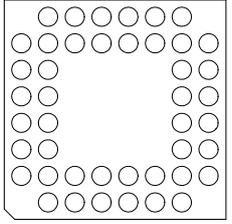
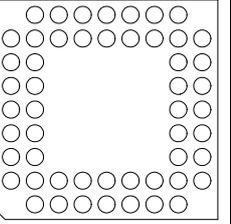
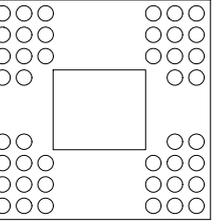
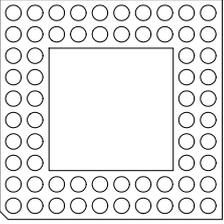
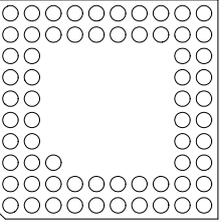
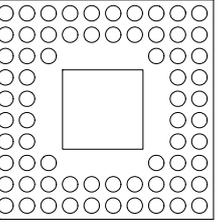
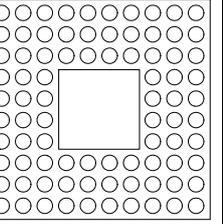
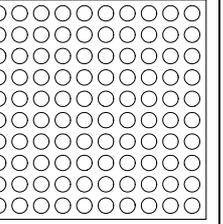
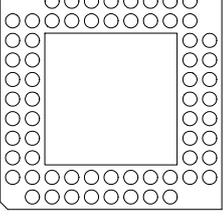
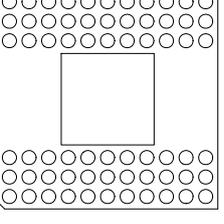
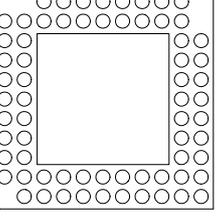
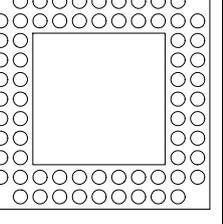
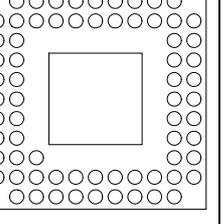
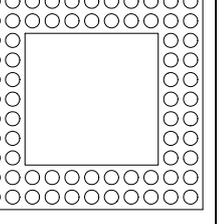
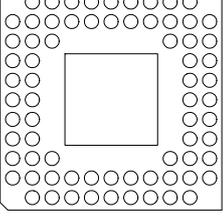
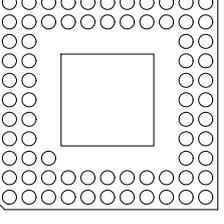
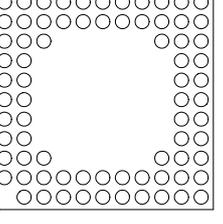
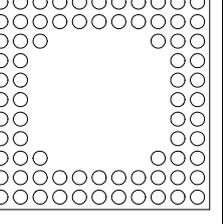
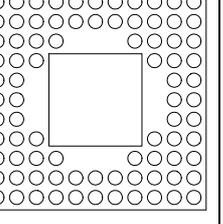
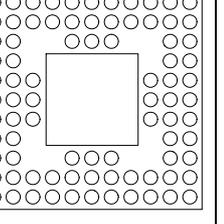
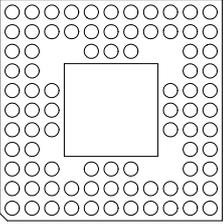
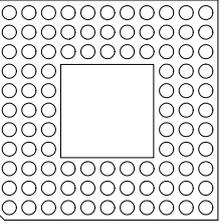
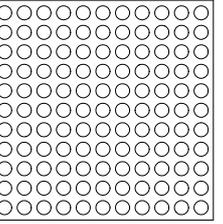
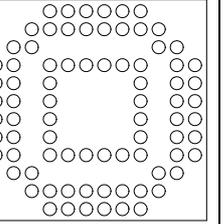
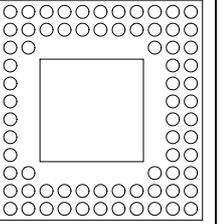


