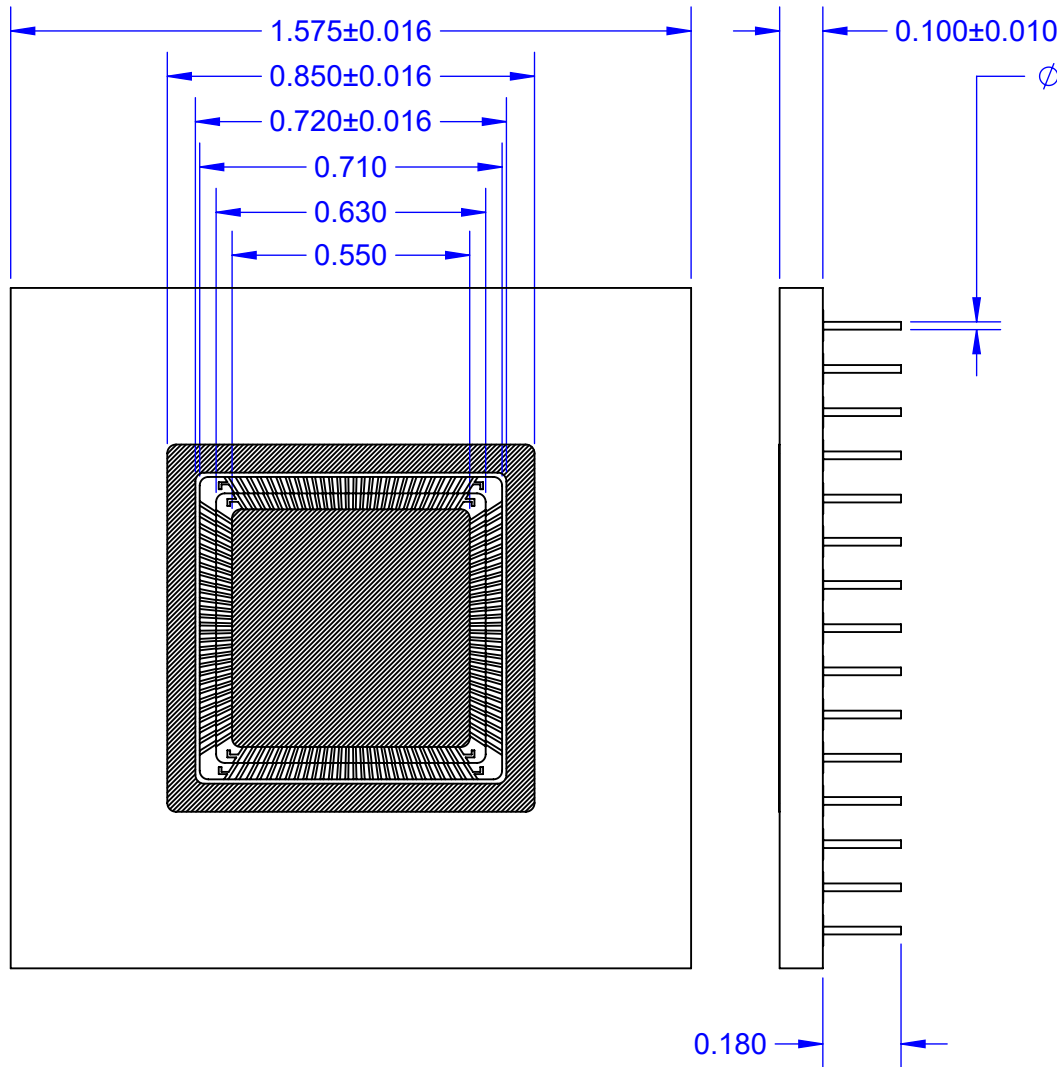
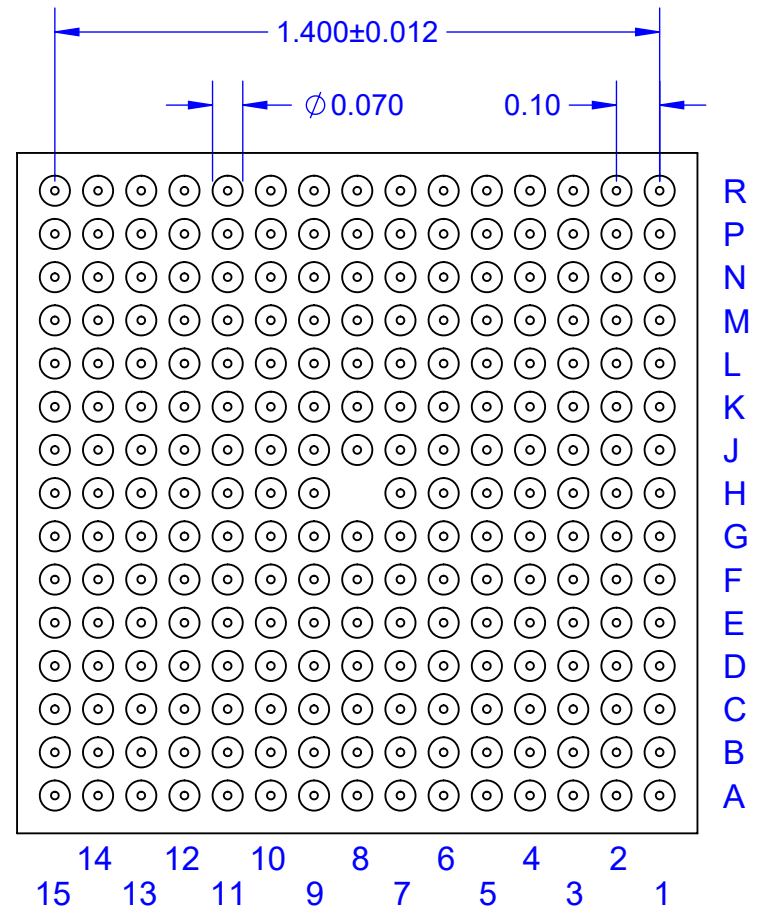


