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| Texas Instruments, Internal Web [Semiconductors](http://www.ti.com/sc/docs/schome.htm)[Standard Linear & Logic](http://www.sh.sc.ti.com/)[Assembly and Packaging](http://www.shvp.sc.ti.com/pkg/SLLP/sllp_index.html)[Search](http://search.ti.com/)[Feedback](mailto:j-pfeifle@ti.com,ezuniga@ti.com?subject=Web%20Feedback)[TI Home](http://www.ti.com/) [http://www.shvp.sc.ti.com/pkg/image/slltdb.gif](http://www.shvp.sc.ti.com/pkg/thermal/tdbwelcome.html) |
| **Thermal Database - Package Selection Results**  The following results are based upon your selections of **Choose From Below** and **SLL**. [New Search](http://www1.sh.sc.ti.com/pkg/thermal/tdbselect_external.html)   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Package** | **Die Size (mils)** | **Pad Size (mils)** | **Low or High K** | **Data Source** | **Tja** | | | | **Pjt** | | | | **Tjc** | **Tjp** | **Tjb** | **Derating Curve** | **Update** | | **0 LFM** | **150 LFM** | **250 LFM** | **500 LFM** | **0 LFM** | **150 LFM** | **250 LFM** | **500 LFM** | | 14PW | 48 x 53 | 71 x 71 | High | Model | 112.6 | 105.6 | 102.3 | 97.0 | 2.40 | 4.00 | 4.60 | 5.60 | 46.6 |  | 72.7 | Top of Form    Bottom of Form  [Plot](javascript:document.FORM2.submit()) | [Update](http://www1.sh.sc.ti.com/cgi-bin/pkg/thermal?EXEC=UPDATE&PKGID=81&F_GROUP=SLL&F_PKGTYPE=Choose%20From%20Below&F_K=High) | | 16PW | 62 x 62 | 104 x 104 | High | Actual | 108.4 | 102.3 | 99.9 | 95.9 | 1.10 | 2.40 | 2.90 | 3.70 | 33.6 |  |  | Top of Form    Bottom of Form  [Plot](javascript:document.FORM1.submit()) | [Update](http://www1.sh.sc.ti.com/cgi-bin/pkg/thermal?EXEC=UPDATE&PKGID=82&F_GROUP=SLL&F_PKGTYPE=Choose%20From%20Below&F_K=High) | | 20PW | 53 x 69 | 102 x 106 | High | Model | 83.0 | 77.9 | 75.4 | 71.4 | 1.00 | 2.20 | 2.60 | 3.40 | 32.3 |  |  | Top of Form    Bottom of Form  [Plot](javascript:document.FORM6.submit()) | [Update](http://www1.sh.sc.ti.com/cgi-bin/pkg/thermal?EXEC=UPDATE&PKGID=83&F_GROUP=SLL&F_PKGTYPE=Choose%20From%20Below&F_K=High) | | 24PW | 62 x 62 | 94 x 140 | High | Actual | 87.9 | 82.4 | 80.4 | 77.4 | 0.60 | 1.70 | 2.00 | 2.70 | 25.7 |  |  | Top of Form    Bottom of Form  [Plot](javascript:document.FORM3.submit()) | [Update](http://www1.sh.sc.ti.com/cgi-bin/pkg/thermal?EXEC=UPDATE&PKGID=84&F_GROUP=SLL&F_PKGTYPE=Choose%20From%20Below&F_K=High) | | 28PW | 78 x 137 | 110 x 198 | High | Model | 61.7 | 55.1 | 52.7 | 49.2 |  |  |  |  | 16.4 |  |  | Top of Form    Bottom of Form  [Plot](javascript:document.FORM5.submit()) | [Update](http://www1.sh.sc.ti.com/cgi-bin/pkg/thermal?EXEC=UPDATE&PKGID=85&F_GROUP=SLL&F_PKGTYPE=Choose%20From%20Below&F_K=High) | | 8PW | 62 x 62 | 67 x 79 | High | Actual | 149.4 | 142.0 | 138.2 | 132.4 | 7.60 | 10.00 | 10.90 | 12.40 | 65.1 |  |  | Top of Form    Bottom of Form  [Plot](javascript:document.FORM4.submit()) | [Update](http://www1.sh.sc.ti.com/cgi-bin/pkg/thermal?EXEC=UPDATE&PKGID=80&F_GROUP=SLL&F_PKGTYPE=Choose%20From%20Below&F_K=High) | |

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| Contacts: SLL - [Frank Mortan](http://www.shvp.sc.ti.com/pkg/people/fmj2/fmj2.html), MSP - [Mark Peterson](http://www1.itg.ti.com/msp_packaging/docs/members/mark_peterson.htm) | Viewed February 7, 3912 [©](http://www.ti.com/corp/docs/copyrght.htm) |