PGA Series - Pin Grid Array Sockets



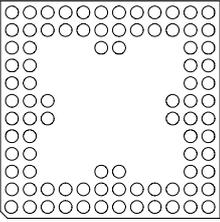
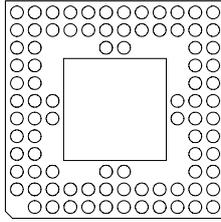
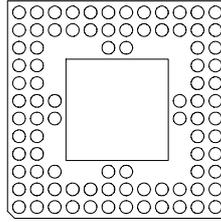
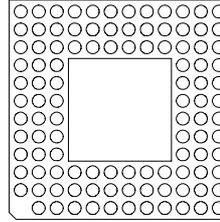
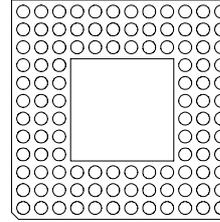
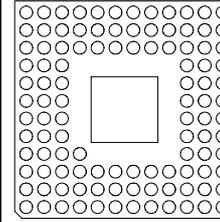
Footprints

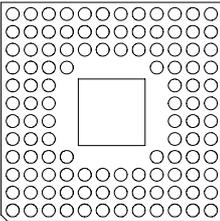
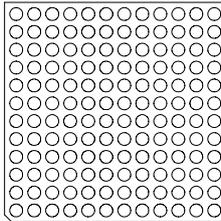
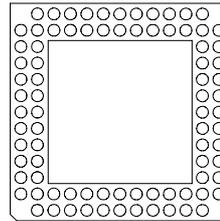
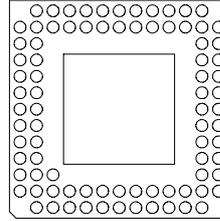
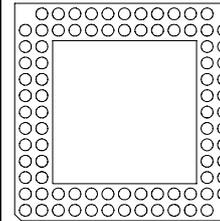
Top View

