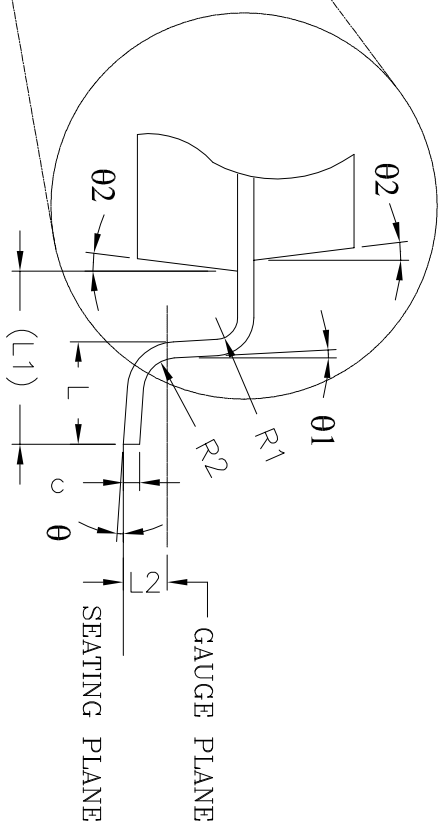
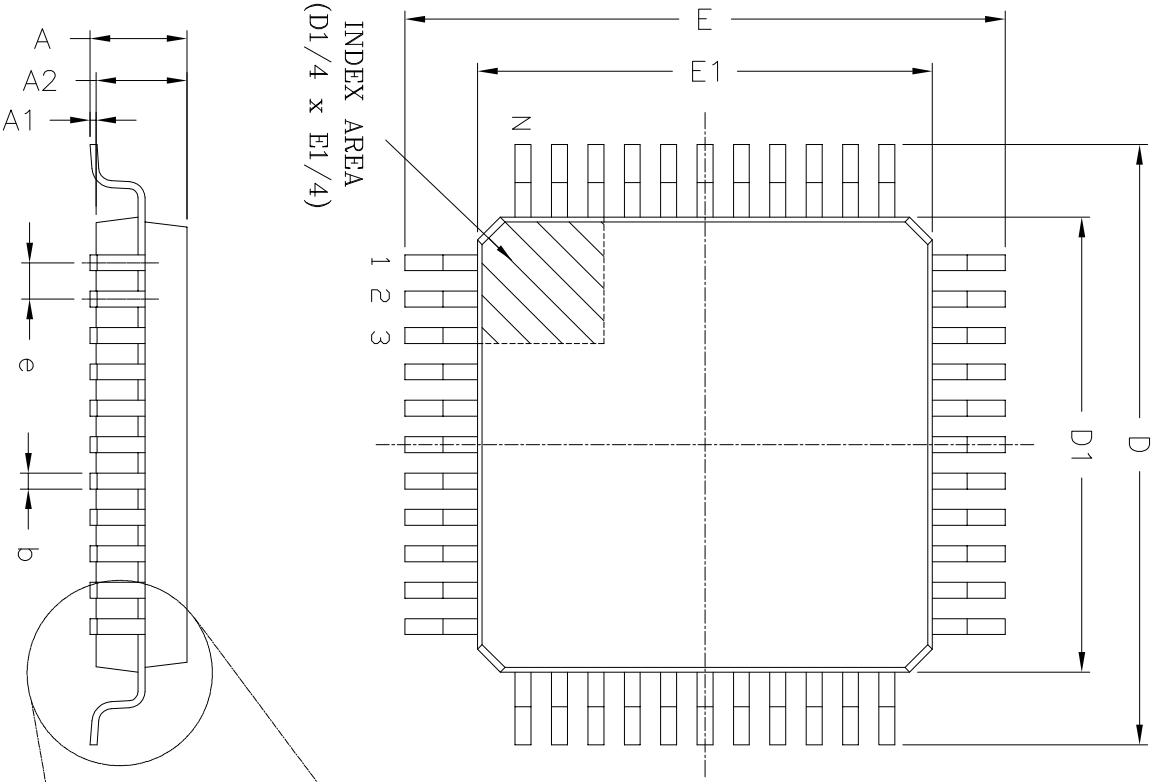


| REVISION HISTORY | | | |
|------------------|---------------------|----------|-------|
| REV. | DISCRIPTION | DATE | APP'D |
| A | DRAWING ORIGINATION | 10/06/11 | PC |



