ACCUTEK
MICROCIRCUIT CORPORATION

Quad Flat Package (QFP)
DIP or PGA Adapters

DIP or PGA ADAPTER MODULES ELIMINATE THE NEED TO REDESIGN MOTHERBOARDS OR MAY BE USED FOR BREADBOARD PROTOTYPING

DESCRIPTION

This new family of Accutek QFP Adapter Modules converts surface mount IC's to pin compatible DIP packages for creating drop-in replacements for end-of-life DIP IC's. Package types supported are: QFP (Quad Flat Package).

These Adapters were developed for users with motherboard designs that require DIP's, now obsolete by manufacturers. These adapter modules save costly motherboard redesigns.

Available with machined or flat stamped contact pins. Accutek Adapter Modules feature 32 to 208 pins, are fully assembled and tested and may include a decoupling capacitor. These Adapters can be manufactured turnkey or from customer supplied surface mount IC's. Modules range in length from 1.600" to 5.00" depending on number of pins, and incorporate 0.300", 0.600" and 0.900" row-to-row spacing with 0.100" lead spacing. Some adapters are square Pin Grid Arrays (PGS'a).

Custom configurations up to 300 pins, multi-chip and double sided modules are also available for special functions. A variety of pin lengths with varying diameters as well as custom sizes and spacing can be specified with different materials and finishes. All modules are designed in-house using PCB CAD workstations. Automated assembly and 100% testing are also performed in-house.

FEATURES

- Saves costly redesign of current motherboards
- Fully tested with lifetime limited warranty
- May include an on board decouling capacitor
- IC assembly and testing available
- EPROM and Flash programming available
- Custom lead lengths available
- Custom multi-chip and double-sided modules available

ORDERING OPTIONS

- Adapter only
- Customer supplies chips - Accutek assembles on Accutek adapters, tests and delivers finished product in antistatic tubes.
- Complete turnkey - Accutek purchases IC's and passives. Then assembles, tests and delivers finished product in antistatic tubes.

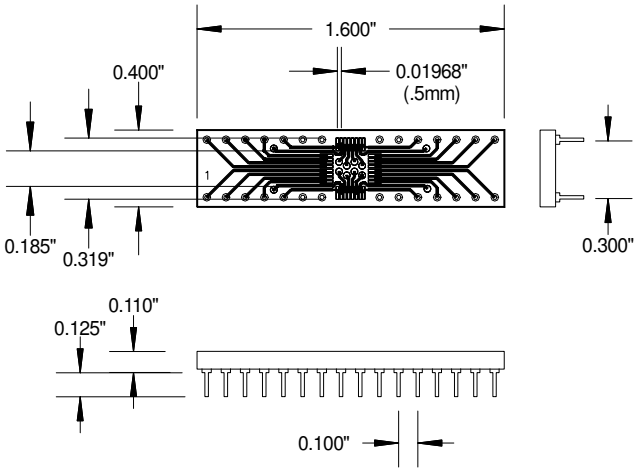
ACCUTEK
MICROCIRCUIT CORPORATION
5 NEW PASTURE ROAD
NEWBURYPORT, MA 01950-4040
PHONE: 978-465-6200 FAX: 978-462-3396
Email: sales@accutekmicro.com
Internet: www.accutekmicro.com

We can assemble your chips on to our adapter boards. Fully automated assembly and test at our Newburyport, Massachusetts facility.

No job to large or small.

