

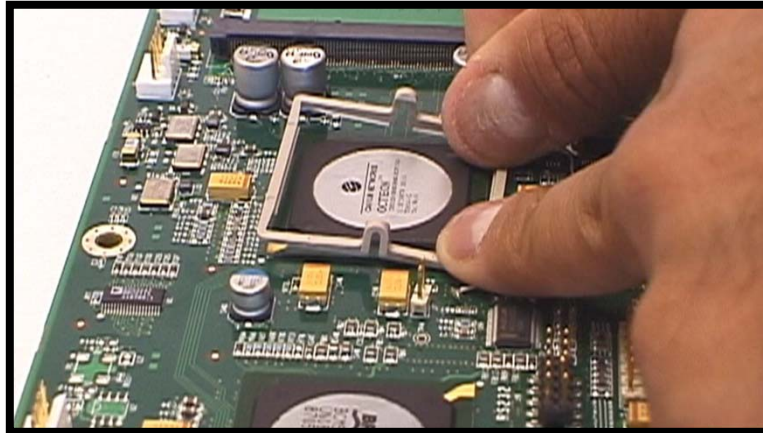
# superGRIP™ Installation & Removal

Tuesday, September 29, 2009

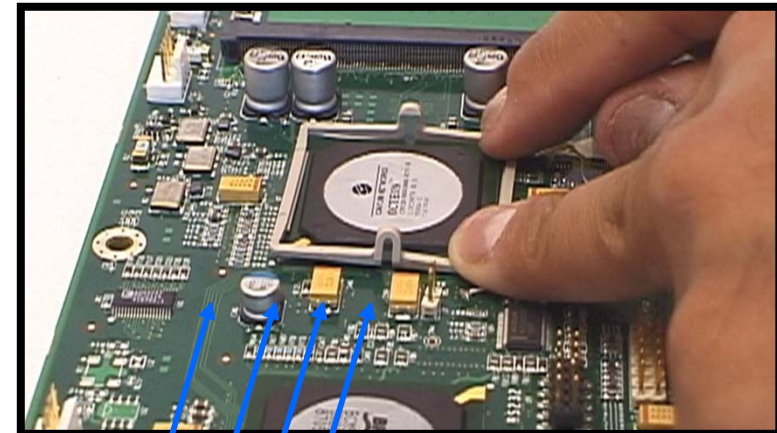


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# superGRIP Installation Guide

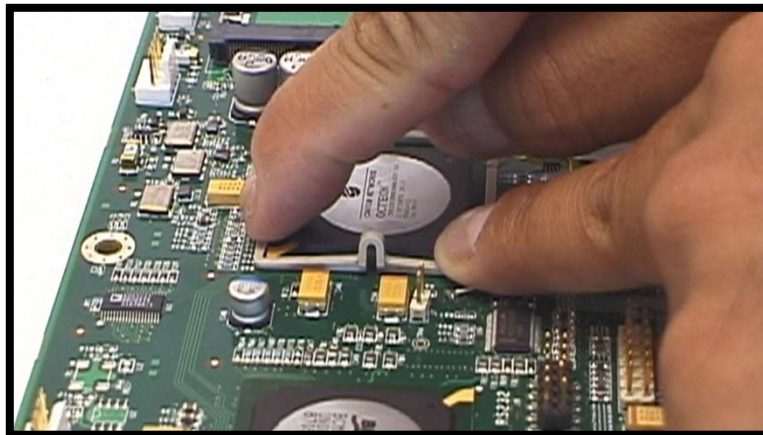


1



Air flow direction

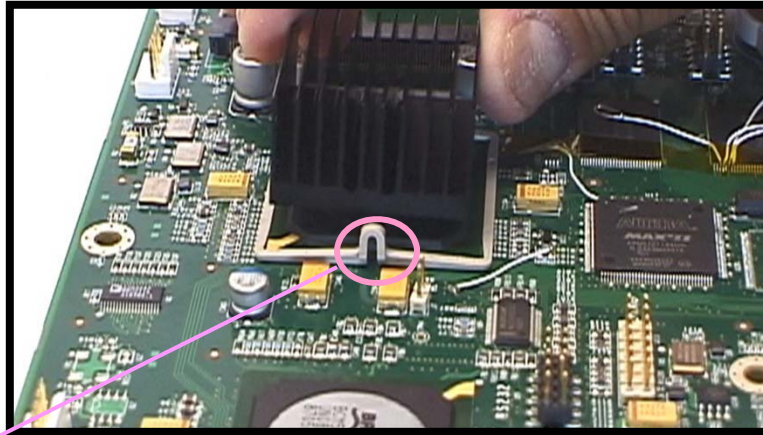
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3