## TOP VIEW



## BOTTOM VIEW

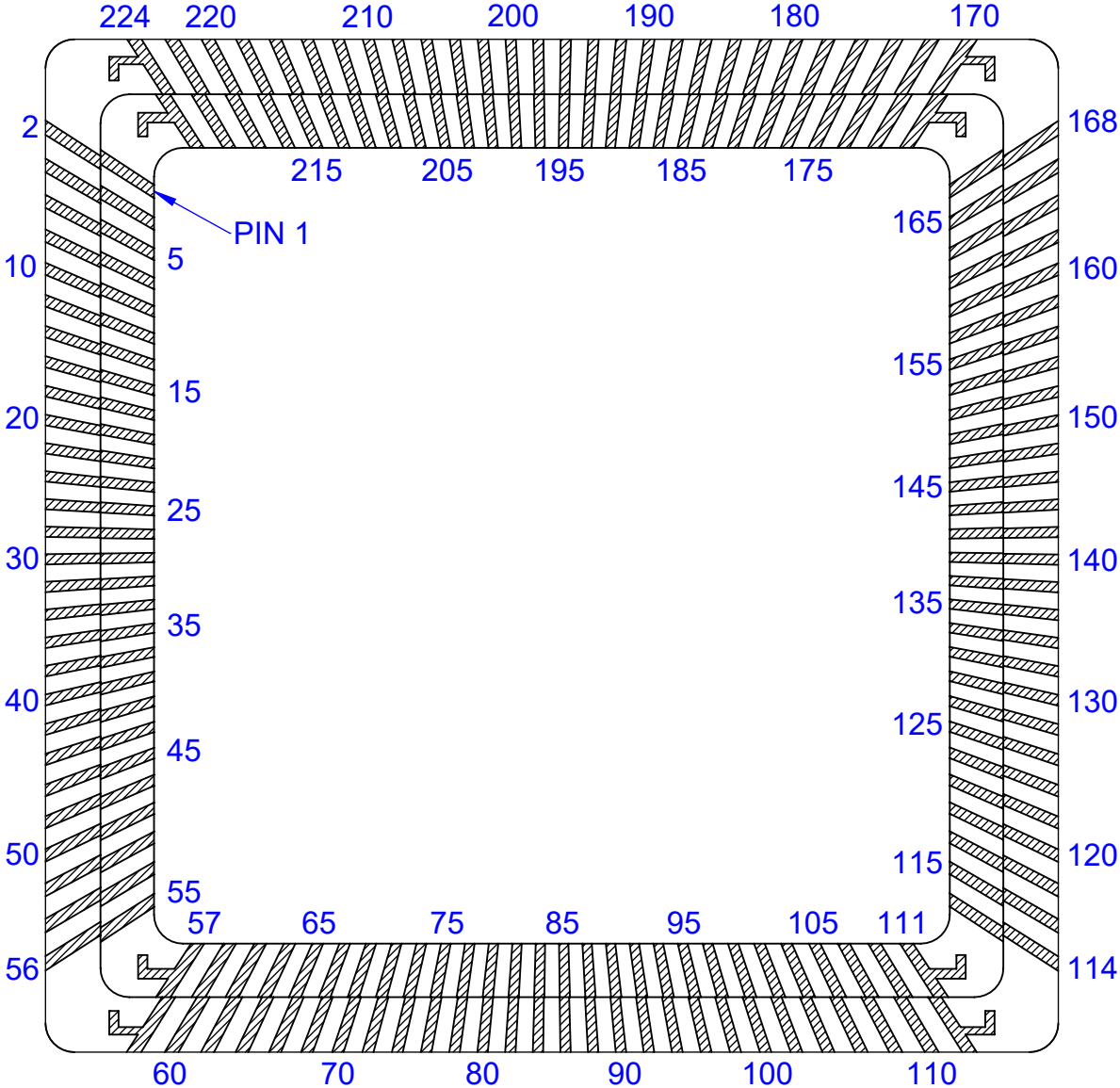


Notes: (Unless Otherwise Specified).

- 1) DIMENSIONS IN inches.
- 2) ALL EXPOSED METAL AND METALLIZED AREA SHALL BE GOLD PLATED 60 MICRO INCH MIN. THK. OVER NICKEL PLATED.
- 3) SEAL AREA AND DIE ATTACH AREA SHALL BE ISOLATED. EXCEPT LEAD 27 ATTACHED TO DIE PAD.

|             |          |                                                                                       |        |                    |              |
|-------------|----------|---------------------------------------------------------------------------------------|--------|--------------------|--------------|
| APPROVALS   | DATE     |  |        |                    |              |
| DRAWN T. Au | 10/15/15 |                                                                                       |        |                    |              |
| ENG M. Hart | 10/15/15 | TITLE CPGA224T15x15-N550<br>CERAMIC PIN GRID ARRAY                                    |        |                    |              |
| MFG         |          |                                                                                       |        |                    |              |
| QA          |          | SCALE 2.5:1                                                                           | SIZE A | DRAWING NO. 224550 | REV A        |
| CUST        |          |                                                                                       |        |                    |              |
| REVISED     |          | DO NOT SCALE DRAWING                                                                  |        |                    | SHEET 1 OF 4 |

BOND PAD



**TopLine®**

TITLE CPGA224T15x15-N550  
CERAMIC PIN GRID ARRAY

|              |           |                       |          |
|--------------|-----------|-----------------------|----------|
| SCALE<br>8:1 | SIZE<br>A | DRAWING NO.<br>224550 | REV<br>A |
|--------------|-----------|-----------------------|----------|

