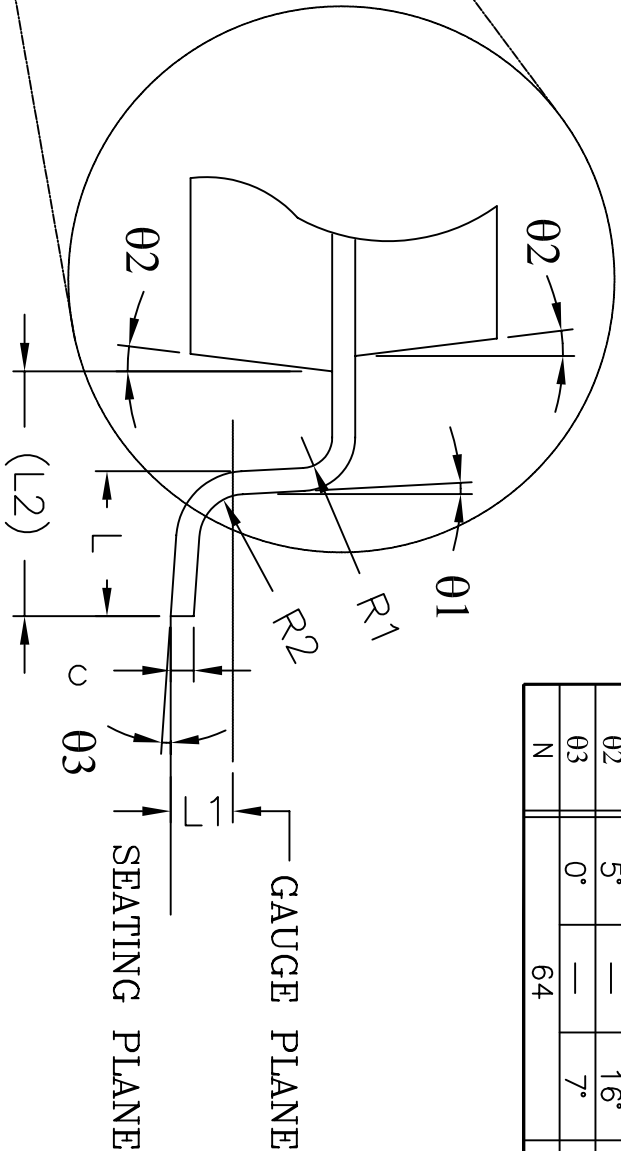
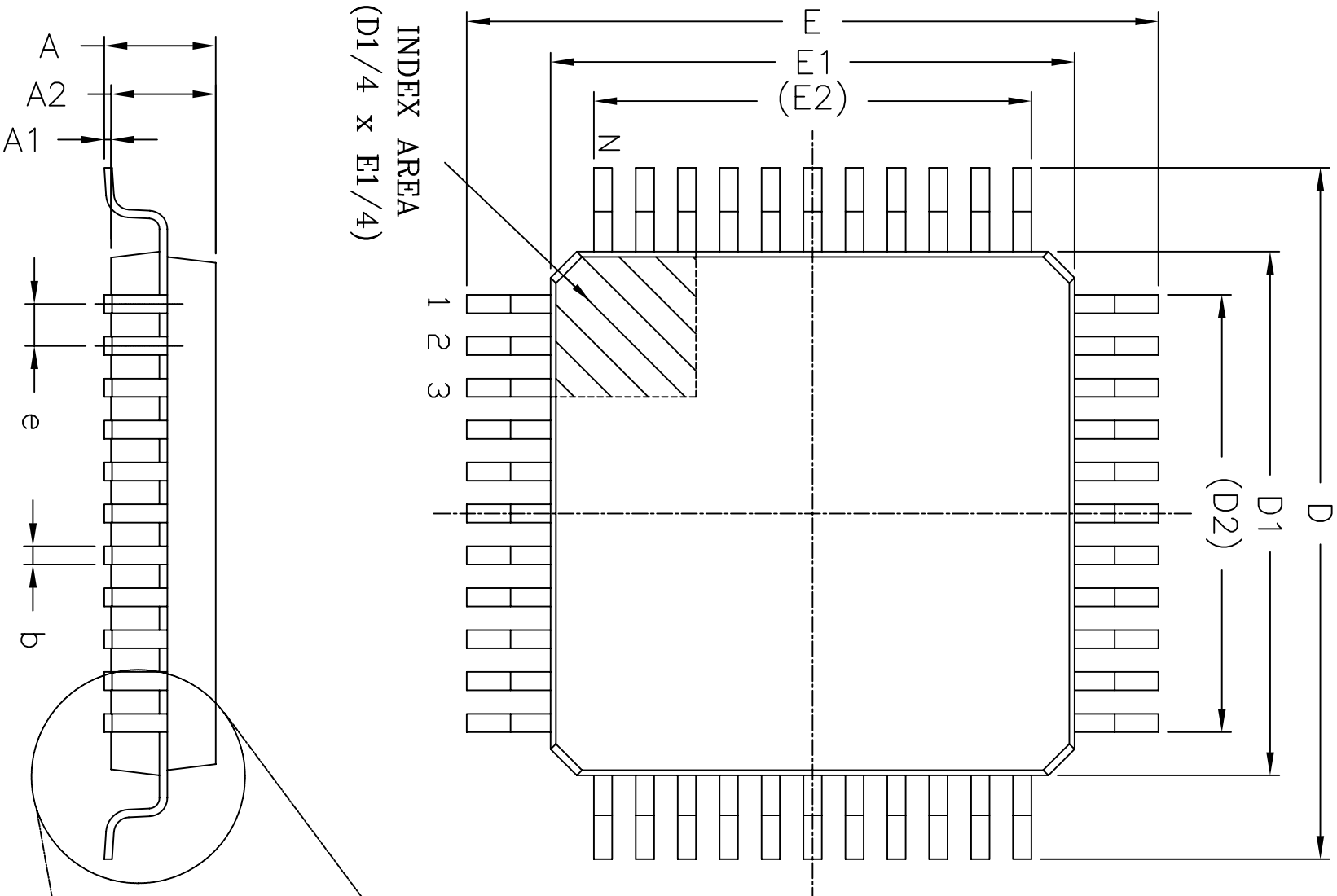