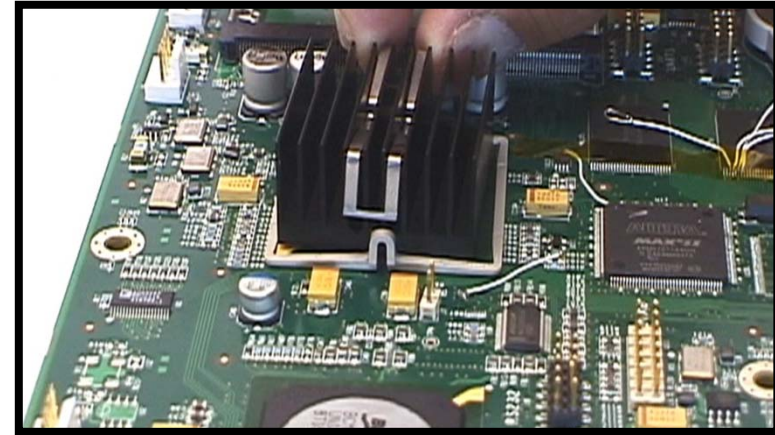
1. Place frame clip around two corners of the component.
2. The frame clip will bend slightly at the horseshoe tab. **Note the direction of air flow when placing your heat sink, the air flow must be perpendicular to the face of the horse shoe.**
3. Press the opposite end of the frame clip down until it is secure around the component's edges

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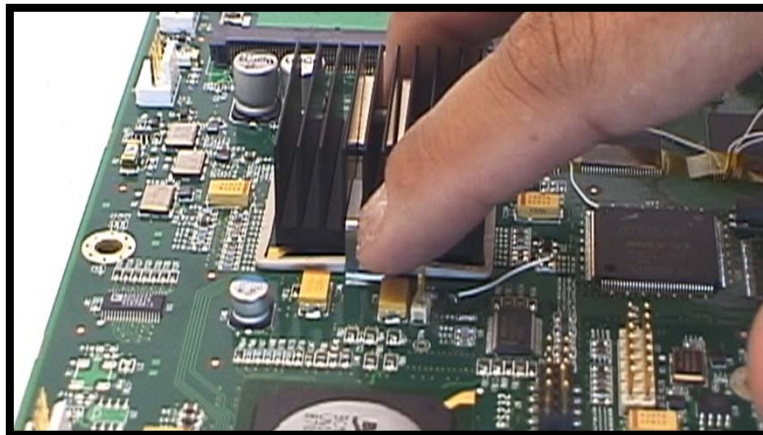


4

Horse shoe tab



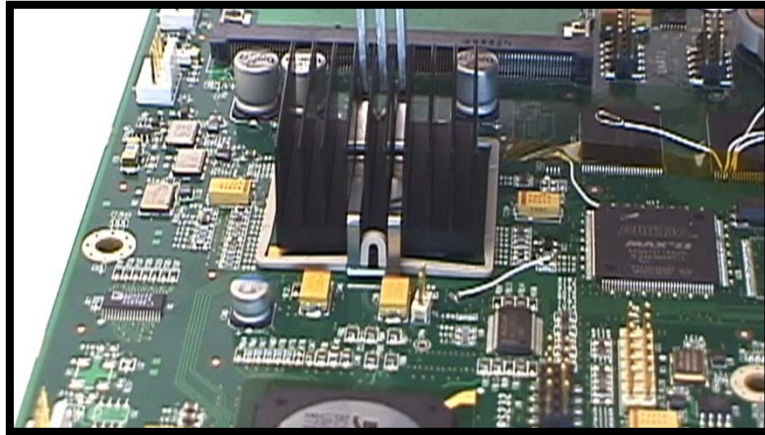
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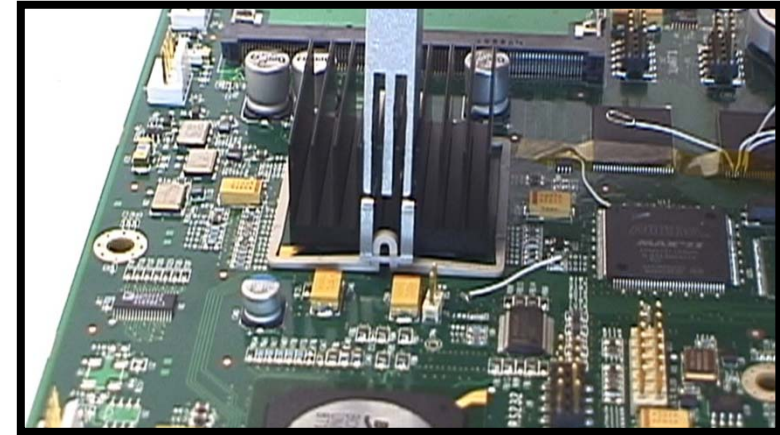
6

4. Place the heat sink into the installed frame clip – centered relative to the horseshoe tabs.
5. Place the spring clip within the heat sink's fin field as shown - centered.
6. Position one end of the spring clip over the frame clip so that it fits snugly under the lip of the horseshoe tab.