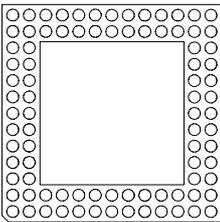
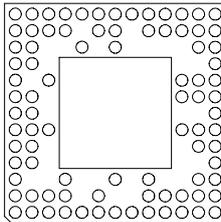
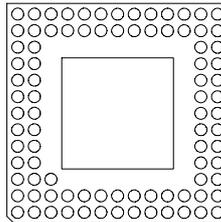
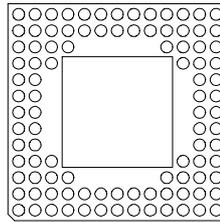
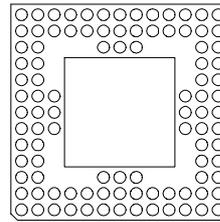
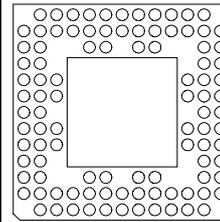
| | | | | | |
|---|--|---|---|--|--|
| <p>up to 7 x 7</p> <p><i>For any grid sizes up to 7 x 7, please send the required footprint to your closest sales office</i></p> | <p>8 x 8</p>  <p>44 pins (closed) grid/config code: 08B</p> | <p>8 x 8</p> <p><i>For any other 8 x 8 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>9 x 9</p>  <p>52 pins (closed) grid/config code: 09B</p> | <p>9 x 9</p> <p><i>For any other 9 x 9 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>10 x 10</p>  <p>44 pins (open) grid/config code: 10D</p> |
| <p>10 x 10</p>  <p>64 pins (open) grid/config code: 10B</p> | <p>10 x 10</p>  <p>65 pins (closed) grid/config code: 10C</p> | <p>10 x 10</p>  <p>68 pins (open) grid/config code: 10D</p> | <p>10 x 10</p>  <p>84 pins (open) grid/config code: 10H</p> | <p>10 x 10</p>  <p>100 pins (closed) grid/config code: 10Z</p> | <p>10 x 10</p> <p><i>For any other 10 x 10 grid sizes, please send the required footprint to your closest sales office.</i></p> |
| <p>11 x 11</p>  <p>65 pins (open) grid/config code: 11B</p> | <p>11 x 11</p>  <p>66 pins (open) grid/config code: 11B</p> | <p>11 x 11</p>  <p>67 pins (open) grid/config code: 11B</p> | <p>11 x 11</p>  <p>68 pins (open) grid/config code: 11C</p> | <p>11 x 11</p>  <p>69 pins (open) grid/config code: 11B</p> | <p>11 x 11</p>  <p>72 pins (open) grid/config code: 11C</p> |
| <p>11 x 11</p>  <p>72 pins (open) grid/config code: 11E</p> | <p>11 x 11</p>  <p>73 pins (open) grid/config code: 11E</p> | <p>11 x 11</p>  <p>75 pins (closed) grid/config code: 11A</p> | <p>11 x 11</p>  <p>76 pins (closed) grid/config code: 11A</p> | <p>11 x 11</p>  <p>84 pins (open) grid/config code: 11B</p> | <p>11 x 11</p>  <p>84 pins (open) grid/config code: 11F</p> |
| <p>11 x 11</p>  <p>85 pins (open) grid/config code: 11B</p> | <p>11 x 11</p>  <p>96 pins (open) grid/config code: 11C</p> | <p>11 x 11</p>  <p>121 pins (closed) grid/config code: 11Z</p> | <p>11 x 11</p> <p><i>For any other 11 x 11 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>12 x 12</p>  <p>80 pins (closed) grid/config code: 12A</p> | <p>12 x 12</p>  <p>84 pins (open) grid/config code: 12G</p> |

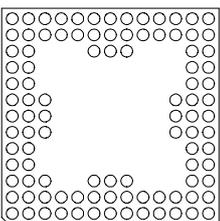
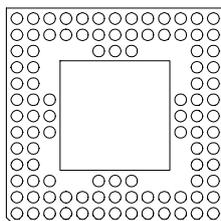
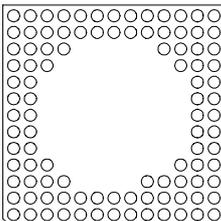
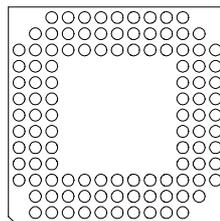
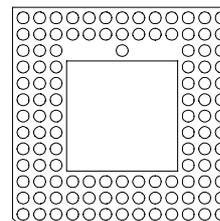
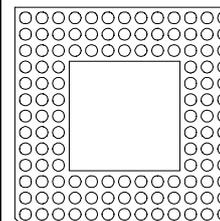
Footprints

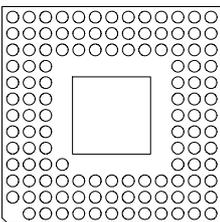
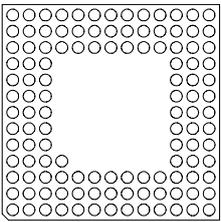
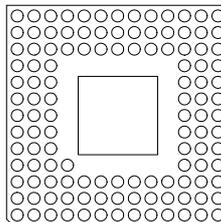
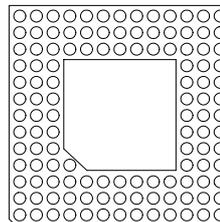
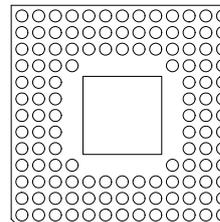
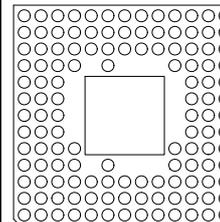
Top View