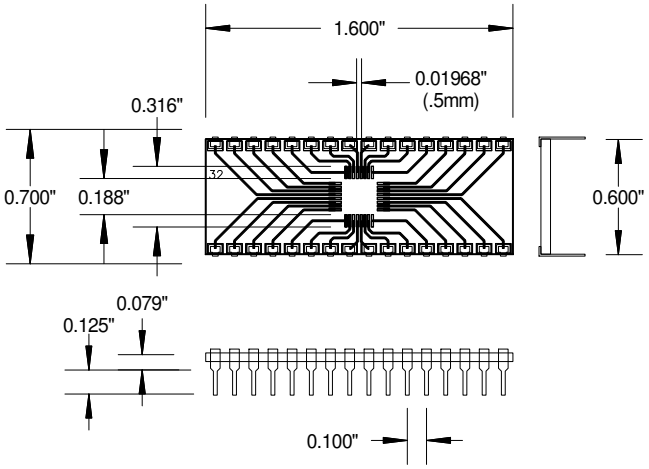
AK32D300-QFP5X5

32 PIN QFP 5x5mm TO DIP300



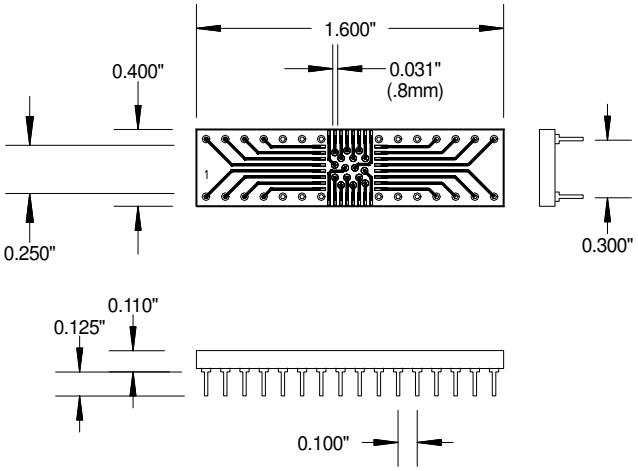
AK32D600-QFP5X5

32 PIN 0.5mm PITCH QFP 5x5mm TO DIP600



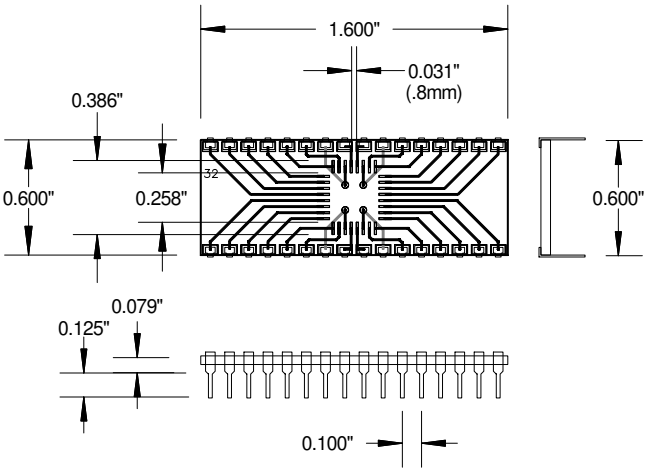
AK32D300-QFP7X7

32 PIN QFP 7x7mm TO DIP300



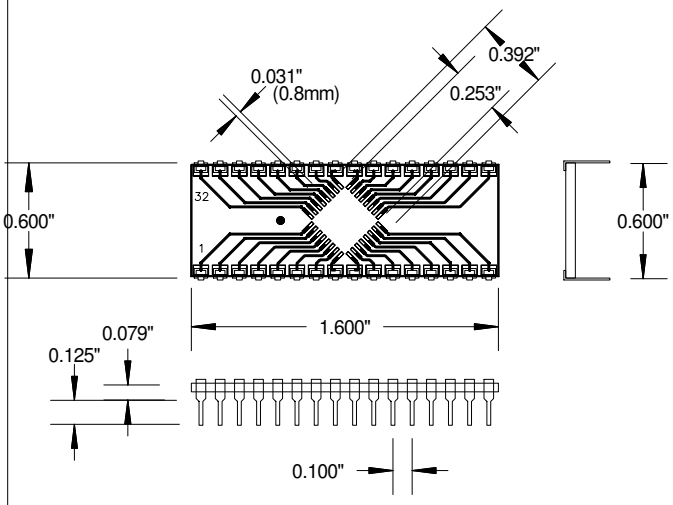