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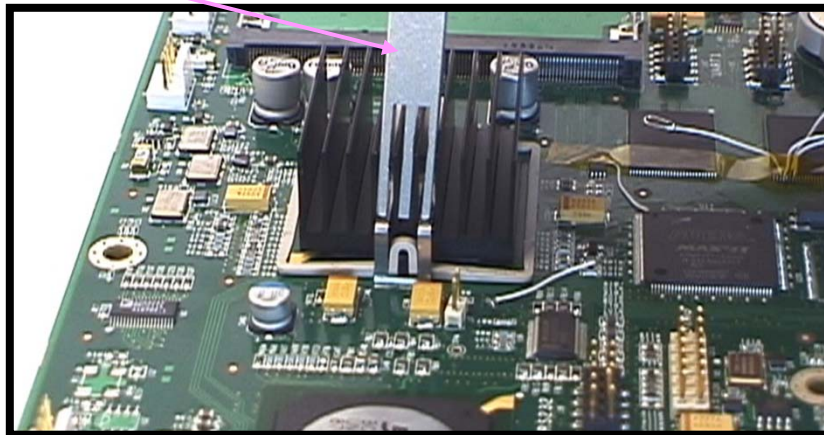


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8

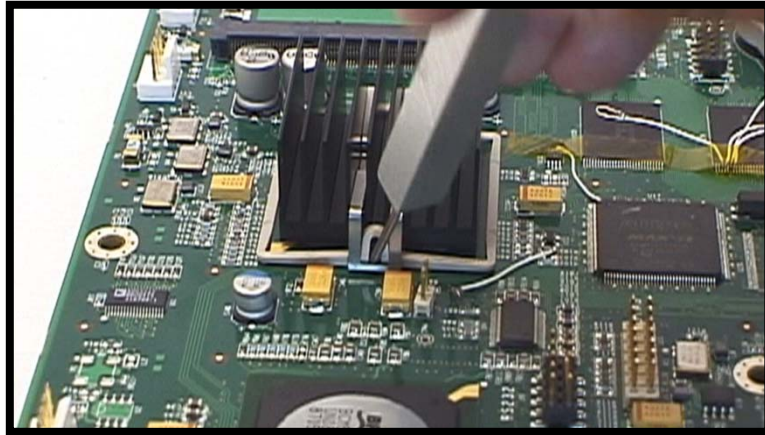
Frame/Spring  
Clip Installation  
Tool



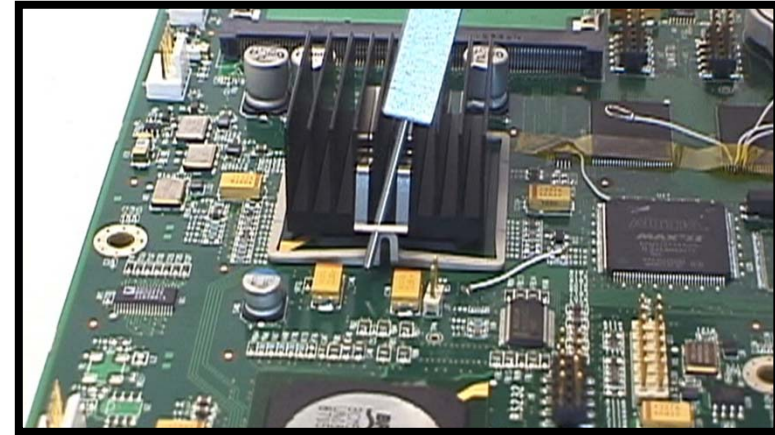
9

7. Position the forked end of the frame clip tool within the heat sink's fin field until it touches the spring clip.
8. Same as number 7 from the opposite view.
9. Push the opposite end of the spring clip down over the frame clip with the forked end of the spring clip installation tool until the spring clip fits snugly under the lip of the horseshoe tab. If necessary, retain opposing end in place with finger during install.