| | | | | | |
|---|--|--|--|---|---|
| <p>12 x 12</p>  <p>88 pins (closed) grid/config code: 12A</p> | <p>12 x 12</p>  <p>88 pins (open) grid/config code: 12F</p> | <p>12 x 12</p>  <p>89 pins (open) grid/config code: 12D</p> | <p>12 x 12</p>  <p>107 pins (open) grid/config code: 12A</p> | <p>12 x 12</p>  <p>108 pins (open) grid/config code: 12A</p> | <p>12 x 12</p>  <p>109 pins (open) grid/config code: 12C</p> |
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| <p>12 x 12</p>  <p>112 pins (open) grid/config code: 12C</p> | <p>12 x 12</p>  <p>144 pins (closed) grid/config code: 12Z</p> | <p>12 x 12</p> <p><i>For any other 12 x 12 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>13 x 13</p>  <p>84 pins (open) grid/config code: 13J</p> | <p>13 x 13</p>  <p>85 pins (open) grid/config code: 13C</p> | <p>13 x 13</p>  <p>85 pins (open) grid/config code: 13F</p> |
|--|---|---|---|--|--|

| | | | | | |
|---|--|--|--|---|---|
| <p>13 x 13</p>  <p>88 pins (open) grid/config code: 13B</p> | <p>13 x 13</p>  <p>88 pins (open) grid/config code: 13G</p> | <p>13 x 13</p>  <p>89 pins (open) grid/config code: 13C</p> | <p>13 x 13</p>  <p>100 pins (open) grid/config code: 13C</p> | <p>13 x 13</p>  <p>100 pins (open) grid/config code: 13F</p> | <p>13 x 13</p>  <p>100 pins (open) grid/config code: 13G</p> |
|---|--|--|--|---|---|

| | | | | | |
|--|---|---|--|---|---|
| <p>13 x 13</p>  <p>101 pins (closed) grid/config code: 13A</p> | <p>13 x 13</p>  <p>101 pins (open) grid/config code: 13B</p> | <p>13 x 13</p>  <p>101 pins (closed) grid/config code: 13C</p> | <p>13 x 13</p>  <p>109 pins (closed) grid/config code: 13B</p> | <p>13 x 13</p>  <p>114 pins (open) grid/config code: 13B</p> | <p>13 x 13</p>  <p>120 pins (open) grid/config code: 13B</p> |
|--|---|---|--|---|---|

| | | | | | |
|--|---|---|--|---|---|
| <p>13 x 13</p>  <p>120 pins (open) grid/config code: 13E</p> | <p>13 x 13</p>  <p>121 pins (closed) grid/config code: 13A</p> | <p>13 x 13</p>  <p>121 pins (open) grid/config code: 13C</p> | <p>13 x 13</p>  <p>121 pins (open) grid/config code: 13D</p> | <p>13 x 13</p>  <p>124 pins (open) grid/config code: 13A</p> | <p>13 x 13</p>  <p>128 pins (open) grid/config code: 13C</p> |
|--|---|---|--|---|---|