AK32D600-QFP7X7

32 PIN 0.8mm PITCH QFP 7x7mm TO DIP600

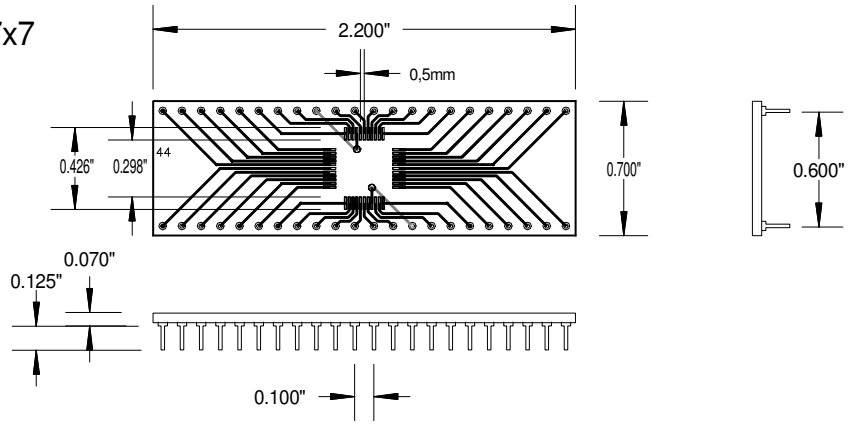


AK32D600-QFP7X7-A1-1

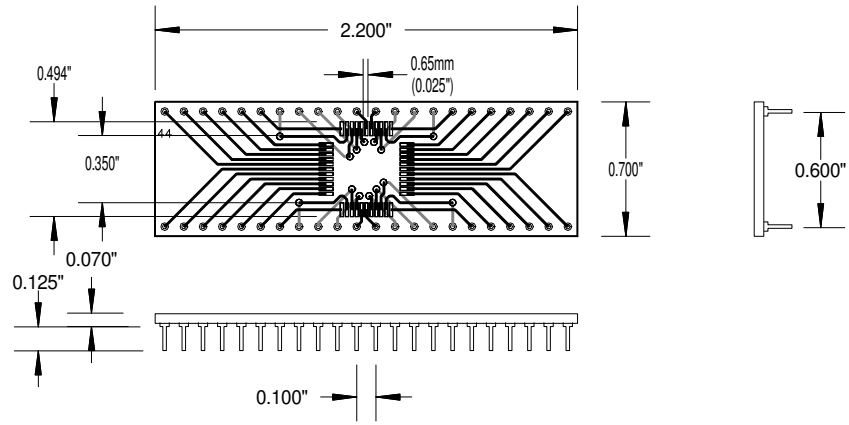
32 PIN 0.8mm PITCH QFP 7x7mm TO DIP600



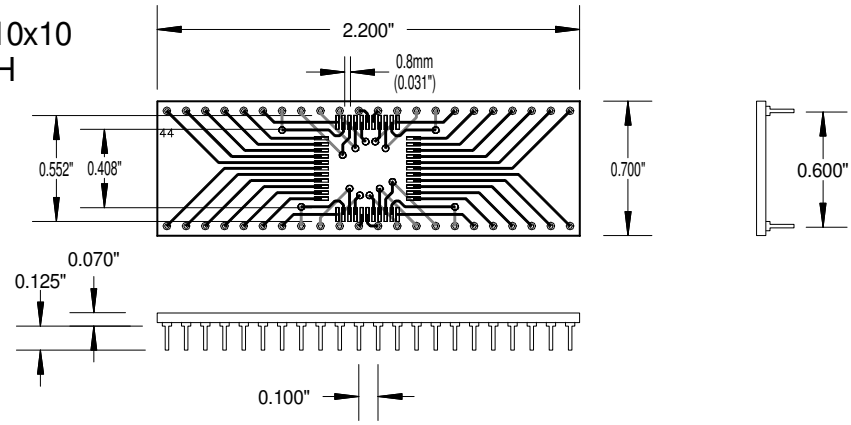
AK44D600-QFP .5mm 7x7
7x7 QFP .5mm PITCH
TO 44 PIN DIP



