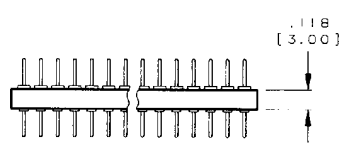
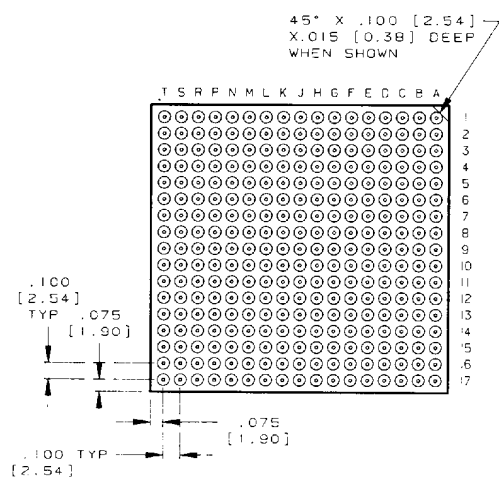
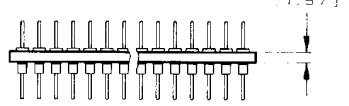


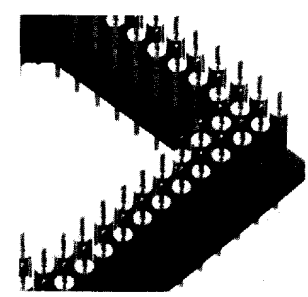
A-23-21



MOLDED POLYESTER



G10 EPOXY BOARD
(-E PIN SHOWN)



PIN GRID ARRAY PLUG

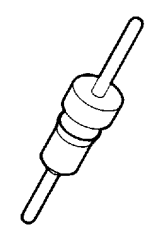
- Specifications**
- Environmental**
Temperature Range:
-55°C to +125°C
- Mechanical**
Insulator Material:
Glass filled polyester,
black, UL94V-0
Contact Material:
Brass
Contact Plating:
10µ IN gold
- Electrical**
Current Rating:
3 AMP
Dielectric Withstanding
Voltage: 300 Vrms
Insulation Resistance:
> 1000 Megohms

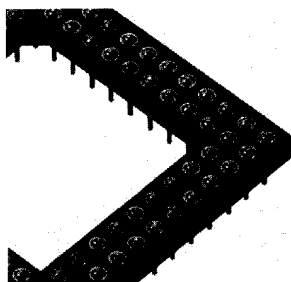
Part Numbers

CA - G 114 MP - F 1 B - 13 12 - *

1 2 3 4 5 6 7 8 9

1 INSULATOR STYLE G = Pin Grid Array	5 TAIL TYPE 1 = solder tail	8 PATTERN NUMBER Refer to following pages for available PGA patterns. First two digits denote grid size, last two digits denote pattern number. If you cannot locate the pattern you require, please refer to page 43 for information on Custom PGA patterns.
2 NO. OF POSITIONS 001 thru 289	6 CONTACT PLATING B = 10µ IN gold	9 INSULATOR MATERIAL STANDARD Blank = Glass filled Polyester, black, UL94V-0 OPTIONAL E = Glass filled epoxy, natural G10-FR4
3 SERIES MP = Screw Machine Plug	7 GRID SIZE 47 = 4 X 7 05 = 5 X 5 06 = 6 X 6 07 = 7 X 7 08 = 8 X 8 09 = 9 X 9 10 = 10 X 10 11 = 11 X 11 12 = 12 X 12 13 = 13 X 13 14 = 14 X 14 15 = 15 X 15 16 = 16 X 16 17 = 17 X 17	
4 HEAD TYPE A = fork D = post E = post F = post G = post H = extender post J = extender post M = extender post N = post	Refer to pages 48 & 49 for dimensioning of contacts	





**PGA PATTERNS
GENERAL
INFORMATION**

CA

SELECTION OF YOUR PATTERN

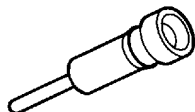
387 Patterns are shown

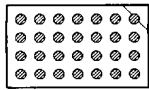
The following 20 pages contain PGA patterns for use when ordering the PGA sockets and plugs shown on pages 20 and 21.

Starting with the smallest grid size, we have listed the available patterns by pin count in descending order for sizes 4X7 through 17X17. Each pattern shows the contact layout and not the insulator style. There may be empty holes, in the insulator, not occupied by a contact. Consult the factory for details on the actual construction of the insulator.

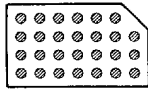
Circuit Assembly has compiled an extensive semiconductor cross reference to available PGA patterns. Pages 44 through 47 contain the semiconductor part numbers of 33 device manufacturers.

If you require a pattern not shown in this catalog, please refer to the CUSTOM PGA PATTERNS, shown on page 43 for ordering information.

