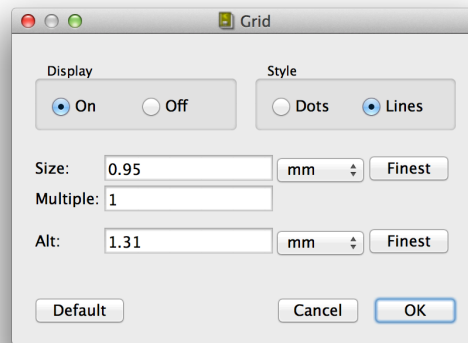
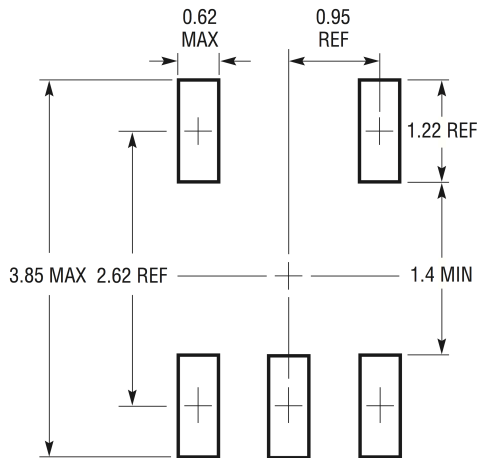


Creating a new footprint

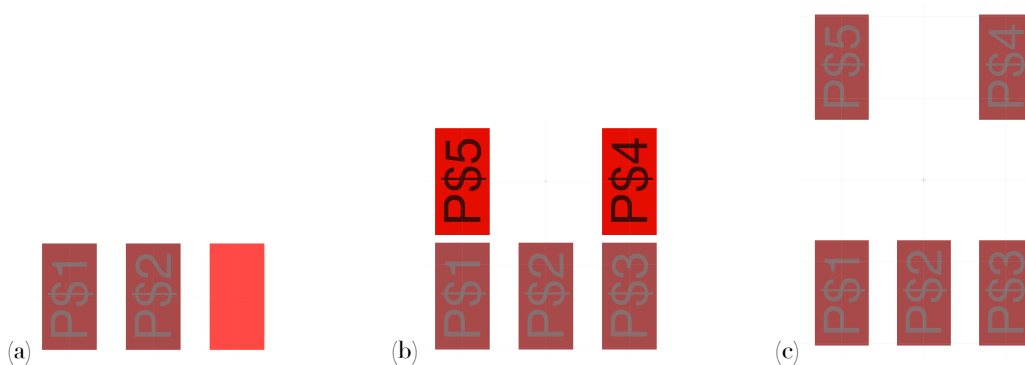
1. Click **Library > Open...** to edit your parts library, then **Library > Package...** to edit a footprint.
2. Do **GRID** command to edit spacing. Choose metric if necessary, then put in horizontal pad spacing for “Size” and vertical pad spacing for “Alt.” Use half spacing if the pads are *not* aligned to the origin. For example, use **Size: 0.95mm** and **Alt: 1.31mm** for the follow drawing of the LT1761:



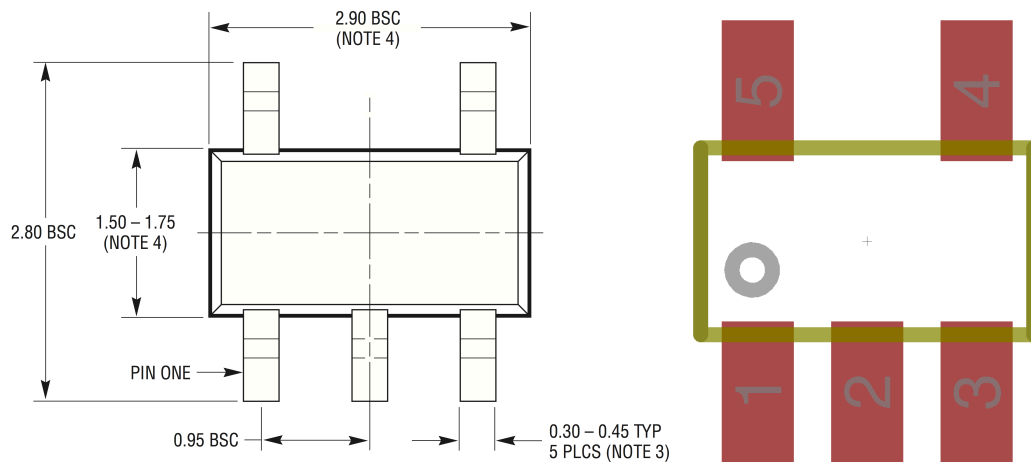
3. Do **SMD** or **PAD** command to configure pads or holes (bzw) for your components.



4. Place one row of pads/holes (a). Use the alternate grid (hold the **ALT** or **Option** key with the **MOVE** command) to move the pads down 1.31mm, then place the next row of pads (b). Then move that row up 1.31mm (c).

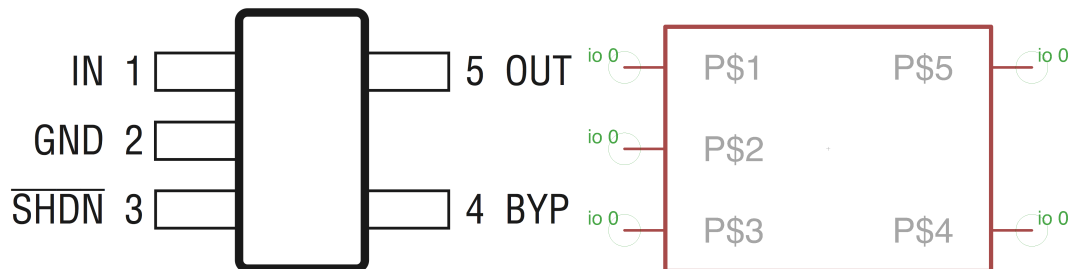


- Draw some dimension lines (**WIRE** command) on layers **tDocu** and **tPlace**. Add a first pin marker on layer **tPlace** (**CIRCLE** command). Rename pins as necessary (**NAME** command).

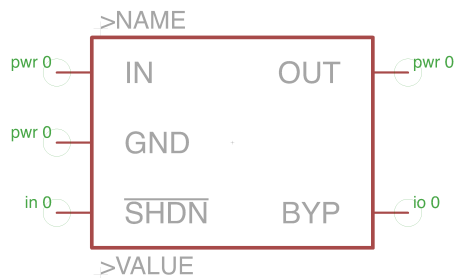


Creating a new symbol

- Click **Library** > **Symbol...** to edit a symbol.
- Draw a box (**WIRE** command) and add pins (**PIN** command) to it.



- Name the pins (**NAME** command) and alter their directions (**CHANGE DIRECTION** command), then add labels on layers **NAMES** and **VALUES** (**TEXT** command).



Your instructor

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