

Relationship between I_{CC} and Temperature of H8/520

The following information depicts the relationship between I_{CC} and temperature on the J version of HD6475208 devices. The curve is plotted with I_{CC} versus V_{CC} on each graph, the solid line represents I_{CC} in normal operation (I_{CCOP}), whereas the dotted line represents in sleep mode (I_{CCSLP}). As shown in the graphs, the I_{CCOP} increases with increased V_{CC} and frequency, but decreases with increased temperature. However, within a fixed frequency, I_{CCSLP} does not seem to vary with the change in the V_{CC} and temperature. Please also note that these are the characterization data for reference only, and by no means should they be served as guaranteed value.

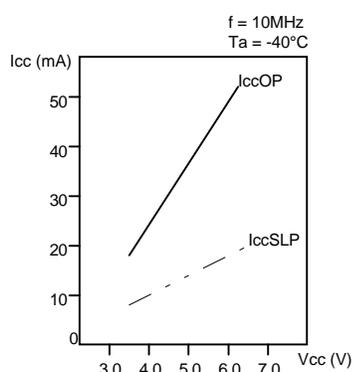


Fig. a

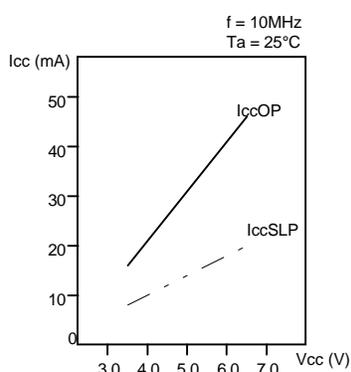


Fig. b

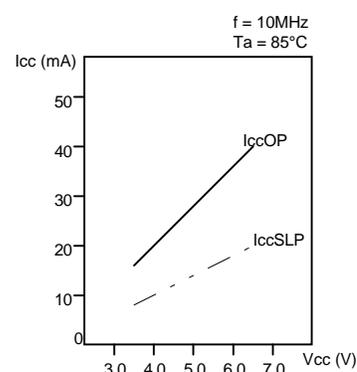


Fig. c

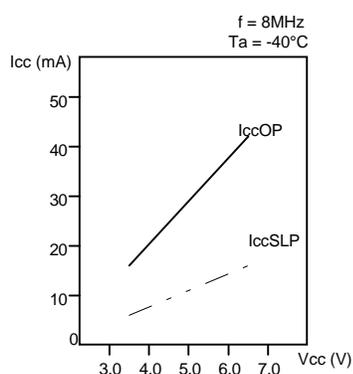


Fig. d

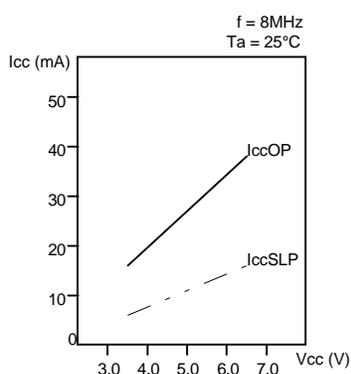


Fig. e

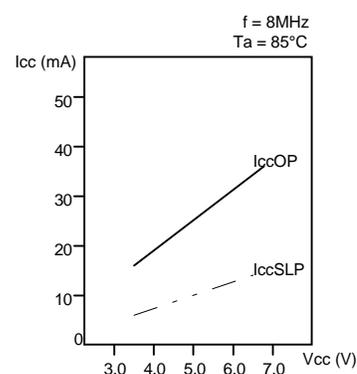


Fig. f

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