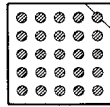




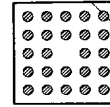
28 PINS
PATTERN 470



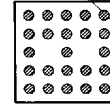
27 PINS
PATTERN 4702



25 PINS
PATTERN 0501

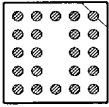


24 PINS
PATTERN 0502

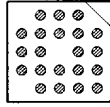


23 PINS
PATTERN 0507

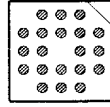
4



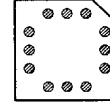
22 PINS
PATTERN 0503



21 PINS
PATTERN 0506

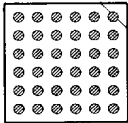


20 PINS
PATTERN 0505

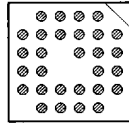


12 PINS
PATTERN 0504

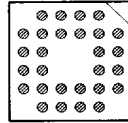
5



36 PINS
PATTERN 0601

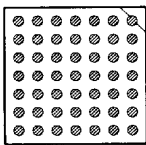


29 PINS
PATTERN 0603

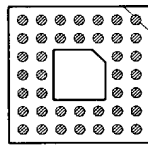


28 PINS
PATTERN 0602

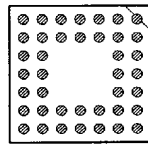
6



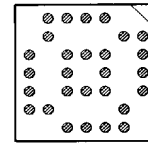
49 PINS
PATTERN 0701



40 PINS
PATTERN 0702

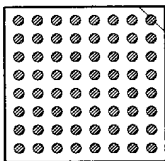


40 PINS
PATTERN 0703

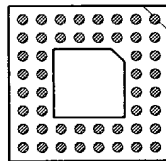


28 PINS
PATTERN 0704

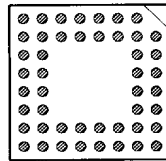
7



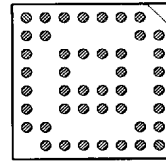
64 PINS
PATTERN 0801



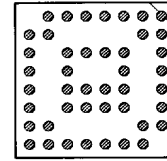
48 PINS
PATTERN 0811



47 PINS
PATTERN 0810

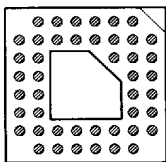


45 PINS
PATTERN 0809

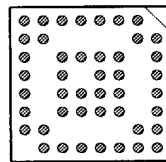


45 PINS
PATTERN 0808

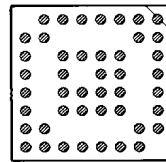
8



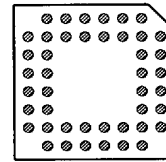
45 PINS
PATTERN 0807



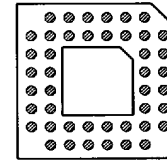
44 PINS
PATTERN 0806



44 PINS
PATTERN 0805



44 PINS
PATTERN 0803

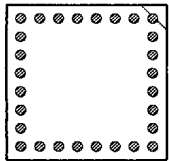


44 PINS
PATTERN 0802

8

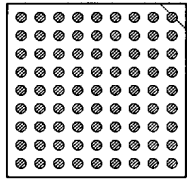


8

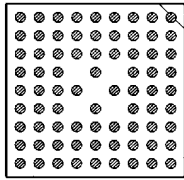


28 PINS
PATTERN 0804

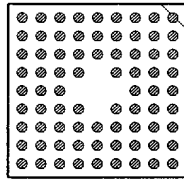
9



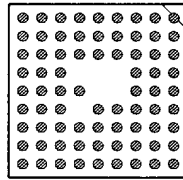
81 PINS
PATTERN 0901



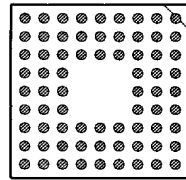
76 PINS
PATTERN 0924



76 PINS
PATTERN 0923

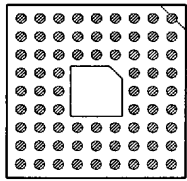


75 PINS
PATTERN 0902

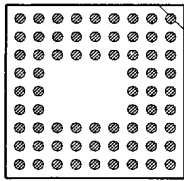


72 PINS
PATTERN 0904

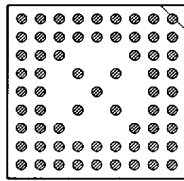
9



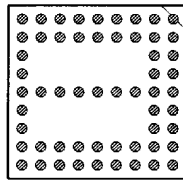
72 PINS
PATTERN 0903



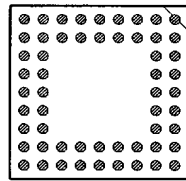
69 PINS
PATTERN 0922



65 PINS
PATTERN 0905

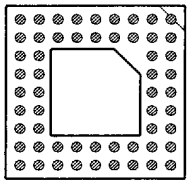


57 PINS
PATTERN 0906

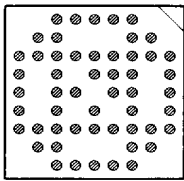


56 PINS
PATTERN 0908

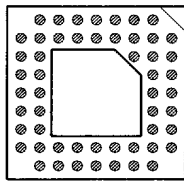
9



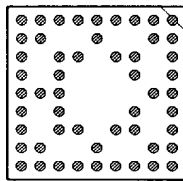
56 PINS
PATTERN 0907



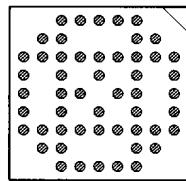
53 PINS
PATTERN 0921



53 PINS
PATTERN 0920

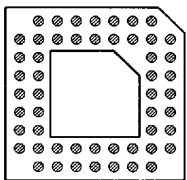


53 PINS
PATTERN 0909

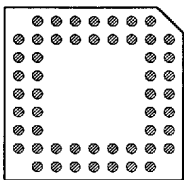


52 PINS
PATTERN 0919

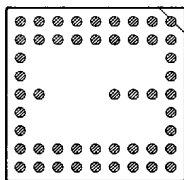
9



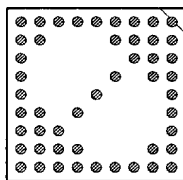
52 PINS
PATTERN 0916



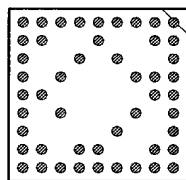
52 PINS
PATTERN 0915



50 PINS
PATTERN 0918

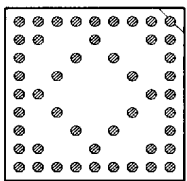


49 PINS
PATTERN 0917

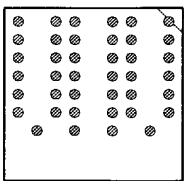


49 PINS
PATTERN 0910

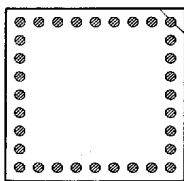
9



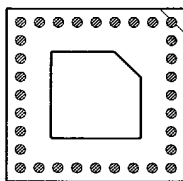
48 PINS
PATTERN 0911



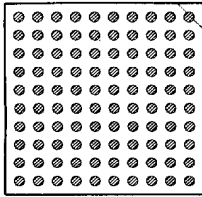
40 PINS
PATTERN 0912



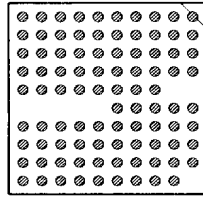
32 PINS
PATTERN 0914



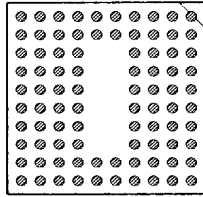
32 PINS
PATTERN 0913



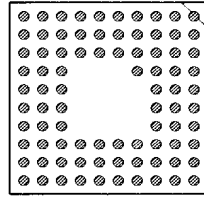
100 PINS
PATTERN 1001



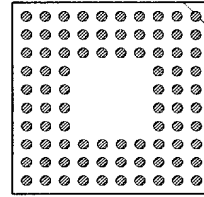
92 PINS
PATTERN 1019



88 PINS
PATTERN 1008

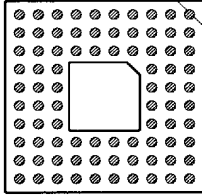


85 PINS
PATTERN 1017

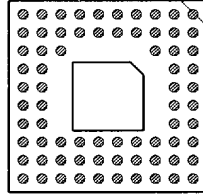


84 PINS
PATTERN 1003

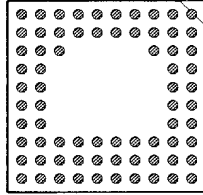
10



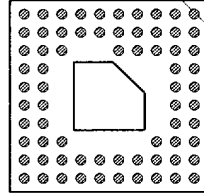
84 PINS
PATTERN 1002



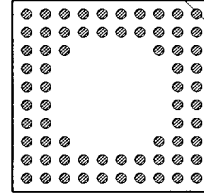
72 PINS
PATTERN 1016