PGA Series - Pin Grid Array Sockets



Footprints

Top View

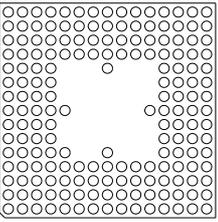
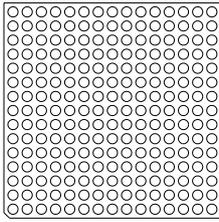
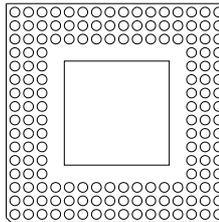
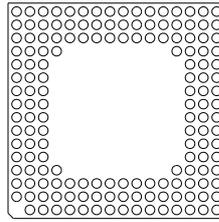
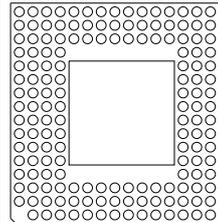
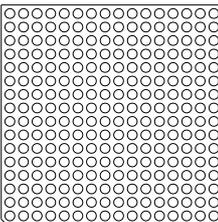
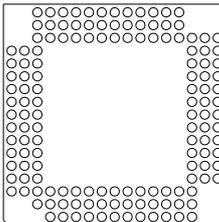
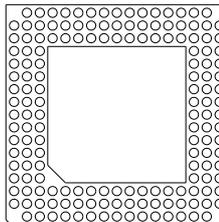
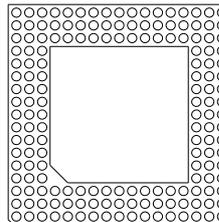
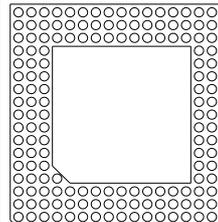
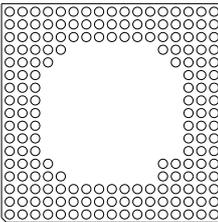
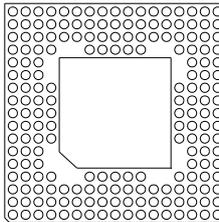
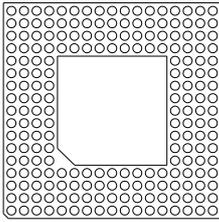
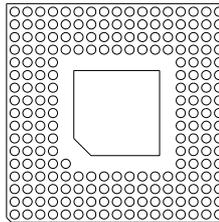
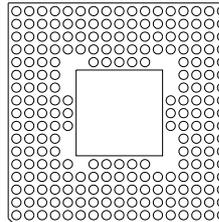
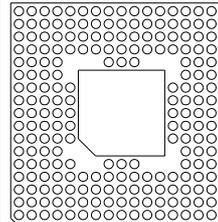
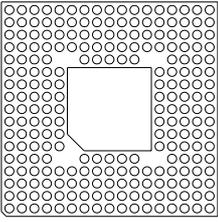
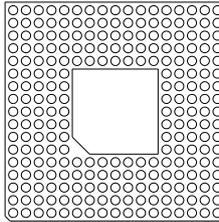
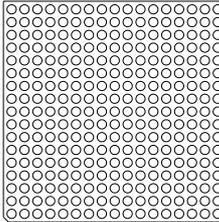
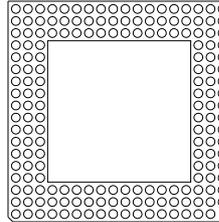
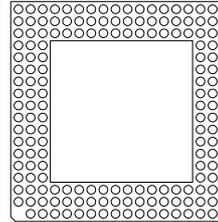
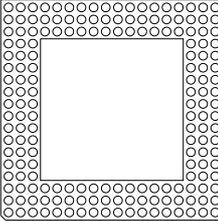
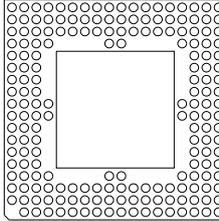
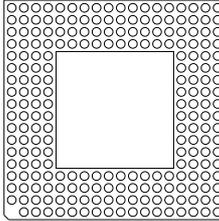
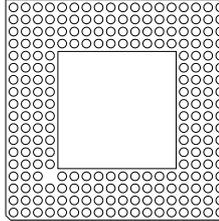
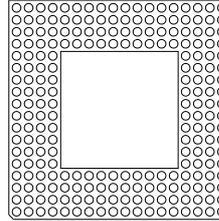
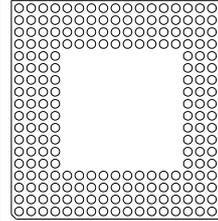
| | | | | | | |
|---|---|---|---|---|---|---|
| <p>13 x 13</p> <p>132 pins (open) grid/config code: 13D</p> | <p>13 x 13</p> <p>132 pins (open) grid/config code: 13G</p> | <p>13 x 13</p> <p>133 pins (open) grid/config code: 13B</p> | <p>13 x 13</p> <p>133 pins (closed) grid/config code: 13J</p> | <p>13 x 13</p> <p>133 pins (open) grid/config code: 13K</p> | <p>13 x 13</p> <p>138 pins (closed) grid/config code: 13A</p> | |