| REVISION HISTORY | | | | |
|------------------|--------------------------------------|----------|-------|--|
| REV. | DISCRIPTION | DATE | APP'D | |
| A | DRAWING ORIGIN | 05/03/06 | JL | |
| B | CHANGE DRAWING LOGO AND COMPANY NAME | 11/28/07 | JL | |

| 64 Pin MQFP JEDEC MS-022 Variation BE | | | | | | |
|---------------------------------------|------------------------------------|------|------|--|-------|-------|
| SYMBOLS | DIMENSIONS IN MM (Control Unit) | | | DIMENSIONS IN INCH (Reference Unit) | | |
| | MIN | NOM | MAX | MIN | NOM | MAX |
| A | — | — | 3.15 | — | — | 0.124 |
| A1 | 0.00 | — | 0.25 | 0.000 | — | 0.010 |
| A2 | 2.50 | 2.70 | 2.90 | 0.098 | 0.106 | 0.114 |
| b | 0.29 | — | 0.45 | 0.011 | — | 0.018 |
| c | 0.11 | — | 0.23 | 0.004 | — | 0.009 |
| D | 17.20 BSC | | | 0.677 BSC | | |
| D1 | 14.00 BSC | | | 0.551 BSC | | |
| D2 | 12.00 REF | | | 0.472 REF | | |
| E | 17.20 BSC | | | 0.677 BSC | | |
| E1 | 14.00 BSC | | | 0.551 BSC | | |
| E2 | 12.00 REF | | | 0.472 REF | | |
| e | 0.80 BSC | | | 0.031 BSC | | |
| L | 0.73 | 0.88 | 1.03 | 0.029 | 0.035 | 0.041 |
| L1 | 0.25 BSC | | | 0.010 BSC | | |
| L2 | 1.60 REF | | | 0.063 REF | | |
| R1 | 0.13 | — | — | 0.005 | — | — |
| R2 | 0.13 | — | 0.30 | 0.005 | — | 0.012 |
| θ1 | 0° | — | — | 0° | — | — |
| θ2 | 5° | — | 16° | 5° | — | 16° |
| θ3 | 0° | — | 7° | 0° | — | 7° |
| N | 64 | | | 64 | | |



| | | | | |
|---|--|-----------------------------|--|--|
|  | | EXAR CORPORATION | | |
| Packaging Approval: | | 64 PIN MQFP PACKAGE OUTLINE | | |
| By: JL | | Drawing No: 64-PIN MQFP | | |
| Date: 11/28/07 | | Revision: B Sheet: 1 OF 1 | | |