EXAR CORPORATION

10 X 10 mm MQFP PACKAGE OUTLINE


Packaging Approval: _____ Drawing No: 10 X 10 mm MQFP

By: PC Date: 10/06/11 Revision: A Sheet: 1 OF 2

| REVISION HISTORY | | | |
|------------------|---------------------|----------|-------|
| REV. | DISCRIPTION | DATE | APP'D |
| A | DRAWING ORIGINATION | 04/15/10 | PC |

| FOOT PRINT | | 3.20mm | | | | | | 3.90mm | | | | | |
|----------------------|-----------|--------|------|-----|-----------|------|------|--------|-----------|------|------|-----|-----------|
| LEAD COUNT | | 52L | | | 64L | | | 44L | | | 52L | | |
| SYMBOL | TOLERANCE | MIN | NOM | MAX | MIN | NOM | MAX | MIN | NOM | MAX | MIN | NOM | MAX |
| A | — | — | 2.50 | — | — | 2.50 | — | — | 2.50 | — | — | — | 2.50 |
| A1 | 0.25 | — | 0.50 | — | 0.25 | — | 0.50 | — | 0.25 | — | — | — | — |
| A2 | 1.95 | 2.00 | 2.10 | — | 1.95 | 2.00 | 2.10 | — | 1.95 | 2.00 | 2.10 | — | — |
| b | 0.28 | 0.33 | 0.38 | — | 0.17 | 0.22 | 0.27 | — | 0.30 | 0.35 | 0.45 | — | 0.38 |
| c | — | — | 0.17 | — | — | — | 0.17 | — | — | — | 0.23 | — | 0.23 |
| D | 13.20 BSC | — | — | — | 13.20 BSC | — | — | — | 13.90 BSC | — | — | — | 13.90 BSC |
| D1 | 10.00 BSC | — | — | — | 10.00 BSC | — | — | — | 10.00 BSC | — | — | — | 10.00 BSC |
| E | 13.20 BSC | — | — | — | 13.20 BSC | — | — | — | 13.90 BSC | — | — | — | 13.90 BSC |
| E1 | 10.00 BSC | — | — | — | 10.00 BSC | — | — | — | 10.00 BSC | — | — | — | 10.00 BSC |
| e | 0.65 BSC | — | — | — | 0.50 BSC | — | — | — | 0.80 BSC | — | — | — | 0.65 BSC |
| L | 0.73 | 0.88 | 1.03 | — | 0.73 | 0.88 | 1.03 | — | 0.73 | 0.88 | 1.03 | — | 0.73 |
| L1 | 1.60 REF | — | — | — | 1.60 REF | — | — | — | 1.95 REF | — | — | — | 1.95 REF |
| L2 | 0.25 BSC | — | — | — | 0.25 BSC | — | — | — | 0.25 BSC | — | — | — | 0.25 BSC |
| R1 | 0.13 | — | — | — | 0.13 | — | — | — | 0.13 | — | — | — | 0.13 |
| R2 | 0.08 | — | 0.20 | — | 0.08 | — | 0.20 | — | 0.13 | — | 0.30 | — | 0.30 |
| θ | 0° | — | 7° | — | 0° | — | 7° | — | 0° | — | 3.5° | — | 3.5° |
| θ1 | 0° | — | — | — | 0° | — | — | — | 0° | — | — | — | — |
| θ2 | 11° | 12° | 13° | — | 11° | 12° | 13° | — | 5° | 12° | 16° | — | 16° |
| N | 52 | — | — | — | 64 | — | — | — | 44 | — | — | — | 52 |
| JEDEC REF DRAWING | MS-022 | — | — | — | MS-029 | — | — | — | MS-112 | — | — | — | MS-112 |
| VARIATION DESIGNATOR | N/A | — | — | — | N/A | — | — | — | AA-1 | — | — | — | AC-1 |

NOTES: All dimensions in mm.

| | | | |
|---|----------------|---------------------------------|---------------|
|  | | EXAR CORPORATION | |
| | | 10 X 10 mm MQFP PACKAGE OUTLINE | |
| Packaging Approval: | | Drawing No: 10 X10 MM MQFP | |
| By: PC | Date: 04/15/10 | Revision: A | Sheet: 2 OF 2 |