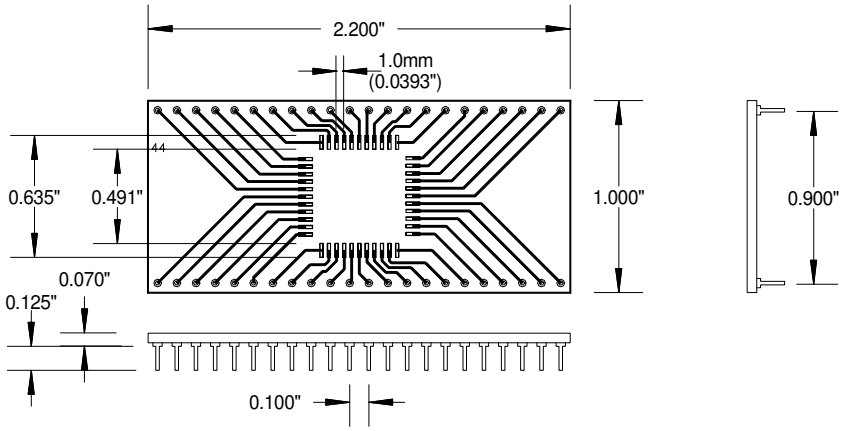
AK44D600-QFP .65mm
QFP .65mm PITCH
TO 44 PIN DIP



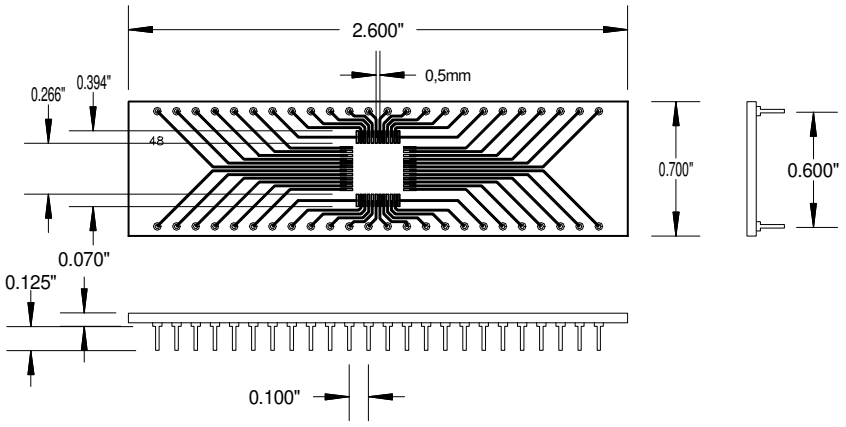
AK44D600-QFP .8mm 10x10
10x10 QFP .8mm PITCH
TO 44 PIN DIP



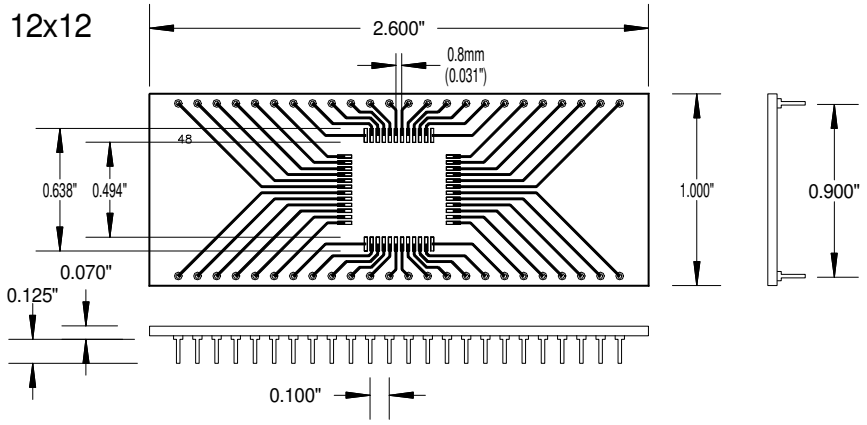
AK44D900-QFP 1.0mm
QFP 1.0mm PITCH
TO 44 PIN DIP