| <p>13 x 13</p> <p>144 pins (open) grid/config code: 13D</p> | <p>13 x 13</p> <p>169 pins (closed) grid/config code: 13Z</p> | <p>13 x 13</p> <p><i>For any other 13 x 13 grid sizes, please send the required footprint to your closest sales office.</i></p> | | <p>14 x 14</p> <p>80 pins (closed) grid/config code: 14A</p> | <p>14 x 14</p> <p>95 pins (open) grid/config code: 14B</p> | <p>14 x 14</p> <p>96 pins (open) grid/config code: 14D</p> |
| <p>14 x 14</p> <p>132 pins (open) grid/config code: 14B</p> | <p>14 x 14</p> <p>133 pins (open) grid/config code: 14D</p> | <p>14 x 14</p> <p>135 pins (closed) grid/config code: 14A</p> | <p>14 x 14</p> <p>136 pins (open) grid/config code: 14A</p> | <p>14 x 14</p> <p>140 pins (closed) grid/config code: 14A</p> | <p>14 x 14</p> <p>171 pins (closed) grid/config code: 14A</p> | |
| <p>14 x 14</p> <p>196 pins (closed) grid/config code: 14Z</p> | <p>14 x 14</p> <p><i>For any other 14 x 14 grid sizes, please send the required footprint to your closest sales office.</i></p> | | <p>15 x 15</p> <p>142 pins (open) grid/config code: 15A</p> | <p>15 x 15</p> <p>143 pins (open) grid/config code: 15C</p> | <p>15 x 15</p> <p>144 pins (open) grid/config code: 15B</p> | <p>15 x 15</p> <p>145 pins (open) grid/config code: 15C</p> |
| <p>15 x 15</p> <p>148 pins (open) grid/config code: 15B</p> | <p>15 x 15</p> <p>149 pins (open) grid/config code: 15F</p> | <p>15 x 15</p> <p>156 pins (open) grid/config code: 15C</p> | <p>15 x 15</p> <p>160 pins (open) grid/config code: 15C</p> | <p>15 x 15</p> <p>172 pins (open) grid/config code: 15A</p> | <p>15 x 15</p> <p>176 pins (open) grid/config code: 15B</p> | |