DO NOT SCALE DRAWING SHEET 2 OF 4

# BOND PAD NET LIST

| BOND | PIN NO. | BOND | PIN NO. | BOND | PIN NO. | BOND | PIN NO. | BOND | PIN NO. | BOND | PIN NO. | BOND | PIN NO. | BOND | PIN NO. |
|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|
| 1    | A15     | 26   | G9      | 51   | D7      | 76   | D4      | 101  | M2      | 126  | P7      | 151  | P10     | 176  | N14     |
| 2    | A14     | 27   | C9      | 52   | D6      | 77   | E4      | 102  | N2      | 127  | Q8      | 152  | P11     | 177  | M14     |
| 3    | A13     | 28   | D9      | 53   | D5      | 78   | F4      | 103  | J3      | 128  | P8      | 153  | L7      | 178  | L14     |
| 4    | A12     | 29   | C8      | 54   | E7      | 79   | E5      | 104  | K3      | 129  | N4      | 154  | K7      | 179  | K14     |
| 5    | A11     | 30   | D8      | 55   | E6      | 80   | F5      | 105  | L3      | 130  | N5      | 155  | L8      | 180  | N13     |
| 6    | A10     | 31   | G8      | 56   | F7      | 81   | F6      | 106  | M3      | 131  | N6      | 156  | K8      | 181  | J15     |
| 7    | B14     | 32   | A7      | 57   | A1      | 82   | G7      | 107  | J4      | 132  | M4      | 157  | P12     | 182  | J14     |
| 8    | B13     | 33   | A6      | 58   | B1      | 83   | G3      | 108  | K4      | 133  | M5      | 158  | P13     | 183  | H15     |
| 9    | B12     | 34   | A5      | 59   | C1      | 84   | G4      | 109  | L4      | 134  | M6      | 159  | N9      | 184  | H14     |
| 10   | B11     | 35   | A4      | 60   | D1      | 85   | H3      | 110  | J5      | 135  | L5      | 160  | N10     | 185  | M13     |
| 11   | B10     | 36   | A3      | 61   | E1      | 86   | H4      | 111  | K5      | 136  | L6      | 161  | N11     | 186  | L13     |
| 12   | C13     | 37   | A2      | 62   | F1      | 87   | H7      | 112  | J6      | 137  | K6      | 162  | N12     | 187  | K13     |
| 13   | A9      | 38   | B7      | 63   | B2      | 88   | J1      | 113  | Q1      | 138  | J7      | 163  | M9      | 188  | M12     |
| 14   | B9      | 39   | B6      | 64   | C2      | 89   | K1      | 114  | Q2      | 139  | N7      | 164  | M10     | 189  | L12     |
| 15   | A8      | 40   | B5      | 65   | D2      | 90   | L1      | 115  | Q3      | 140  | M7      | 165  | M11     | 190  | K12     |
| 16   | B8      | 41   | E9      | 66   | E2      | 91   | M1      | 116  | Q4      | 141  | N8      | 166  | L9      | 191  | L11     |
| 17   | C12     | 42   | F9      | 67   | F2      | 92   | N1      | 117  | Q5      | 142  | M8      | 167  | L10     | 192  | K11     |