72 PINS
PATTERN 1004

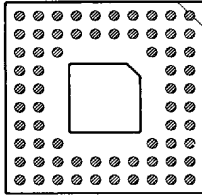


70 PINS
PATTERN 1015

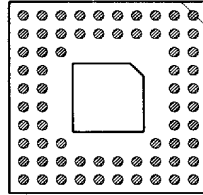


68 PINS
PATTERN 1006

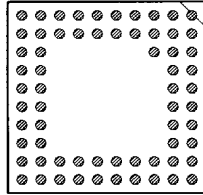
10



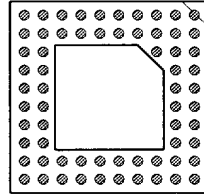
68 PINS
PATTERN 1005



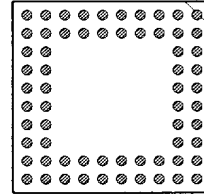
67 PINS
PATTERN 1014



65 PINS
PATTERN 1008

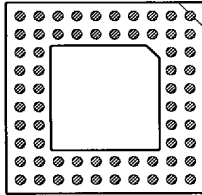


65 PINS
PATTERN 1007

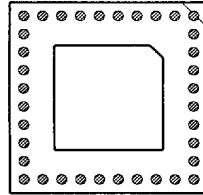


64 PINS
PATTERN 1010

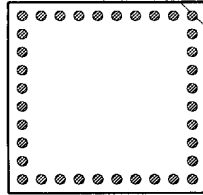
10



64 PINS
PATTERN 1009

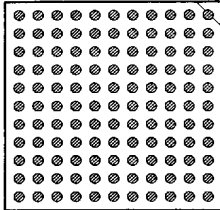


36 PINS
PATTERN 1013

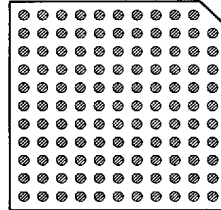


36 PINS
PATTERN 1011

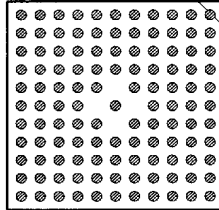
10



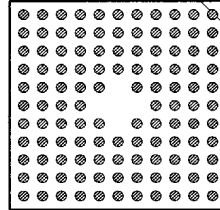
121 PINS
PATTERN 1101



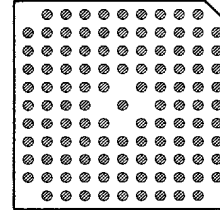
120 PINS
PATTERN 1102



117 PINS
PATTERN 1171

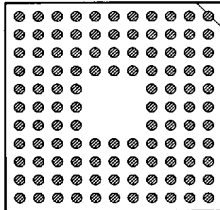


116 PINS
PATTERN 1103

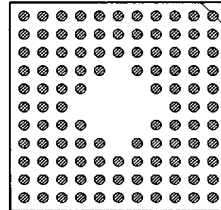


113 PINS
PATTERN 1104

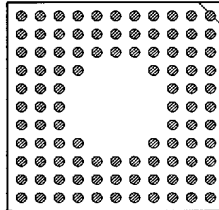
11



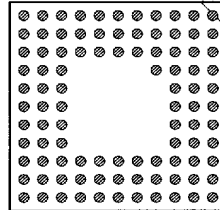
112 PINS
PATTERN 1170



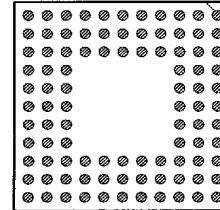
108 PINS
PATTERN 1169



100 PINS
PATTERN 1168



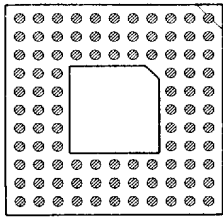
97 PINS
PATTERN 1167



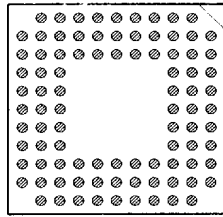
96 PINS
PATTERN 1106

11

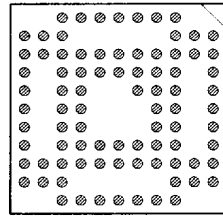
11



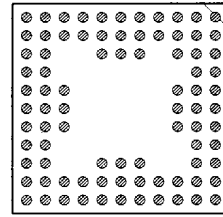
96 PINS
PATTERN 1105



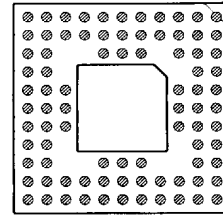
92 PINS
PATTERN 1166



85 PINS
PATTERN 1165

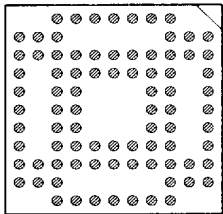


85 PINS
PATTERN 1108

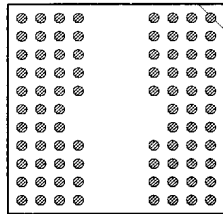


85 PINS
PATTERN 1107

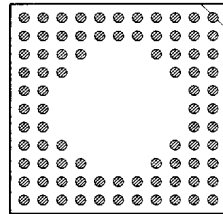
11



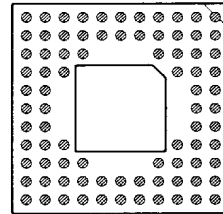
84 PINS
PATTERN 1163



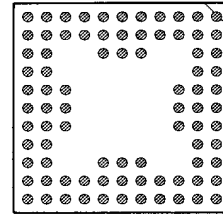
84 PINS
PATTERN 1162



84 PINS
PATTERN 1112

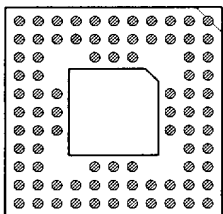


84 PINS
PATTERN 1111

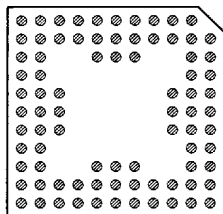


84 PINS
PATTERN 1110

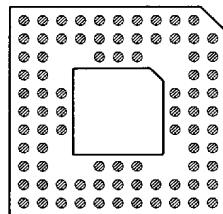
11



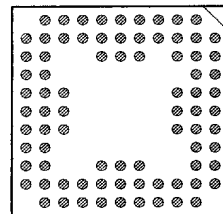
84 PINS
PATTERN 1109



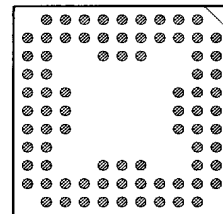
83 PINS
PATTERN 1114



83 PINS
PATTERN 1113

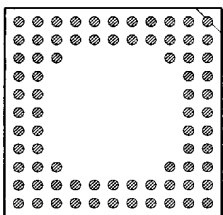


81 PINS
PATTERN 1161

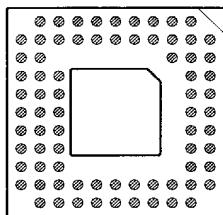


80 PINS
PATTERN 1160

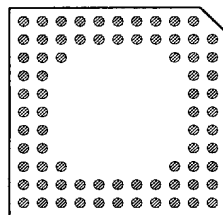
11



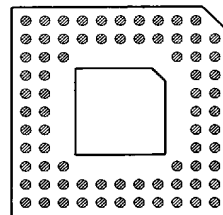
76 PINS
PATTERN 1159



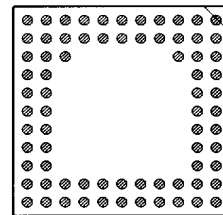
75 PINS
PATTERN 1158



75 PINS
PATTERN 1116

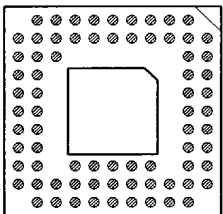


75 PINS
PATTERN 1115

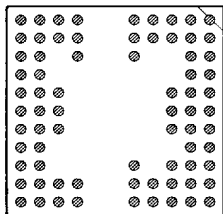


74 PINS
PATTERN 1115

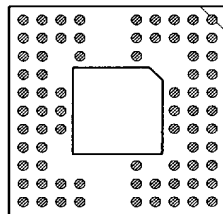
11



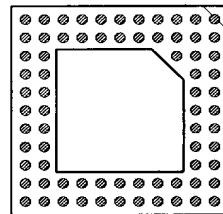
74 PINS
PATTERN 1156



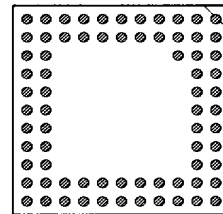
74 PINS
PATTERN 1118



74 PINS
PATTERN 1117

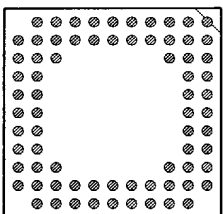


73 PINS
PATTERN 1155

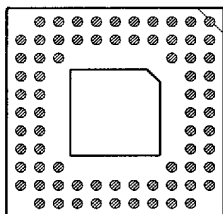


73 PINS
PATTERN 1164

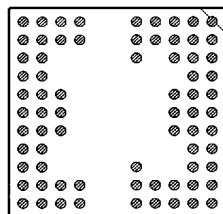
11



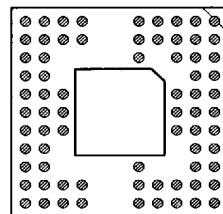
73 PINS
PATTERN 1122



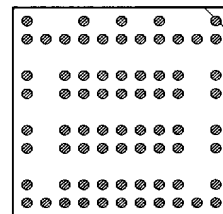
73 PINS
PATTERN 1121



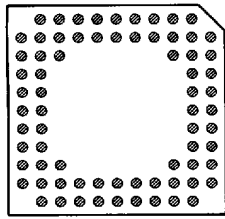
73 PINS
PATTERN 1120



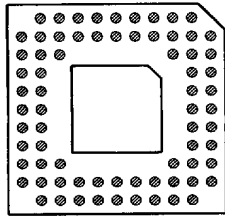
73 PINS
PATTERN 1119



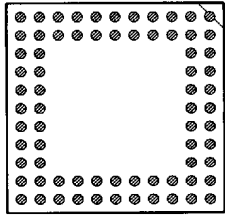
72 PINS
PATTERN 1154



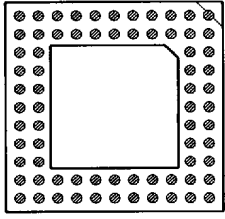
72 PINS
PATTERN 1126



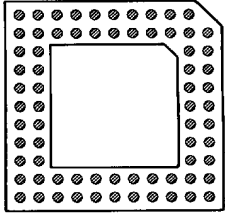
72 PINS
PATTERN 1125



72 PINS
PATTERN 1124

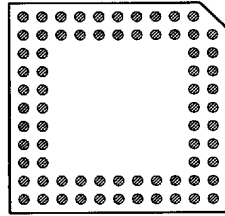


72 PINS
PATTERN 1123

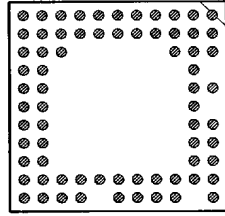


71 PINS
PATTERN 1148

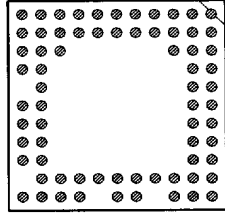
11



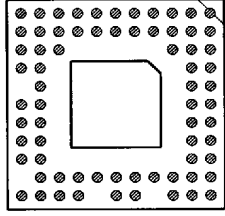
71 PINS
PATTERN 1127



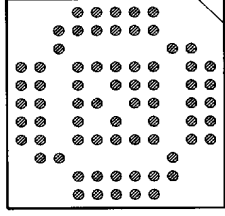
70 PINS
PATTERN 1153



70 PINS
PATTERN 1129

