2 Port Memory Kit – Build 1 unit

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Notes: Cathode of LED is marked on PCB with a “C”

Headers should be inserted from the bottom side and soldered on the top to enable the board to be pushed into a breadboard.

BOM for 2 Port Memory

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| --- | --- | --- |
| Part | Value | Device |
| C1 | 0.1uF | 0603\_CAP |
| C6 | 0.1uF | 0603\_CAP |
| IC1 | AT45DB642D | AT45DB642D |
| JP1 | 1x9 | PINHD-1X9 |
| JP2 | 1x9 | PINHD-1X9 |
| LED1 | Green | LEDCHIP-LED0603 |
| R1 | 10k | 0603\_RESISTOR |
| R2 | 680 | 0603\_RESISTOR |
| R3 | 10k | 0603\_RESISTOR |
| R4 | 10k | 0603\_RESISTOR |
| R6 | 10k | 0603\_RESISTOR |