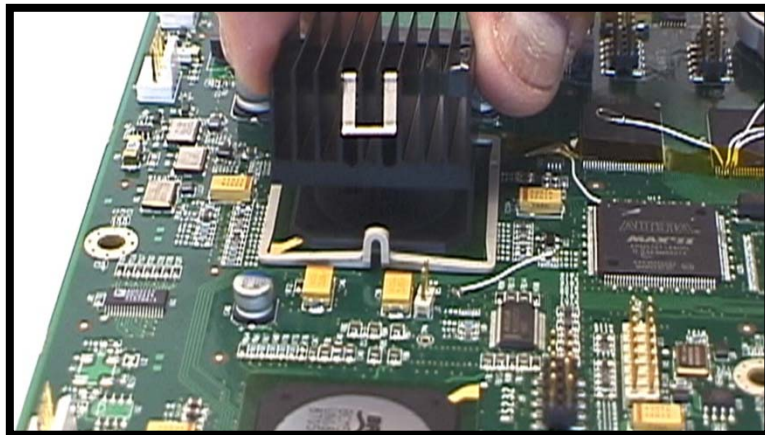
# superGRIP Removal Guide



**1**



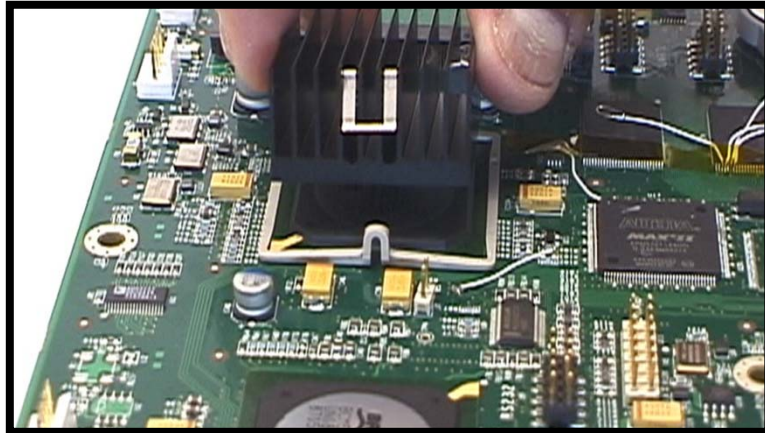
**2**



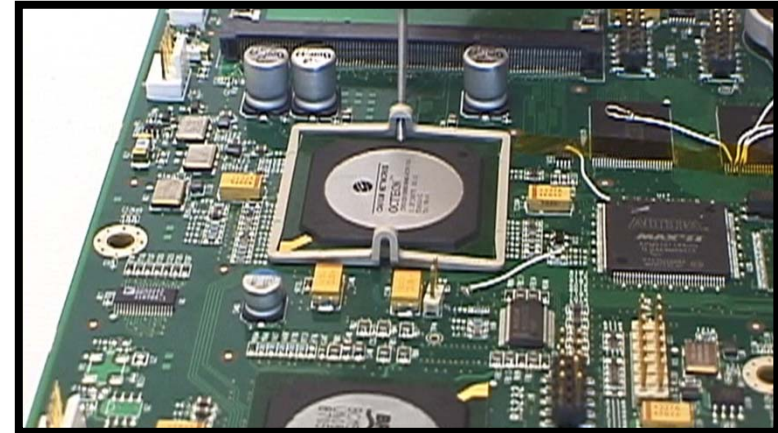
**3**

1. To remove the spring clip, place the wire end of the spring clip installation/removal tool in the center of the horseshoe tab, in between the frame clip and spring clip.
2. While pressing slightly downward - gently pry the spring clip away from the frame clip.
3. Lift the heat sink and spring clip away from the component

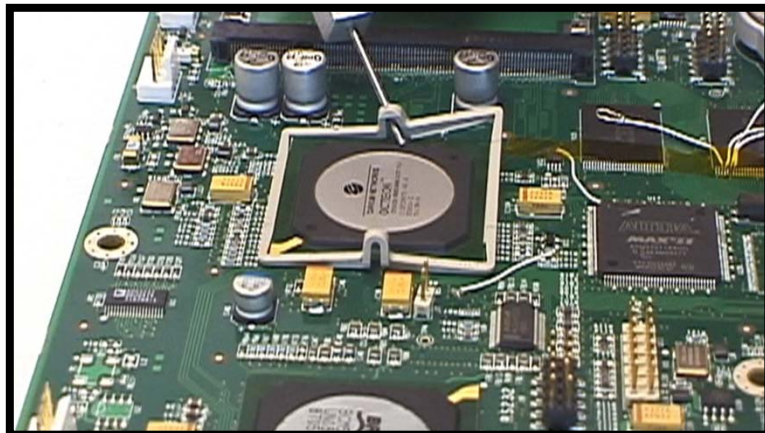
# superGRIP Removal Guide



4



5



6

4. Make sure the heat sink and spring clip are clear from the component.
5. Place the wire end of the spring clip installation/removal tool within the horseshoe tab, as shown above.
6. Gently twist the frame clip in either direction, to pull it away from the component. If necessary, hold and lift frame clip to complete removal.