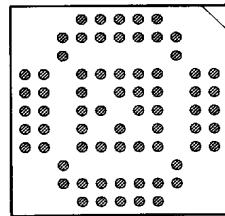


70 PINS
PATTERN 1128

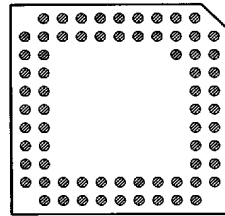


69 PINS
PATTERN 1152

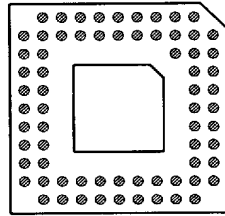
11



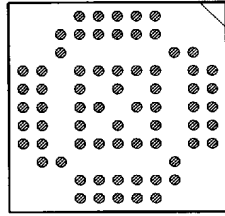
69 PINS
PATTERN 1151



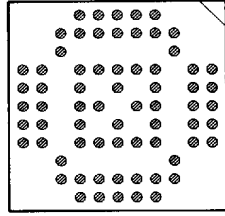
69 PINS
PATTERN 1131



69 PINS
PATTERN 1130

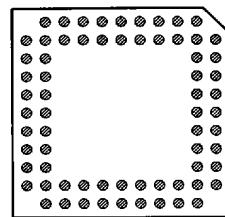


68 PINS
PATTERN 1150

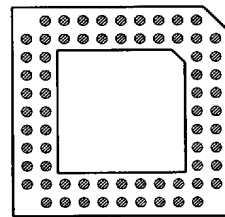


68 PINS
PATTERN 1149

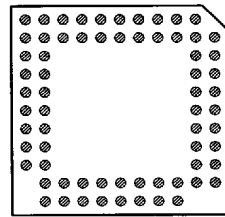
11



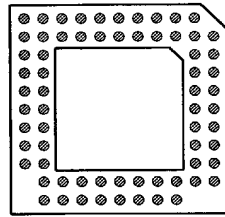
68 PINS
PATTERN 1133



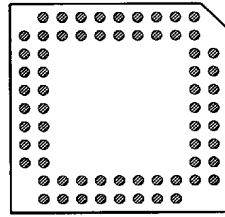
68 PINS
PATTERN 1132



67 PINS
PATTERN 1135

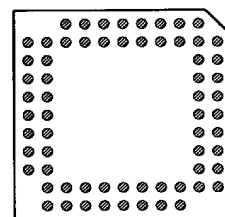


67 PINS
PATTERN 1134

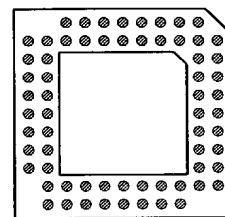


65 PINS
PATTERN 1138

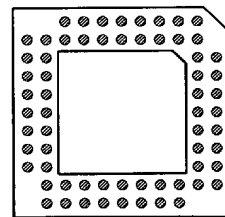
11



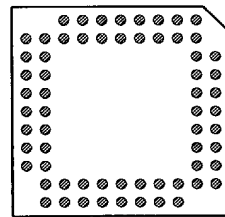
65 PINS
PATTERN 1137



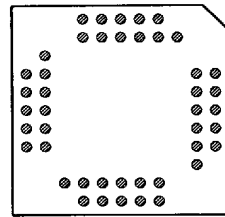
65 PINS
PATTERN 1136



64 PINS
PATTERN 1147

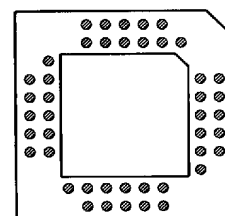


64 PINS
PATTERN 1146

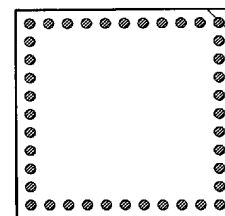


44 PINS
PATTERN 1140

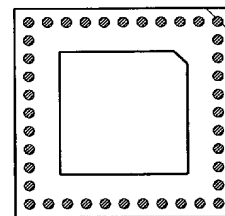
11



44 PINS
PATTERN 1139



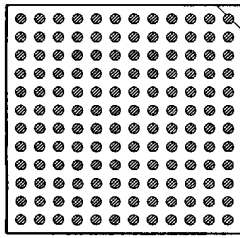
40 PINS
PATTERN 1142



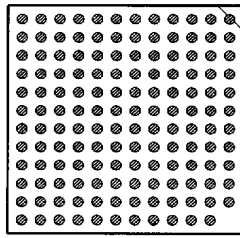
40 PINS
PATTERN 1141

11

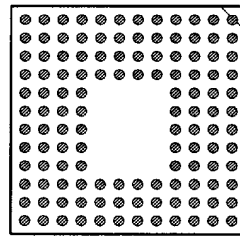
12



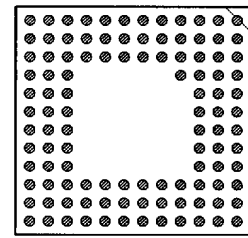
144 PINS
PATTERN 1201



143 PINS
PATTERN 1225

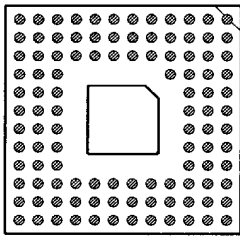


124 PINS
PATTERN 1224

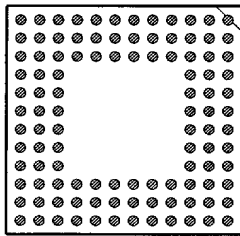


109 PINS
PATTERN 1203

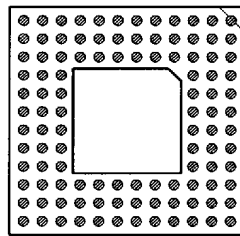
12



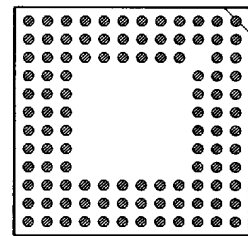
109 PINS
PATTERN 1202



108 PINS
PATTERN 1205

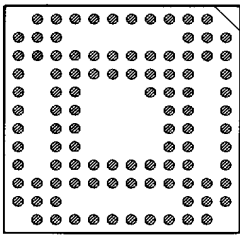


108 PINS
PATTERN 1204

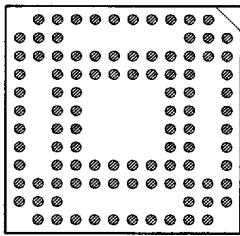


107 PINS
PATTERN 1223

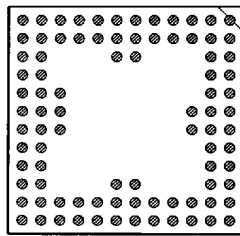
12



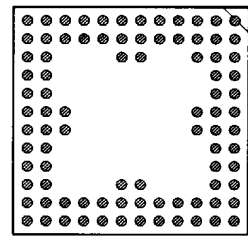
101 PINS
PATTERN 1222



100 PINS
PATTERN 1221

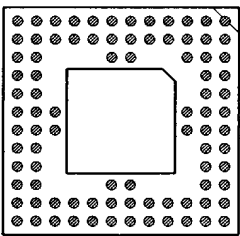


89 PINS
PATTERN 1220

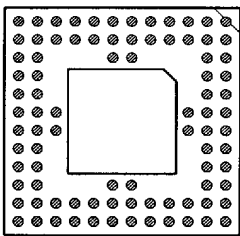


89 PINS
PATTERN 1207

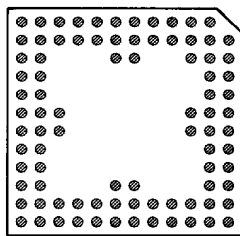
12



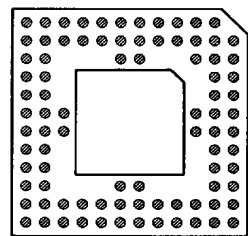
89 PINS
PATTERN 1206



88 PINS
PATTERN 1217

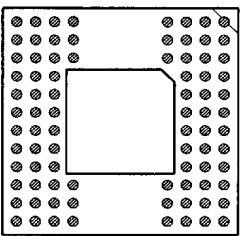


88 PINS
PATTERN 1209

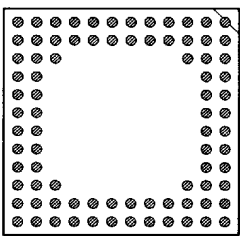


88 PINS
PATTERN 1208

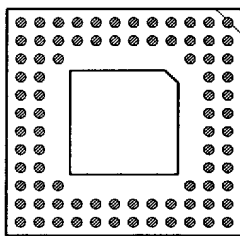
12



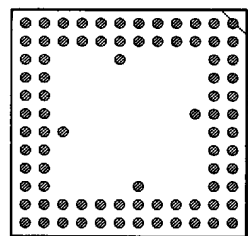
84 PINS
PATTERN 1219



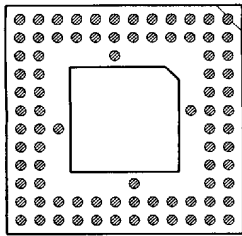
84 PINS
PATTERN 1213



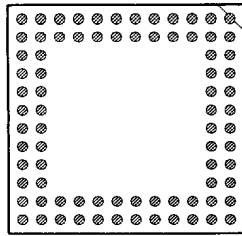
84 PINS
PATTERN 1212



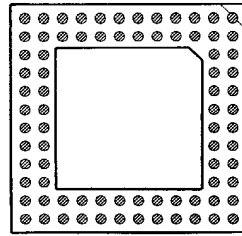
84 PINS
PATTERN 1211



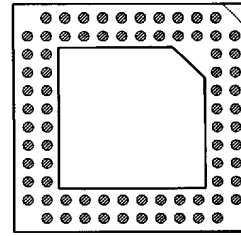
84 PINS
PATTERN 1210



80 PINS
PATTERN 1215

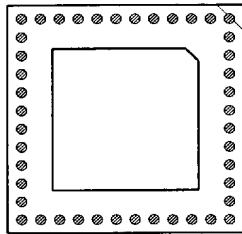


80 PINS
PATTERN 1214

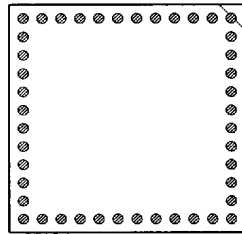


76 PINS
PATTERN 1226

12

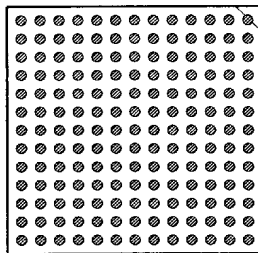


44 PINS
PATTERN 1218

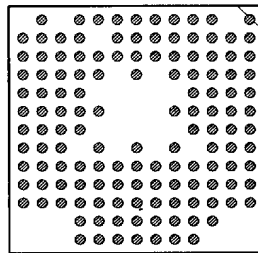


44 PINS
PATTERN 1216

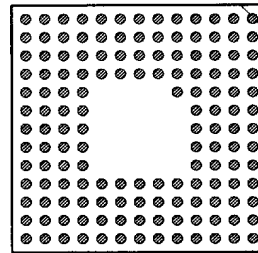
12



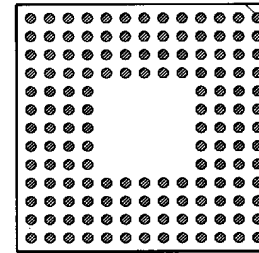
169 PINS
PATTERN 1301



148 PINS
PATTERN 1370

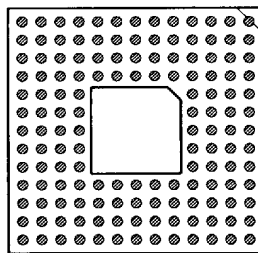


145 PINS
PATTERN 1369

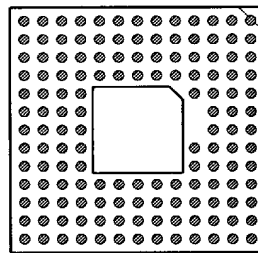


144 PINS
PATTERN 1303

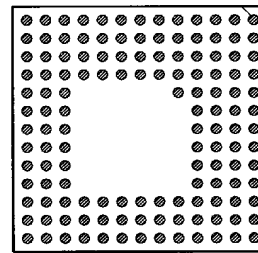
13



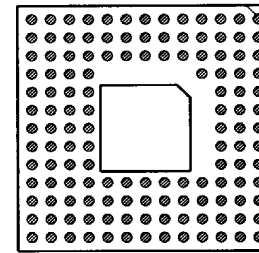
144 PINS
PATTERN 1302



142 PINS
PATTERN 1368

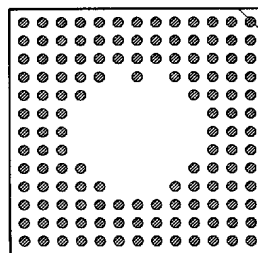


134 PINS
PATTERN 1367

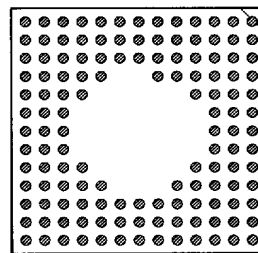


134 PINS
PATTERN 1366

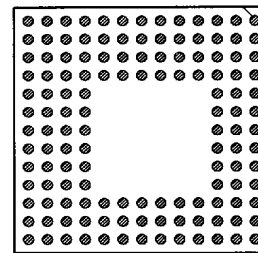
13



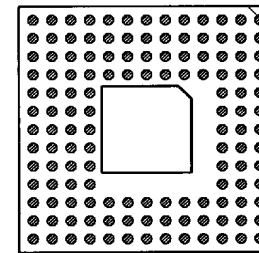
133 PINS
PATTERN 1365



133 PINS
PATTERN 1346



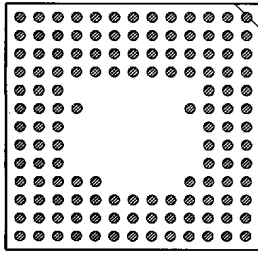
133 PINS
PATTERN 1305



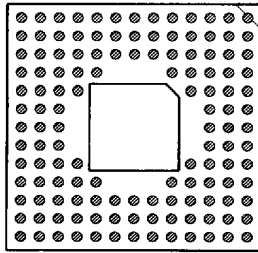
133 PINS
PATTERN 1304

13