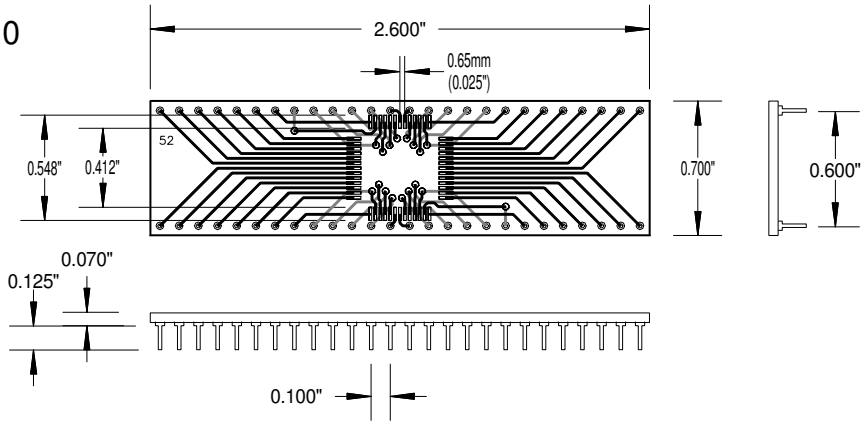
AK48D600-QFP .5mm 7x7
7x7 QFP .5mm PITCH
TO 48 PIN DIP



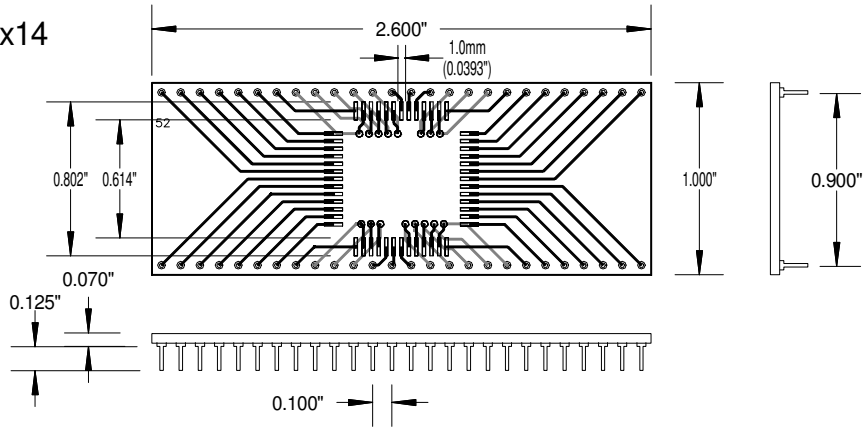
AK48D900-QFP .8mm 12x12
QFP 0.8mm PITCH
TO 48 PIN DIP