PGA Series - Pin Grid Array Sockets



Footprints

Top View

| | | | | | |
|--|---|---|--|---|---|
| <p>15 x 15</p>  <p>181 pins (closed) grid/config code: 15A</p> | <p>15 x 15</p>  <p>225 pins (closed) grid/config code: 15Z</p> | <p>15 x 15</p> <p><i>For any other 15 x 15 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>16 x 16</p>  <p>156 pins (open) grid/config code: 16C</p> | <p>16 x 16</p>  <p>159 pins (closed) grid/config code: 16A</p> | <p>16 x 16</p>  <p>175 pins (open) grid/config code: 16C</p> |
| <p>16 x 16</p>  <p>256 pins (closed) grid/config code: 16Z</p> | <p>16 x 16</p> <p><i>For any other 16 x 16 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>17 x 17</p>  <p>145 pins (closed) grid/config code: 17A</p> | <p>17 x 17</p>  <p>164 pins (open) grid/config code: 17A</p> | <p>17 x 17</p>  <p>168 pins (open) grid/config code: 17D</p> | <p>17 x 17</p>  <p>169 pins (open) grid/config code: 17B</p> |
| <p>17 x 17</p>  <p>181 pins (closed) grid/config code: 17B</p> | <p>17 x 17</p>  <p>192 pins (open) grid/config code: 17D</p> | <p>17 x 17</p>  <p>208 pins (open) grid/config code: 17B</p> | <p>17 x 17</p>  <p>209 pins (open) grid/config code: 17C</p> | <p>17 x 17</p>  <p>225 pins (open) grid/config code: 17B</p> | <p>17 x 17</p>  <p>225 pins (open) grid/config code: 17F</p> |
| <p>17 x 17</p>  <p>232 pins (open) grid/config code: 17B</p> | <p>17 x 17</p>  <p>240 pins (open) grid/config code: 17C</p> | <p>17 x 17</p>  <p>289 pins (closed) grid/config code: 17Z</p> | <p>17 x 17</p> <p><i>For any other 17 x 17 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>18 x 18</p>  <p>179 pins (open) grid/config code: 18E</p> | <p>18 x 18</p>  <p>179 pins (open) grid/config code: 18L</p> |
| <p>18 x 18</p>  <p>180 pins (open) grid/config code: 18C</p> | <p>18 x 18</p>  <p>191 pins (open) grid/config code: 18A</p> | <p>18 x 18</p>  <p>223 pins (open) grid/config code: 18C</p> | <p>18 x 18</p>  <p>223 pins (open) grid/config code: 18D</p> | <p>18 x 18</p>  <p>224 pins (open) grid/config code: 18B</p> | <p>18 x 18</p>  <p>224 (closed) grid/config code: 18C</p> |

PGA Series - Pin Grid Array Sockets



Footprints

Top View

| | | | | | |
|---|---|--|---|--|---|
| <p>18 x 18</p> <p>225 pins (closed) grid/config code: 18E</p> | <p>18 x 18</p> <p>241 pins (open) grid/config code: 18B</p> | <p>18 x 18</p> <p>324 pins (closed) grid/config code: 18Z</p> | <p>18 x 18</p> <p><i>For any other 18 x 18 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>19 x 19</p> <p>237 pins (open) grid/config code: 19B</p> | <p>19 x 19</p> <p>238 pins (open) grid/config code: 19A</p> |
| <p>19 x 19</p> <p>240 pins (open) grid/config code: 19A</p> | <p>19 x 19</p> <p>277 pins (open) grid/config code: 19A</p> | <p>19 x 19</p> <p>280 pins (open) grid/config code: 19A</p> | <p>19 x 19</p> <p>281 pins (open) grid/config code: 19A</p> | <p>19 x 19</p> <p><i>For any other 19 x 19 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>20 x 20</p> <p>257 pins (open) grid/config code: 20A</p> |
| <p>20 x 20</p> <p>262 pins (open) grid/config code: 20B</p> | <p>20 x 20</p> <p>299 pins (open) grid/config code: 20A</p> | <p>20 x 20</p> <p>299 pins (closed) grid/config code: 20B</p> | <p>20 x 20</p> <p>299 pins (open) grid/config code: 20D</p> | <p>20 x 20</p> <p>300 pins (open) grid/config code: 20B</p> | <p>20 x 20</p> <p><i>For any other 20 x 20 grid sizes, please send the required footprint to your closest sales office.</i></p> |
| <p>21 x 21</p> <p>273 pins (open) grid/config code: 21A</p> | <p>21 x 21</p> <p><i>For any other 21 x 21 grid sizes, please send the required footprint to your closest sales office.</i></p> | <p>22 x 22 to 24 x 24</p> <p><i>For any grid sizes between 22 x 22 and 24 x 24, please send the required footprint to your closest sales office.</i></p> | <p>25 x 25</p> <p>401 pins (open) grid/config code: 25A</p> | <p>25 x 25</p> <p><i>For any other 25 x 25 grid sizes, please send the required footprint to your closest sales office..</i></p> | <p>over 25 x 25</p> <p><i>For any grid sizes over 25 x 25, please send the required footprint to your closest sales office.</i></p> |