| 18   | C11     | 43   | E8      | 68   | C3      | 93   | P1      | 118  | Q6      | 143  | J8      | 168  | K9      | 193  | K10     |
| 19   | C10     | 44   | F8      | 69   | G1      | 94   | J2      | 119  | P2      | 144  | Q9      | 169  | Q15     | 194  | J9      |
| 20   | D12     | 45   | B4      | 70   | G2      | 95   | K2      | 120  | P3      | 145  | Q10     | 170  | P15     | 195  | J13     |
| 21   | D11     | 46   | B3      | 71   | H1      | 96   | L2      | 121  | P4      | 146  | Q11     | 171  | N15     | 196  | J12     |
| 22   | D10     | 47   | C7      | 72   | H2      | 97   | G5      | 122  | P5      | 147  | Q12     | 172  | M15     | 197  | H13     |
| 23   | E11     | 48   | C6      | 73   | D3      | 98   | G6      | 123  | P6      | 148  | Q13     | 173  | L15     | 198  | H12     |
| 24   | E10     | 49   | C5      | 74   | E3      | 99   | H5      | 124  | N3      | 149  | Q14     | 174  | K15     | 199  | H9      |
| 25   | F10     | 50   | C4      | 75   | F3      | 100  | H6      | 125  | Q7      | 150  | P9      | 175  | P14     | 200  | G15     |



TITLE CPGA224T15x15-N550  
CERAMIC PIN GRID ARRAY

|               |           |                       |          |
|---------------|-----------|-----------------------|----------|
| SCALE<br>NONE | SIZE<br>A | DRAWING NO.<br>224550 | REV<br>A |
|---------------|-----------|-----------------------|----------|

DO NOT SCALE DRAWING

SHEET 3 OF 4

# **BOND PAD NET LIST (CONTINUED)**

| BOND | PIN NO. |
|------|---------|
| 201  | F15     |
| 202  | E15     |
| 203  | D15     |
| 204  | C15     |
| 205  | B15     |
| 206  | G14     |
| 207  | F14     |
| 208  | E14     |
| 209  | J11     |
| 210  | J10     |
| 211  | H11     |
| 212  | H10     |
| 213  | D14     |
| 214  | C14     |
| 215  | G13     |
| 216  | F13     |
| 217  | E13     |
| 218  | D13     |
| 219  | G12     |
| 220  | F12     |
| 221  | E12     |
| 222  | G11     |
| 223  | F11     |
| 224  | G10     |



|                                                              |                  |                              |                 |
|--------------------------------------------------------------|------------------|------------------------------|-----------------|
| <b>TITLE</b><br>CPGA224T15x15-N550<br>CERAMIC PIN GRID ARRAY |                  |                              |                 |
| <b>SCALE</b><br>NONE                                         | <b>SIZE</b><br>A | <b>DRAWING NO.</b><br>224550 | <b>REV</b><br>A |
| DO NOT SCALE DRAWING                                         |                  | SHEET 4 OF 4                 |                 |