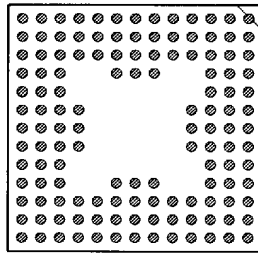
13



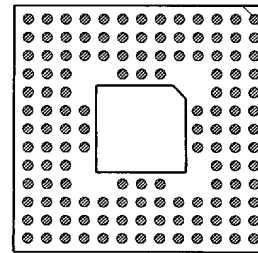
132 PINS
PATTERN 1364



132 PINS
PATTERN 1363

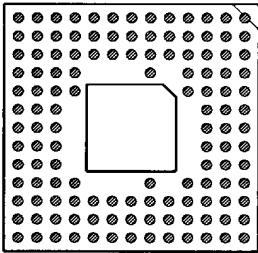


132 PINS
PATTERN 1307

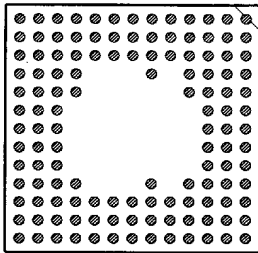


132 PINS
PATTERN 1306

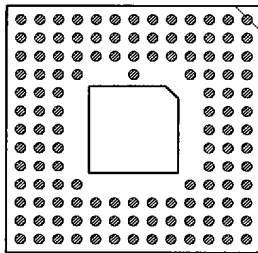
13



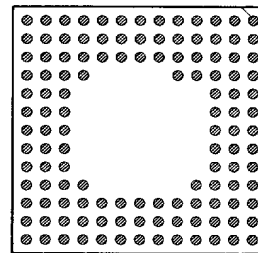
128 PINS
PATTERN 1348



128 PINS
PATTERN 1345

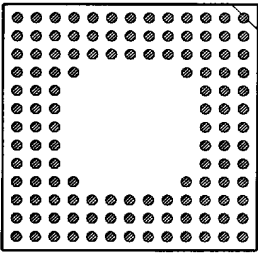


125 PINS
PATTERN 1362

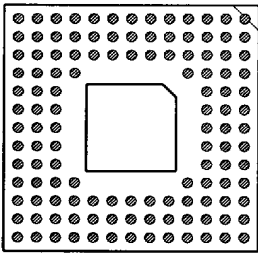


125 PINS
PATTERN 1361

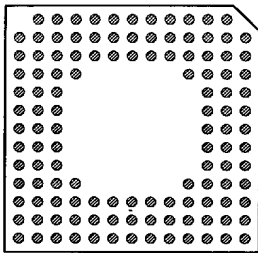
13



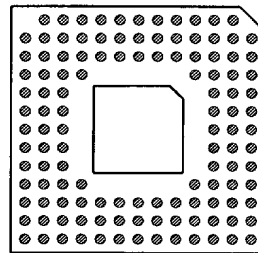
124 PINS
PATTERN 1309



124 PINS
PATTERN 1308

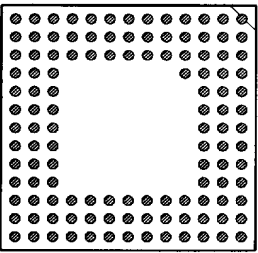


122 PINS
PATTERN 1311

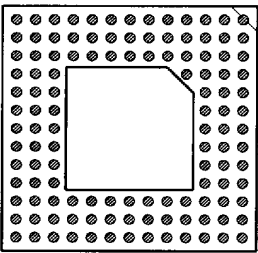


122 PINS
PATTERN 1310

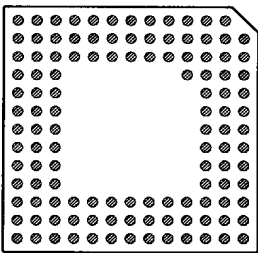
13



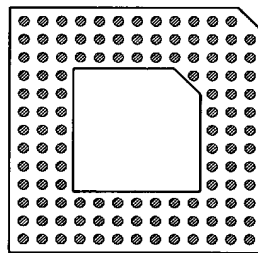
121 PINS
PATTERN 1313



121 PINS
PATTERN 1312

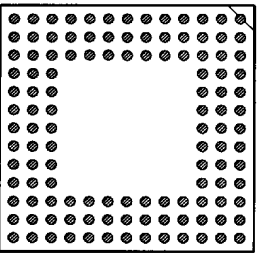


120 PINS
PATTERN 1317

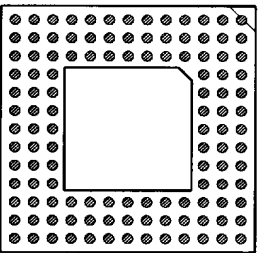


120 PINS
PATTERN 1316

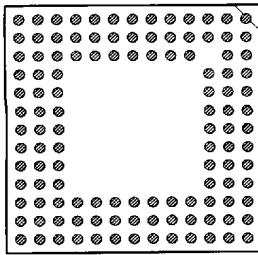
13



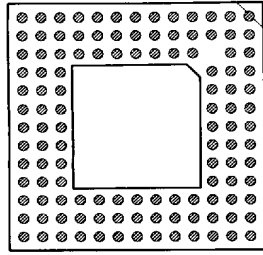
120 PINS
PATTERN 1315



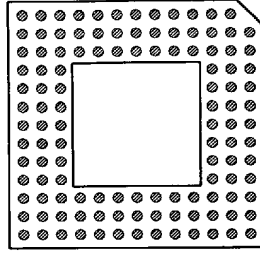
120 PINS
PATTERN 1314



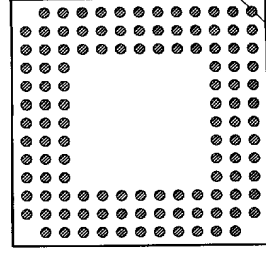
119 PINS
PATTERN 1320



119 PINS
PATTERN 1319

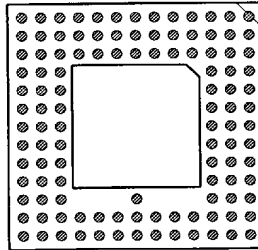


119 PINS
PATTERN 1318

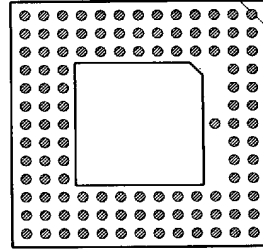


117 PINS
PATTERN 1338

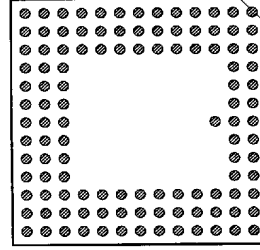
13



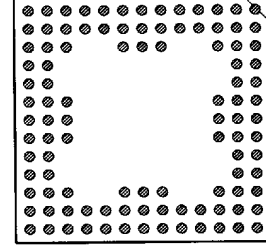
114 PINS
PATTERN 1347



114 PINS
PATTERN 1340

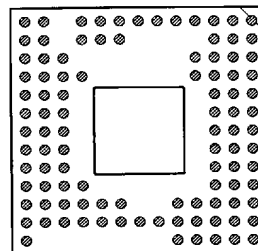


114 PINS
PATTERN 1339

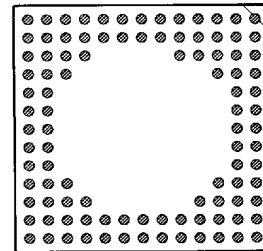


104 PINS
PATTERN 1359

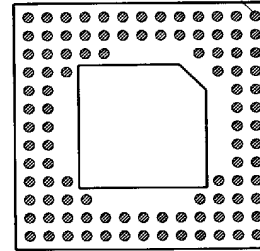
13



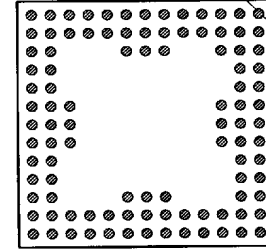
102 PINS
PATTERN 1358



101 PINS
PATTERN 1357

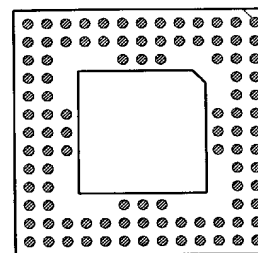


101 PINS
PATTERN 1356

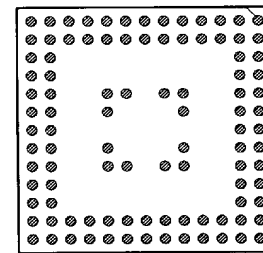


101 PINS
PATTERN 1322

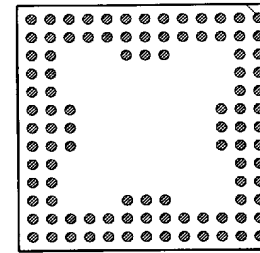
13



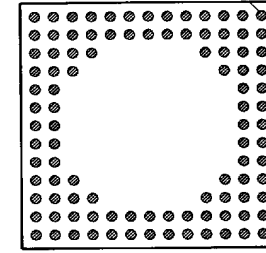
101 PINS
PATTERN 1321



100 PINS
PATTERN 1355

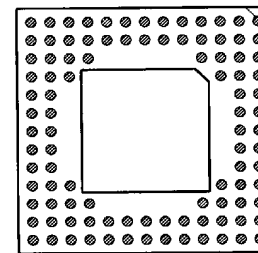


100 PINS
PATTERN 1354

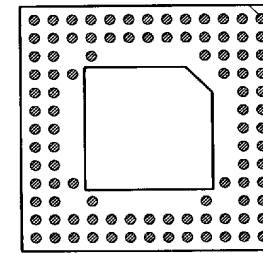


100 PINS
PATTERN 1324

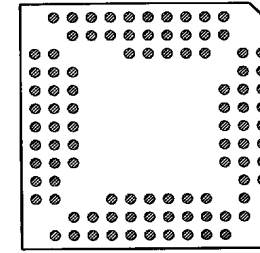
13



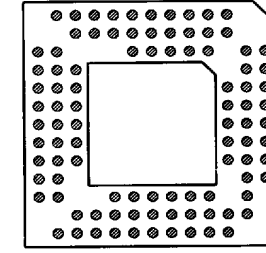
100 PINS
PATTERN 1323



97 PINS
PATTERN 1353



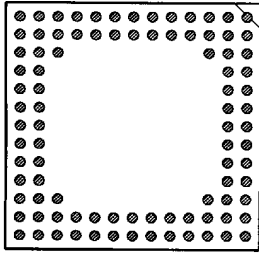
96 PINS
PATTERN 1326



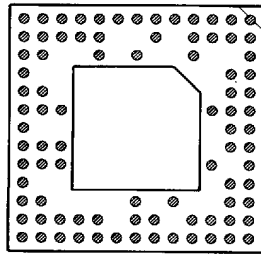
96 PINS
PATTERN 1325

13

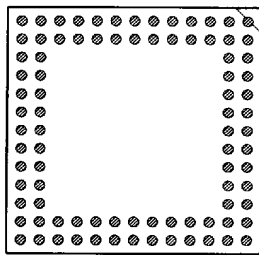
13



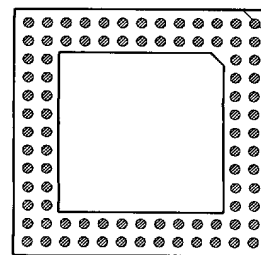
92 PINS
PATTERN 1352



88 PINS
PATTERN 1351

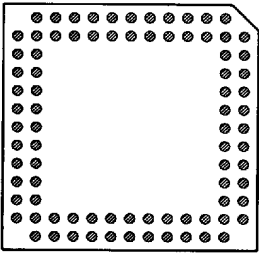


88 PINS
PATTERN 1328

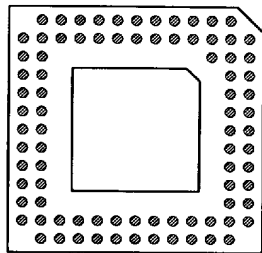


88 PINS
PATTERN 1327

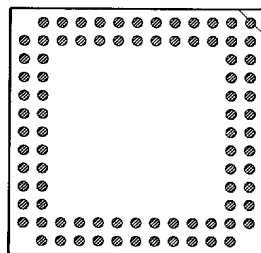
13



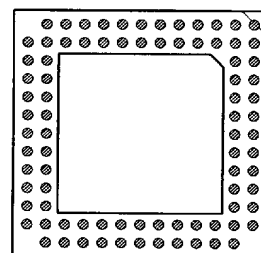
85 PINS
PATTERN 1332



85 PINS
PATTERN 1331

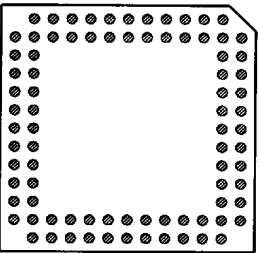


85 PINS
PATTERN 1330

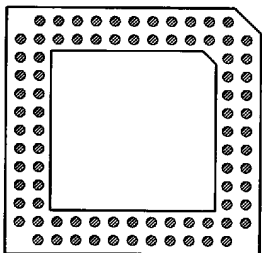


85 PINS
PATTERN 1329

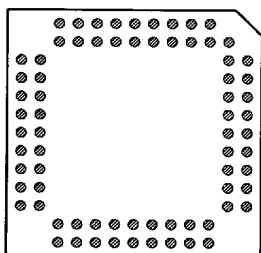
13



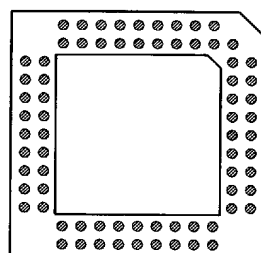
84 PINS
PATTERN 1350



84 PINS
PATTERN 1344

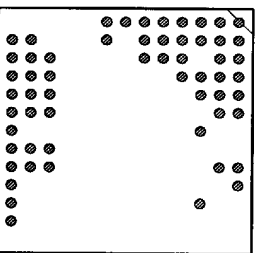


73 PINS
PATTERN 1334

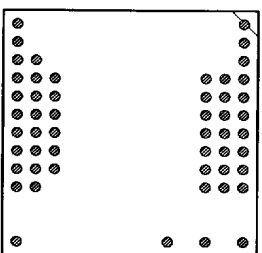


73 PINS
PATTERN 1333

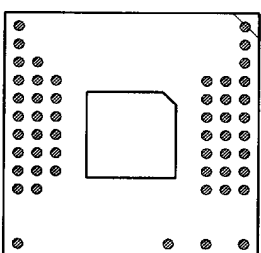
13



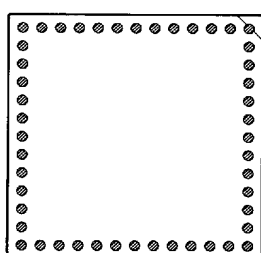
58 PINS
PATTERN 1343



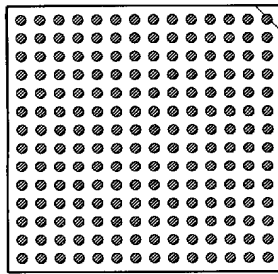
52 PINS
PATTERN 1336



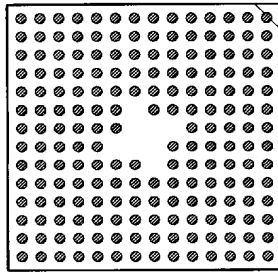
52 PINS
PATTERN 1335



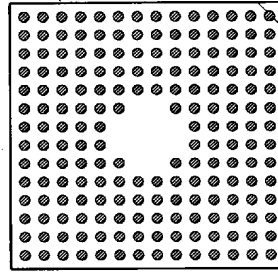
48 PINS
PATTERN 1337



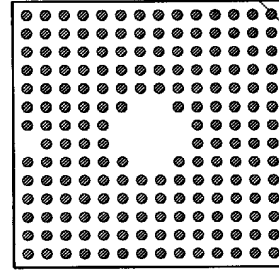
196 PINS
PATTERN 1401



188 PINS
PATTERN 1445

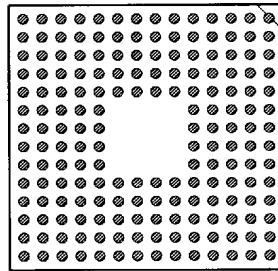


184 PINS
PATTERN 1444

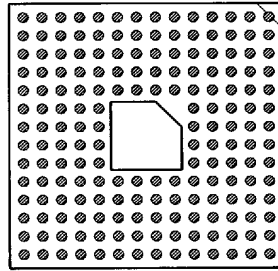


183 PINS
PATTERN 1443

