopL*

**5).3-wire mode :**

<i>P00</i>	<i>P01</i>	<i>P02</i>	<i>P03</i>
<i>sdata</i>	<i>sclk</i>	<i>Cs</i>	<i>Out/Reset</i>

*Out : busyH , busyL , 3Hz , 6Hz , LED-dyna , stopH , stopL*

## **HISTORY**

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27 June 2024

58QMDB User Guide.

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