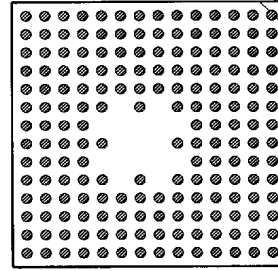
14



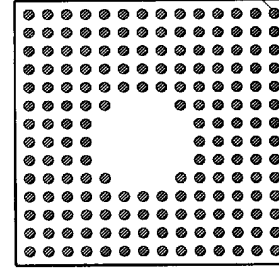
180 PINS
PATTERN 1403



180 PINS
PATTERN 1402

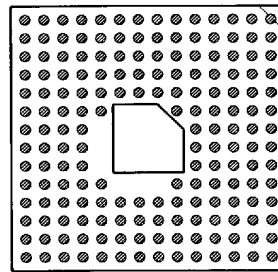


179 PINS
PATTERN 1422

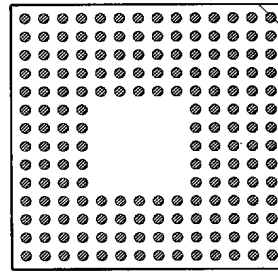


175 PINS
PATTERN 1405

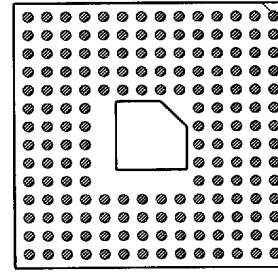
14



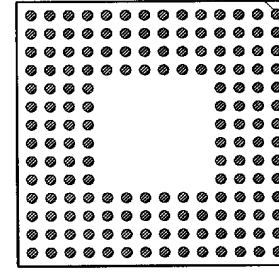
175 PINS
PATTERN 1404



171 PINS
PATTERN 1407

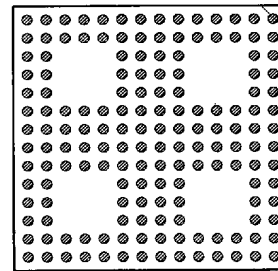


171 PINS
PATTERN 1406

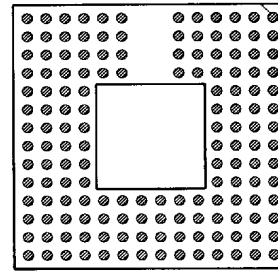


160 PINS
PATTERN 1442

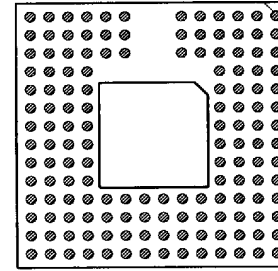
14



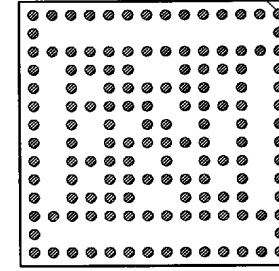
160 PINS
PATTERN 1408



152 PINS
PATTERN 1441

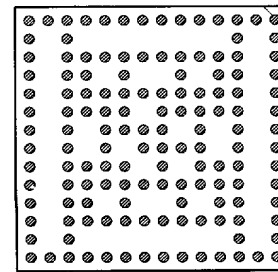


148 PINS
PATTERN 1440

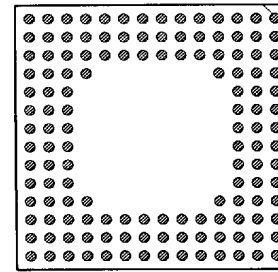


139 PINS
PATTERN 1439

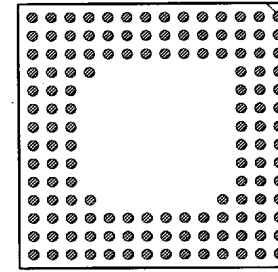
14



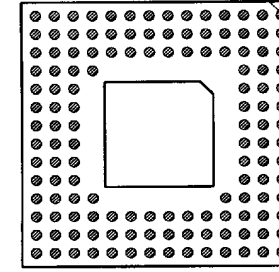
139 PINS
PATTERN 1409



136 PINS
PATTERN 1438



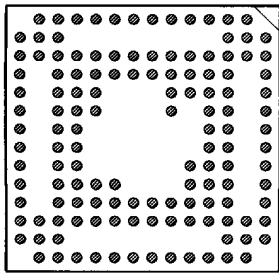
135 PINS
PATTERN 1411



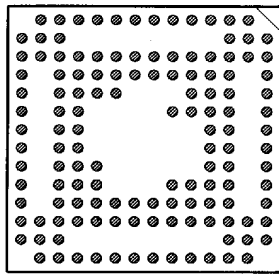
135 PINS
PATTERN 1410

14

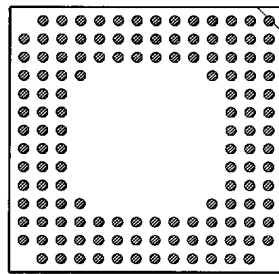
14



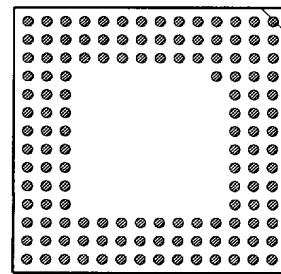
133 PINS
PATTERN 1437



133 PINS
PATTERN 1436

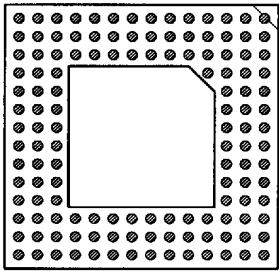


133 PINS
PATTERN 1435

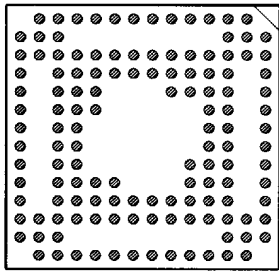


133 PINS
PATTERN 1413

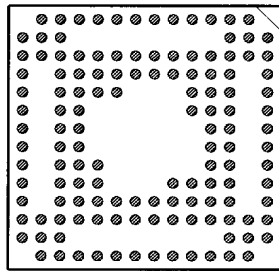
14



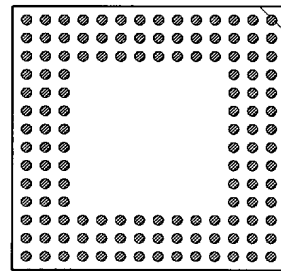
133 PINS
PATTERN 1412



132 PINS
PATTERN 1434

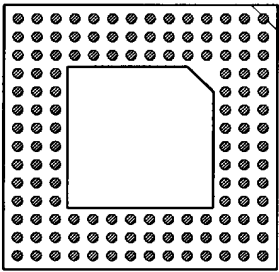


132 PINS
PATTERN 1433

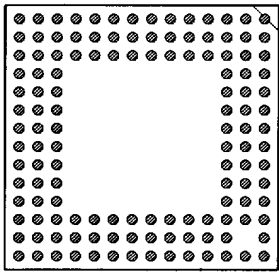


132 PINS
PATTERN 1415

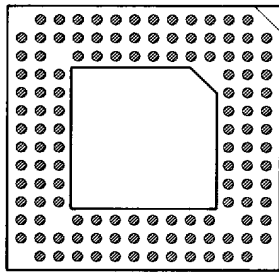
14



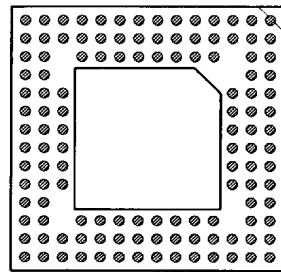
132 PINS
PATTERN 1414



131 PINS
PATTERN 1432

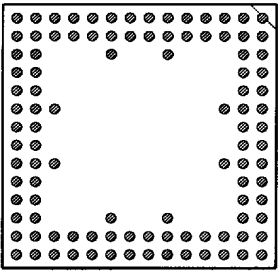


125 PINS
PATTERN 1431

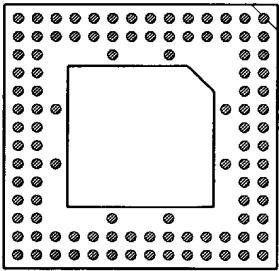


124 PINS
PATTERN 1430

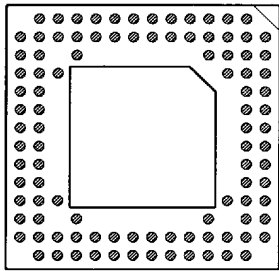
14



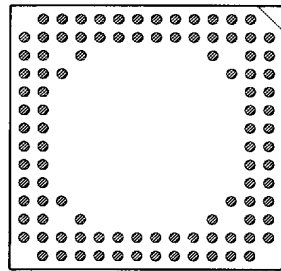
104 PINS
PATTERN 1417



104 PINS
PATTERN 1416

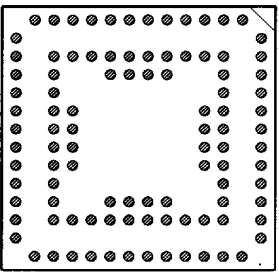


101 PINS
PATTERN 1429

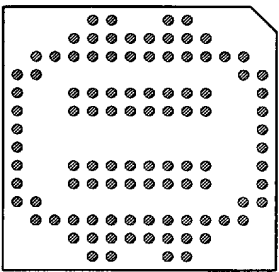


100 PINS
PATTERN 1428

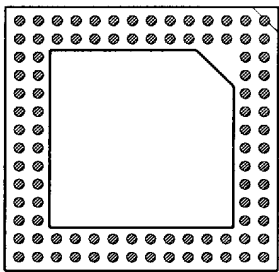
14



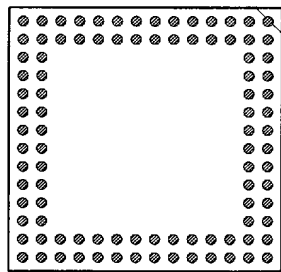
100 PINS
PATTERN 1427



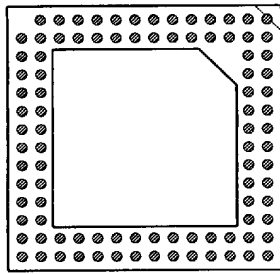
100 PINS
PATTERN 1423



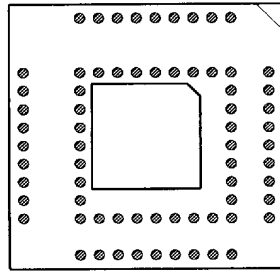
96 PINS
PATTERN 1426



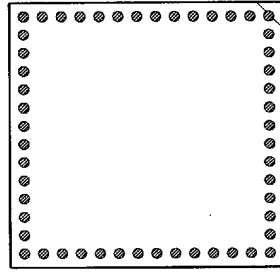
96 PINS
PATTERN 1420



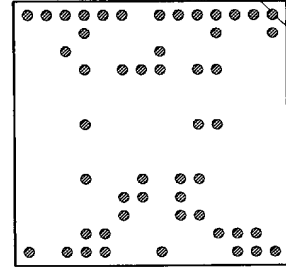
95 PINS
PATTERN 1446



68 PINS
PATTERN 1425

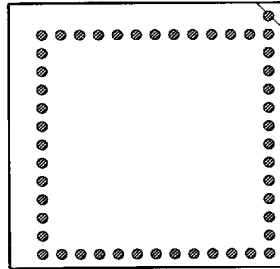


52 PINS
PATTERN 1421

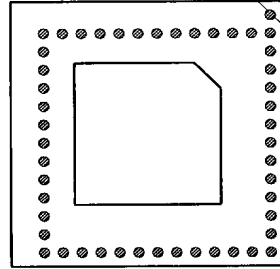


50 PINS
PATTERN 1424

14

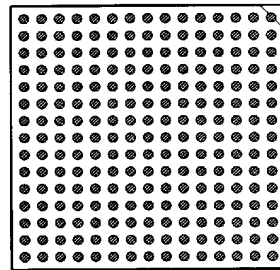


49 PINS
PATTERN 1419

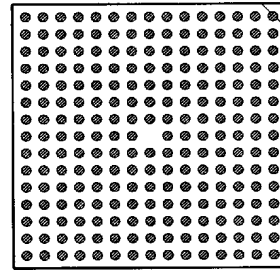


49 PINS
PATTERN 1418

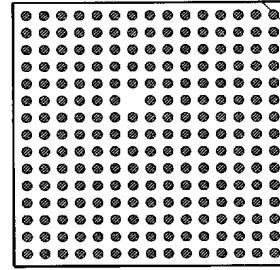
14



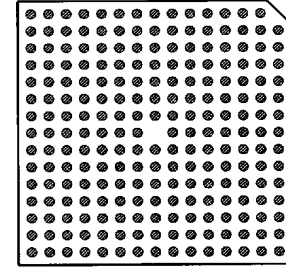
225 PINS
PATTERN 1501



224 PINS
PATTERN 1557

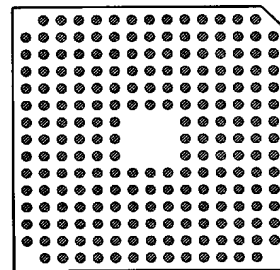


224 PINS
PATTERN 1502

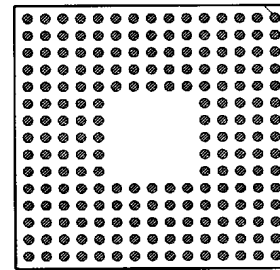


223 PINS
PATTERN 1503

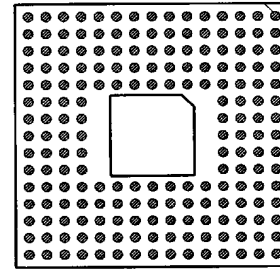
15



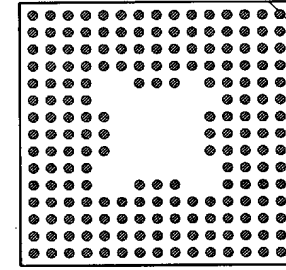
212 PINS
PATTERN 1532



200 PINS
PATTERN 1533

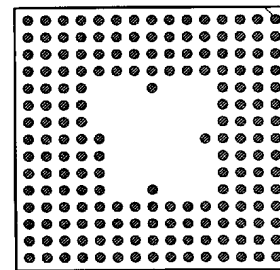


190 PINS
PATTERN 1556

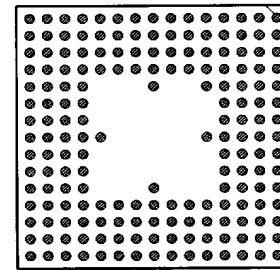


189 PINS
PATTERN 1555

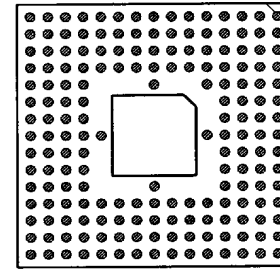
15



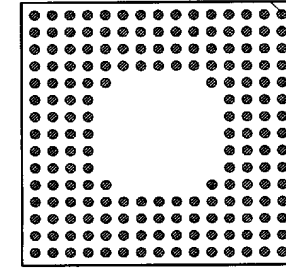
184 PINS
PATTERN 1554



181 PINS
PATTERN 1505



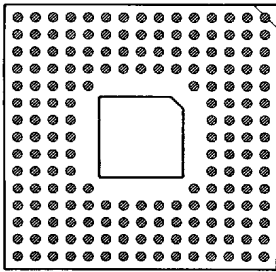
181 PINS
PATTERN 1504



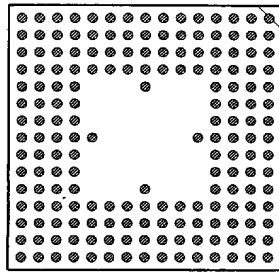
180 PINS
PATTERN 1509

15

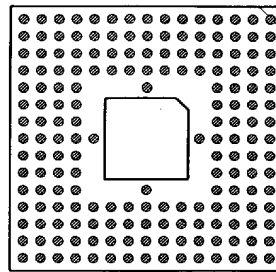
15



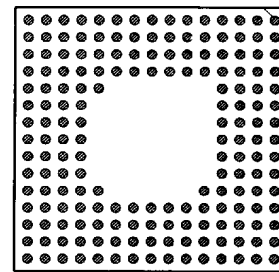
180 PINS
PATTERN 1508



180 PINS
PATTERN 1507

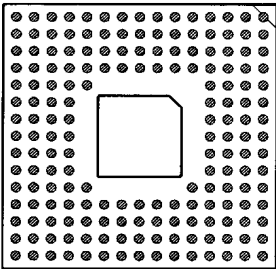


180 PINS
PATTERN 1506

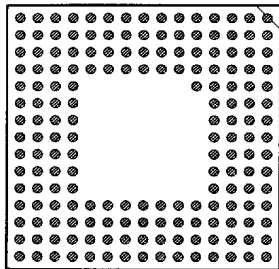


179 PINS
PATTERN 1511

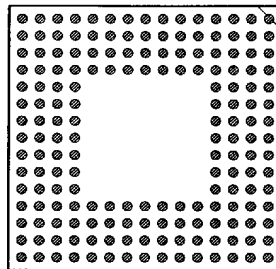
15



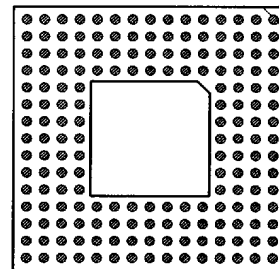
179 PINS
PATTERN 1510



177 PINS
PATTERN 1553

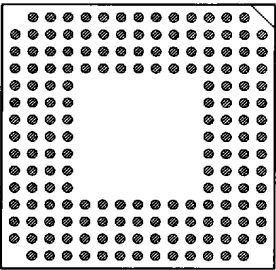


176 PINS
PATTERN 1513

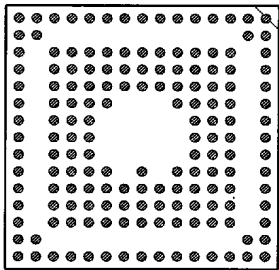


176 PINS
PATTERN 1512

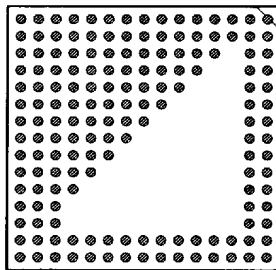
15



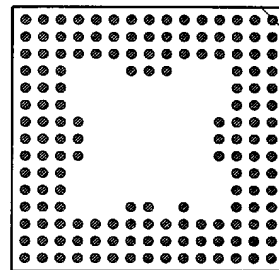
172 PINS
PATTERN 1552



161 PINS
PATTERN 1551

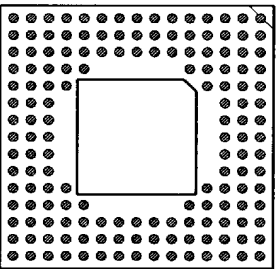


160 PINS
PATTERN 1514

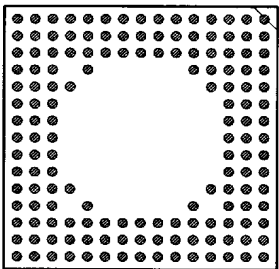


156 PINS
PATTERN 1550

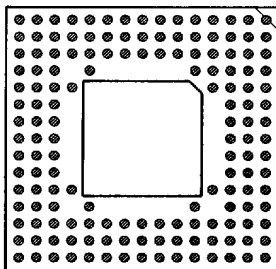
15



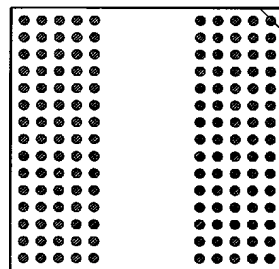
156 PINS
PATTERN 1536



153 PINS
PATTERN 1516

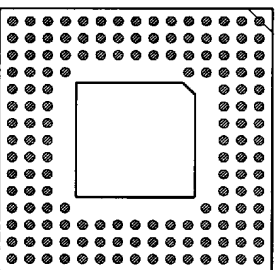


153 PINS
PATTERN 1515

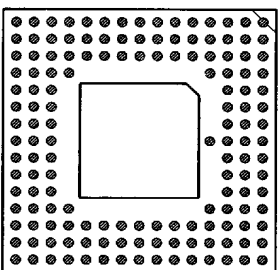


150 PINS
PATTERN 1549

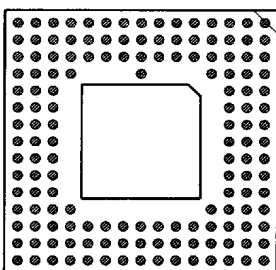
15



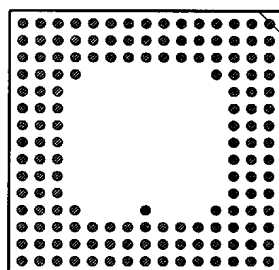
149 PINS
PATTERN 1548



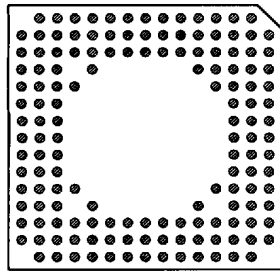
149 PINS
PATTERN 1547



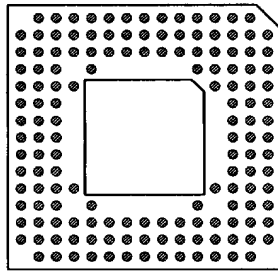
149 PINS
PATTERN 1546



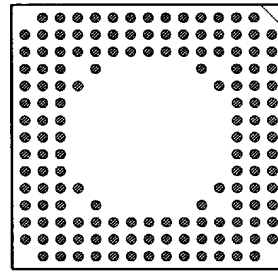
149 PINS
PATTERN 1535



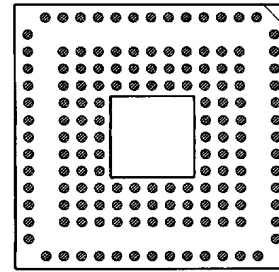
149 PINS
PATTERN 1518



149 PINS
PATTERN 1517

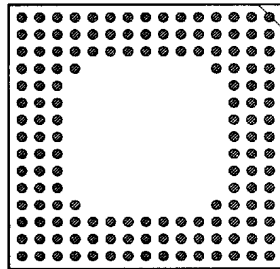


148 PINS
PATTERN 1545

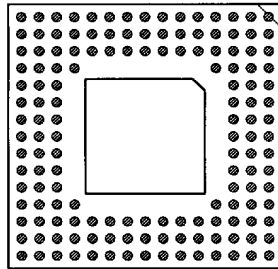


148 PINS
PATTERN 1544

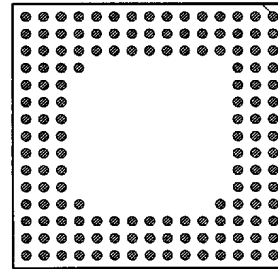
15



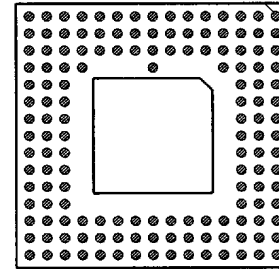
148 PINS
PATTERN 1520



148 PINS
PATTERN 1519

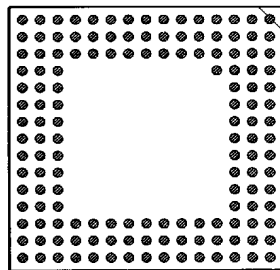


147 PINS
PATTERN 1543

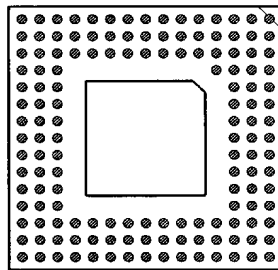


147 PINS
PATTERN 1542

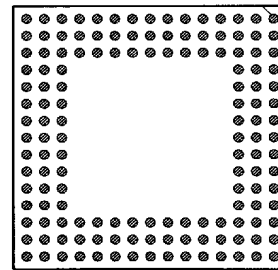
15



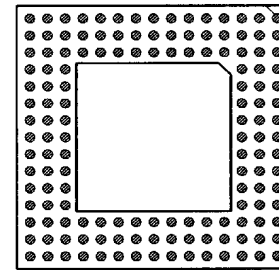
145 PINS
PATTERN 1522



145 PINS
PATTERN 1521

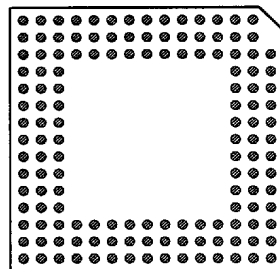


144 PINS
PATTERN 1524

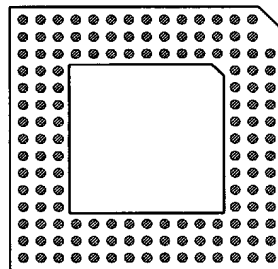


144 PINS
PATTERN 1523

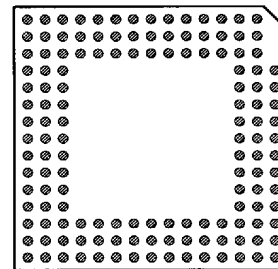
15



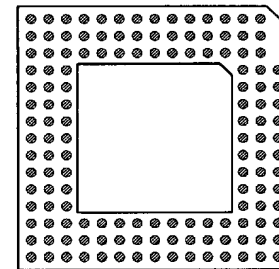
142 PINS
PATTERN 1526



142 PINS
PATTERN 1525

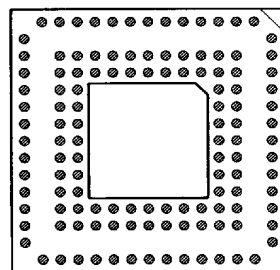


141 PINS
PATTERN 1528

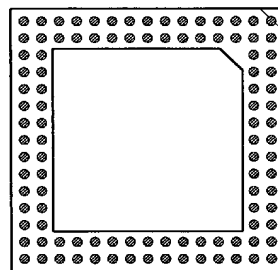


141 PINS
PATTERN 1527

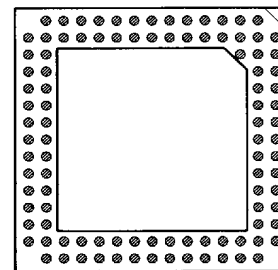
15



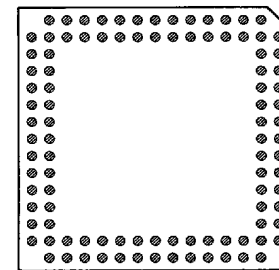
124 PINS
PATTERN 1541



104 PINS
PATTERN 1540

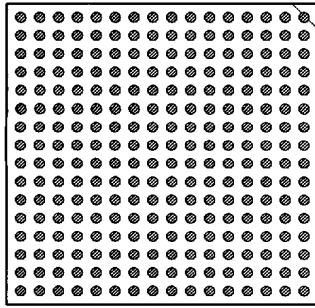


101 PINS
PATTERN 1539

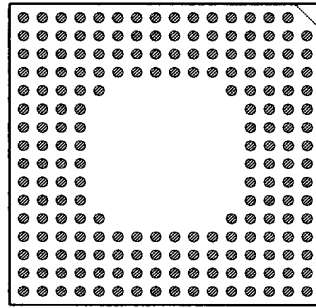


100 PINS
PATTERN 1530

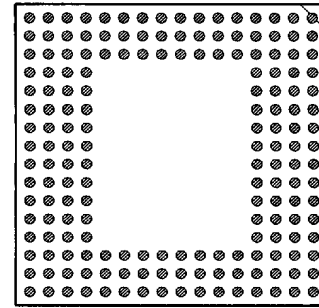
15



256 PINS
PATTERN 1601

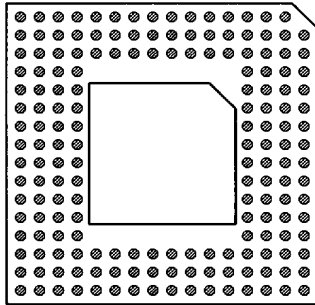


195 PINS
PATTERN 1612

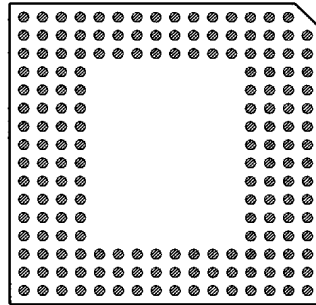


176 PINS
PATTERN 1611

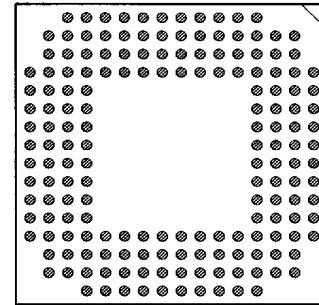
16



175 PINS
PATTERN 1605

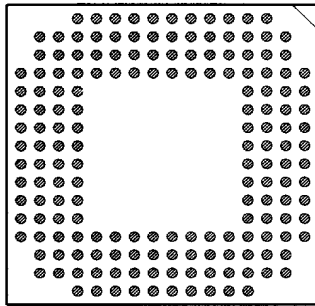


175 PINS
PATTERN 1604

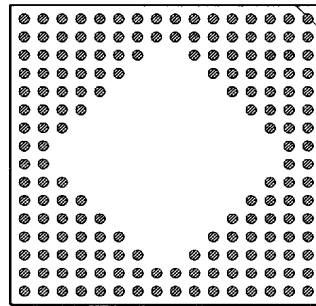


173 PINS
PATTERN 1610

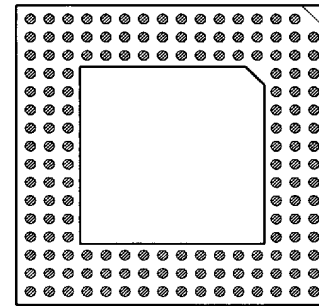
16



173 PINS
PATTERN 1609

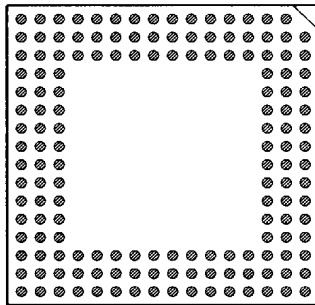


172 PINS
PATTERN 1602

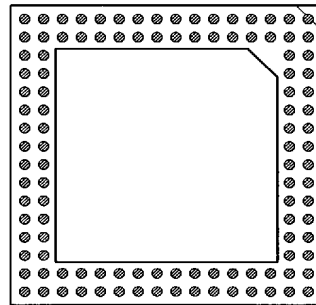


155 PINS
PATTERN 1608

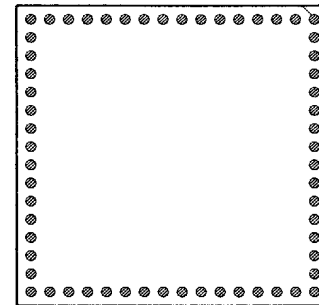
16



155 PINS
PATTERN 1606



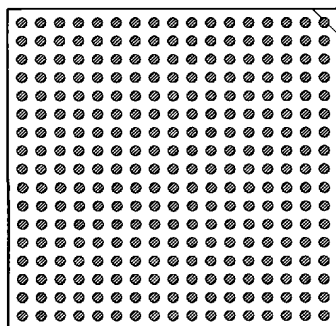
112 PINS
PATTERN 1607



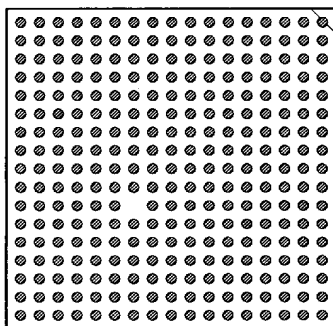
60 PINS
PATTERN 1603

16

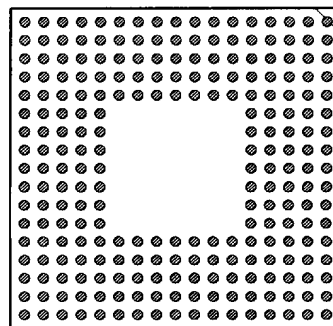
17



289 PINS
PATTERN 1701

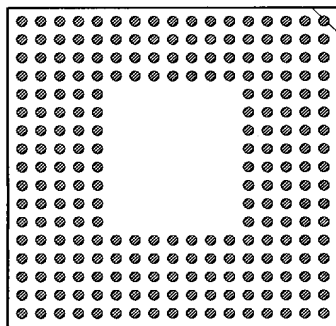


288 PINS
PATTERN 1725

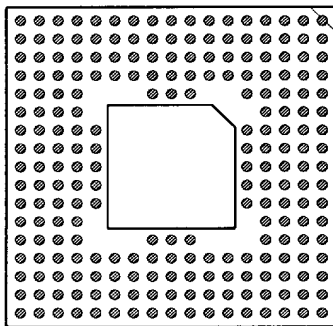


240 PINS
PATTERN 1724

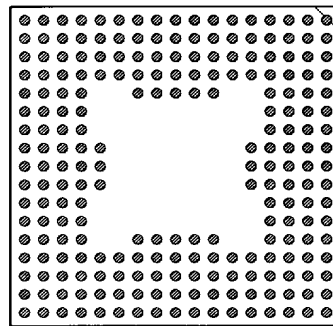
17



233 PINS
PATTERN 1736

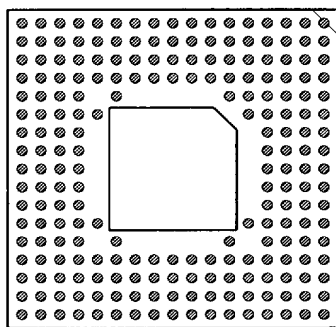


225 PINS
PATTERN 1735

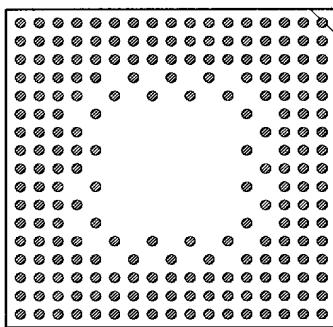


224 PINS
PATTERN 1734

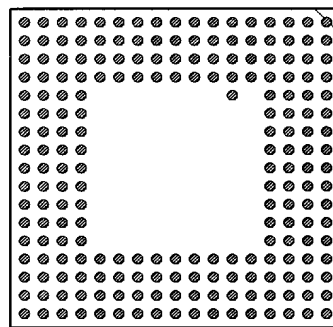
17



217 PINS
PATTERN 1733

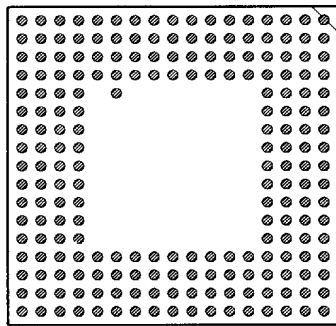


209 PINS
PATTERN 1732

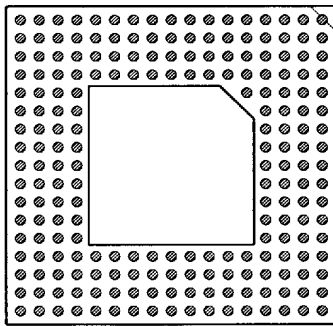


209 PINS
PATTERN 1731

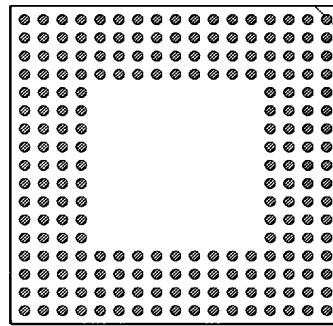
17



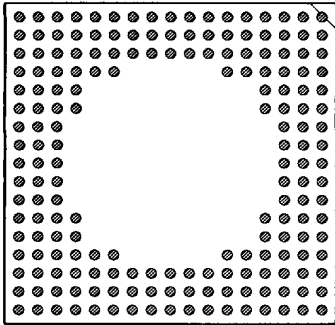
209 PINS
PATTERN 1730



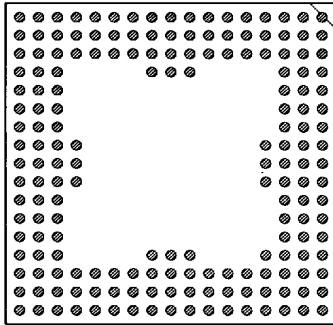
209 PINS
PATTERN 1729



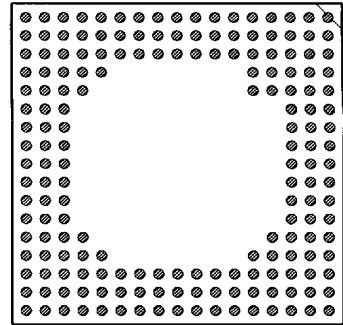
208 PINS
PATTERN 1728



188 PINS
PATTERN 1727

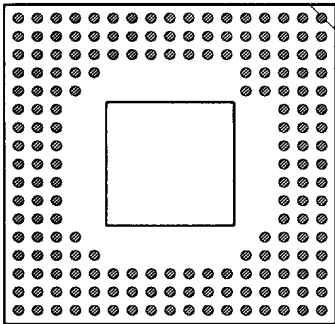


181 PINS
PATTERN 1726

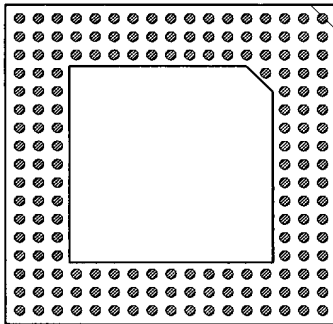


181 PINS
PATTERN 1714

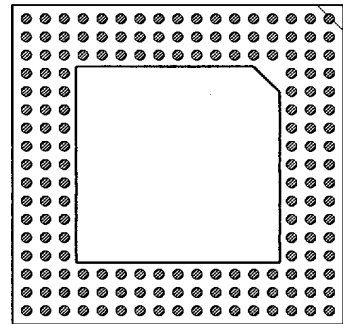
17



181 PINS
PATTERN 1713

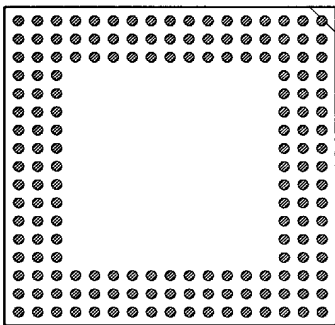


169 PINS
PATTERN 1709

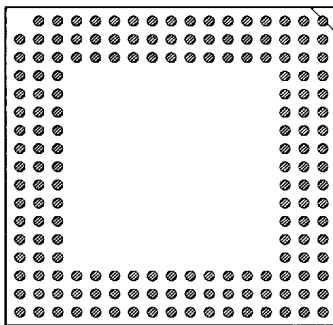


168 PINS
PATTERN 1712

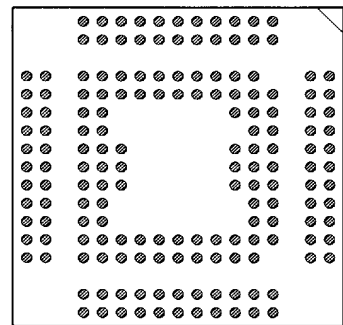
17



168 PINS
PATTERN 1711

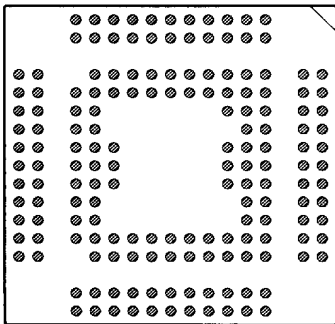


167 PINS
PATTERN 1723

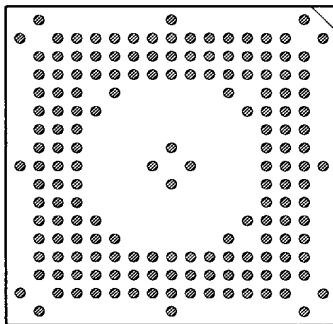


165 PINS
PATTERN 1722

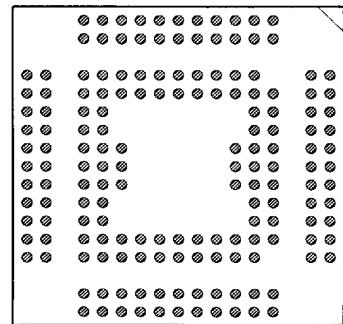
17



165 PINS
PATTERN 1721



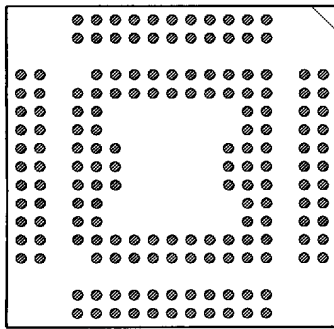
165 PINS
PATTERN 1720



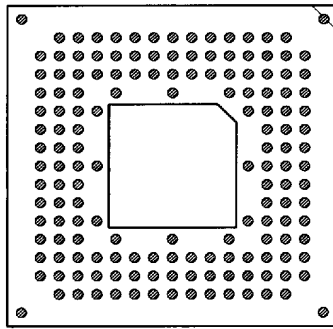
164 PINS
PATTERN 1719

17

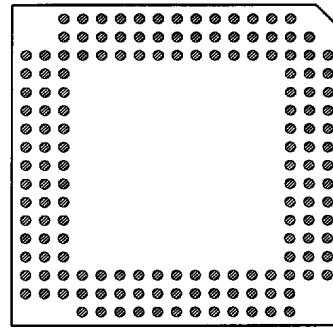
17



164 PINS
PATTERN 1718

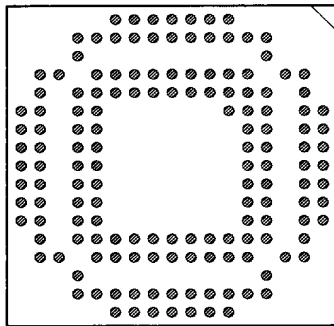


157 PINS
PATTERN 1717

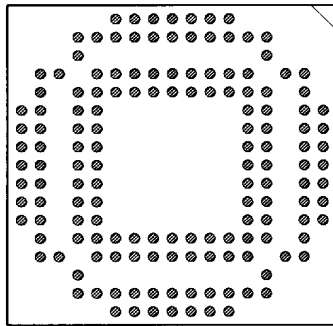


154 PINS
PATTERN 1706

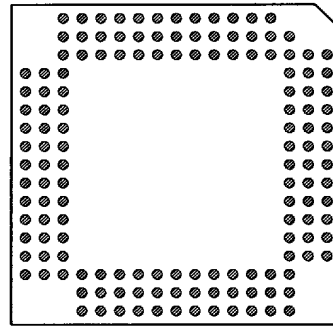
17



149 PINS
PATTERN 1716

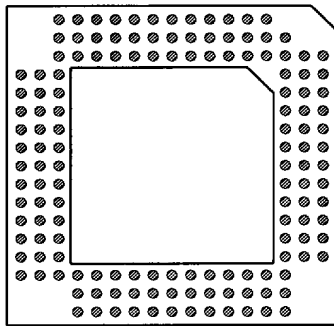


148 PINS
PATTERN 1715

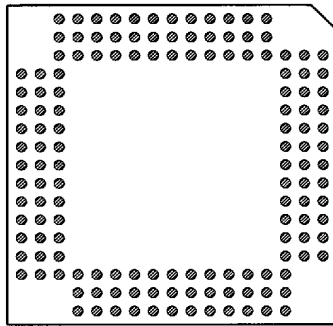


145 PINS
PATTERN 1703

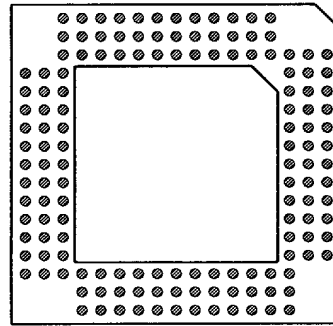
17



145 PINS
PATTERN 1702

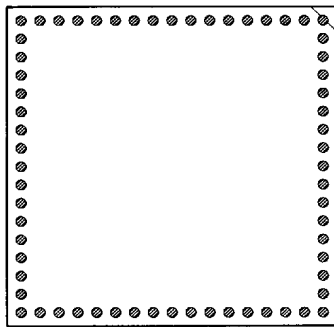


144 PINS
PATTERN 1705



144 PINS
PATTERN 1704

17



64 PINS
PATTERN 1707

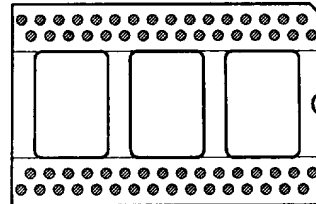
**QUIP SOCKET
OPEN FRAME**

Features

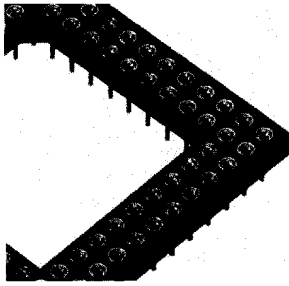
64 position open frame insulator
molded from black glass filled
polyester, UL94V-0
Low insertion force beryllium
copper contacts with 10μ IN
selective gold plating
Consult factory for optional
platings

Part Numbers

Solder Tail: CA-Q64MS-1C-L
2 Lvl Wrap: CA-Q64MS-2WC-L
3 Lvl Wrap: CA-Q64MS-3WC-L



A-14-11



SCREW MACHINE SOCKET CONTACTS

Features

Socket contact is available in solder tail and wrap tail configurations
Optional low insertion force contact features a 6-finger clip

Specifications

Environmental

Temperature Range:
-55°C to +125°C

Mechanical

Contact Material:

Beryllium Copper

Sleeve Material:

Brass

Contact Plating:

Standard (suffix "C")

Contact: 10µ IN gold

Sleeve: 200µ IN tin

Optional

Consult factory for optional platings

Contact Insertion Force:

Standard

7.0 oz [1.9 N] TYP

Low (suffix "-L")

2.8 oz [0.8 N] TYP

Contact Extraction Force:

3.4 oz [1.0 N] TYP

Low (suffix "-L")

1.4 oz [0.4 N] TYP

Measured with .018 [0.46] dia. pin

Recommended Mating Pin Size:

.015 [0.38] to

.022 [0.56] dia. pin

Electrical

Current Rating:

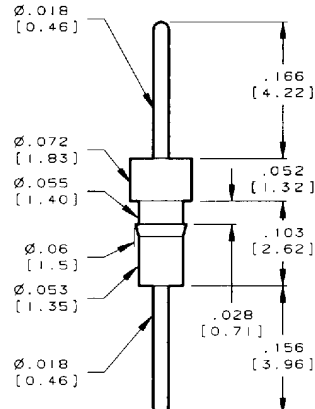
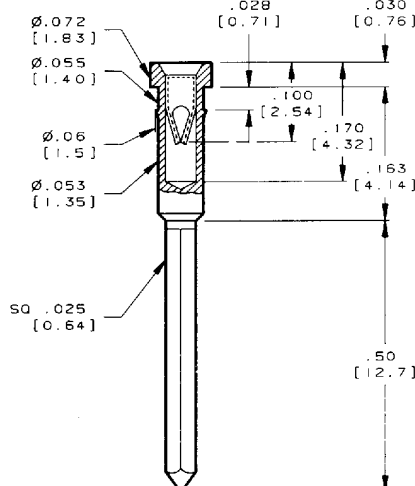
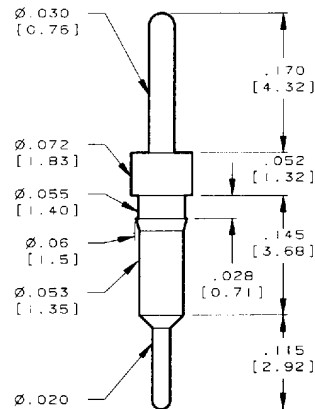
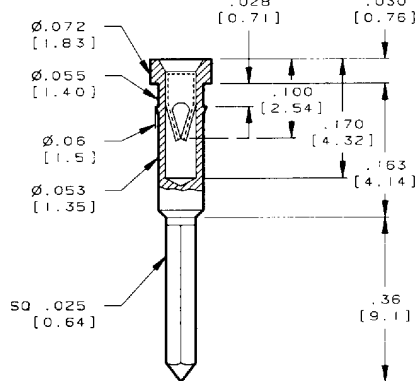
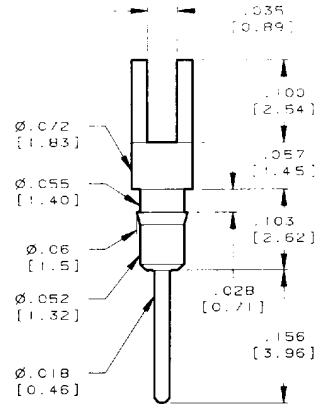
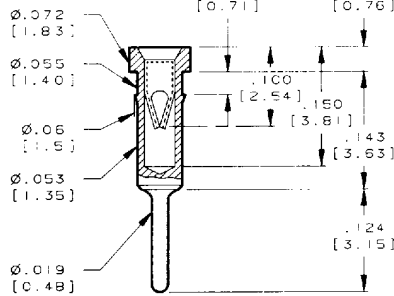
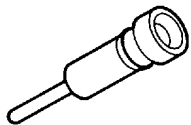
3 AMP

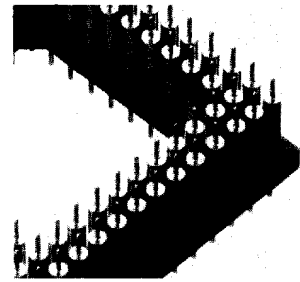
Dielectric Withstanding

Voltage: 300 Vrms

Contact Resistance:

< 5 milliohms TYP





**SCREW MACHINE
PLUG
CONTACTS**

Features

Plug contacts are available in many different styles and lengths

Specifications

Environmental

Temperature Range:
-55°C to +125°C

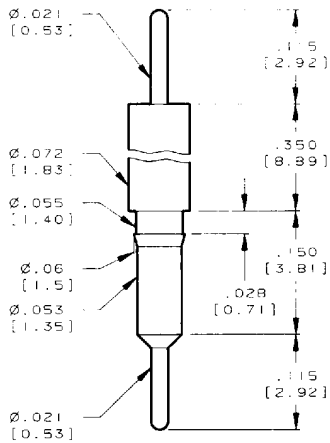
Mechanical

Contact Material:
Brass

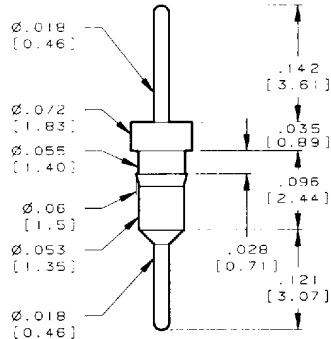
Contact Plating:
(suffix "B")
10µ IN gold

Electrical

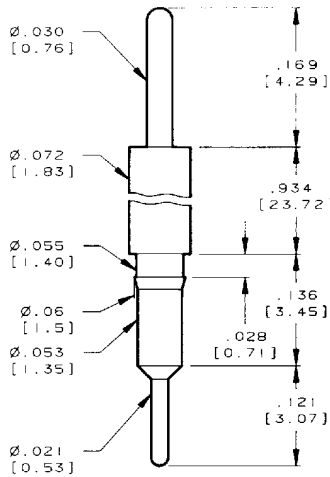
Current Rating:
3 AMP
Dielectric Withstanding
Voltage: 300 Vrms



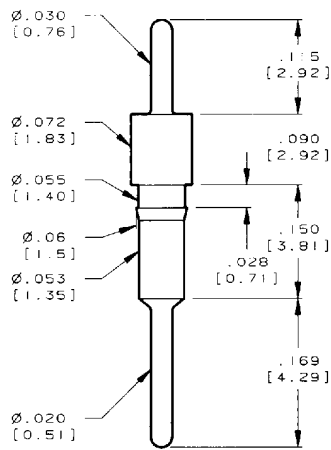
MP - J I



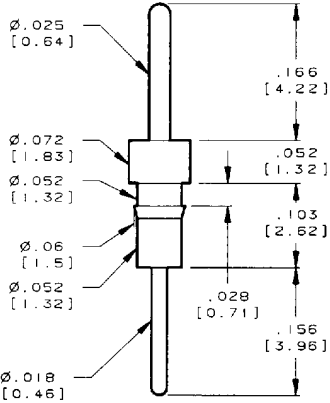
MP - F I



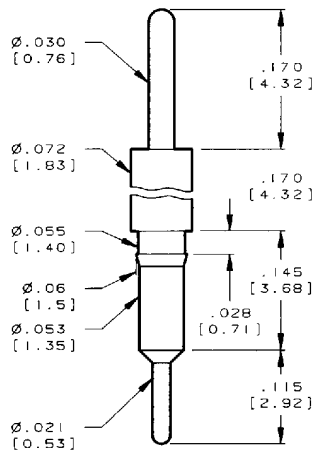
MP - M I



MP - G I



MP - N I



MP - H I