AK52D600-QFP .65mm 10x10
10x10 QFP .65mm PITCH
TO 52 PIN DIP

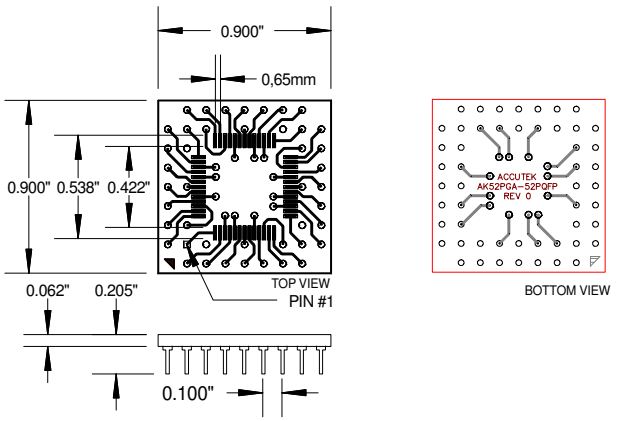


AK52D900-QFP 1.0mm 14x14
QFP 1.0mm PITCH
TO 52 PIN DIP



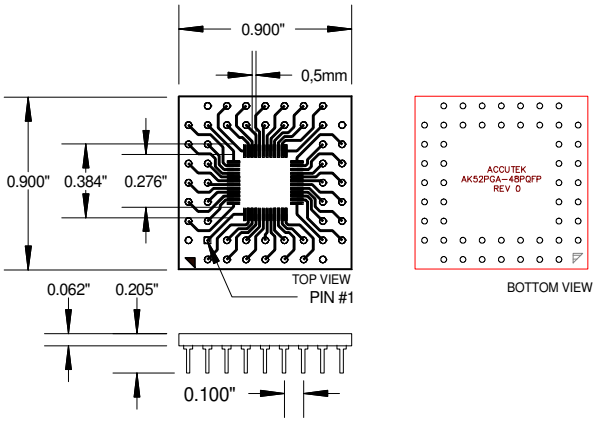
AK52PGA-52PQFP

52 PIN PQFP TO PIN GRID ARRAY



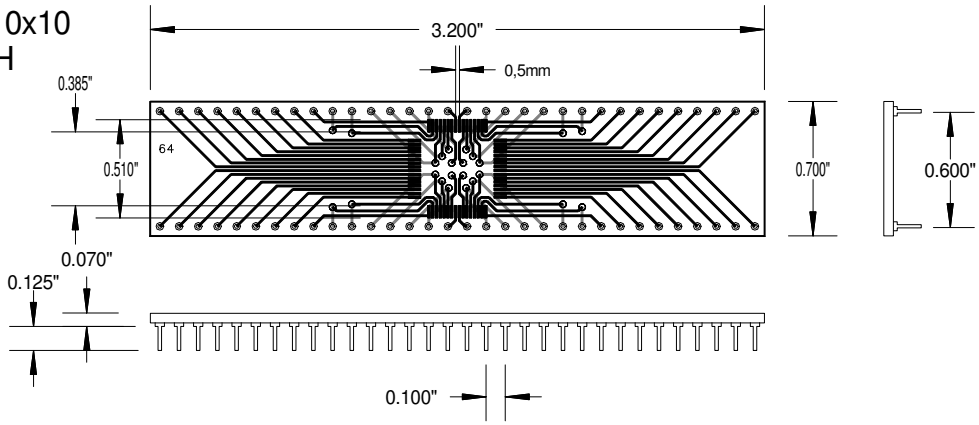
AK52PGA-48PQFP

48 PIN PQFP TO 52 PIN GRID ARRAY



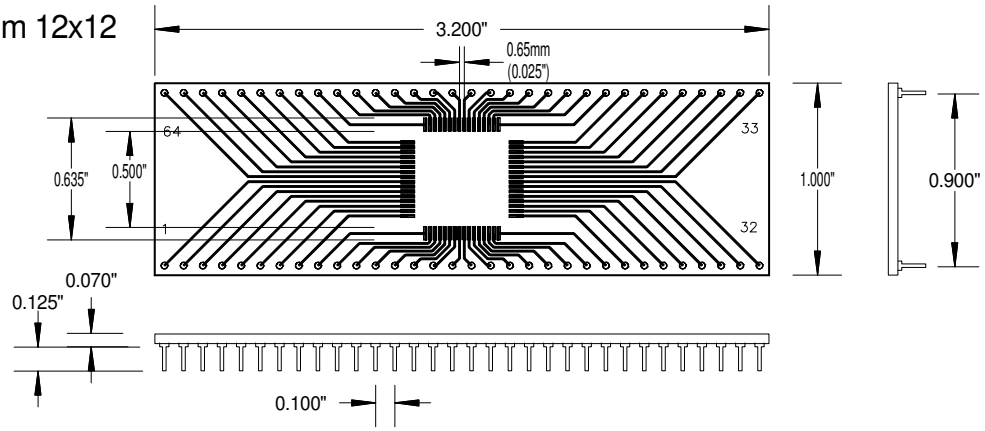
AK64D600-QFP .5mm 10x10

10x10 QFP .5mm PITCH
TO 64 PIN DIP



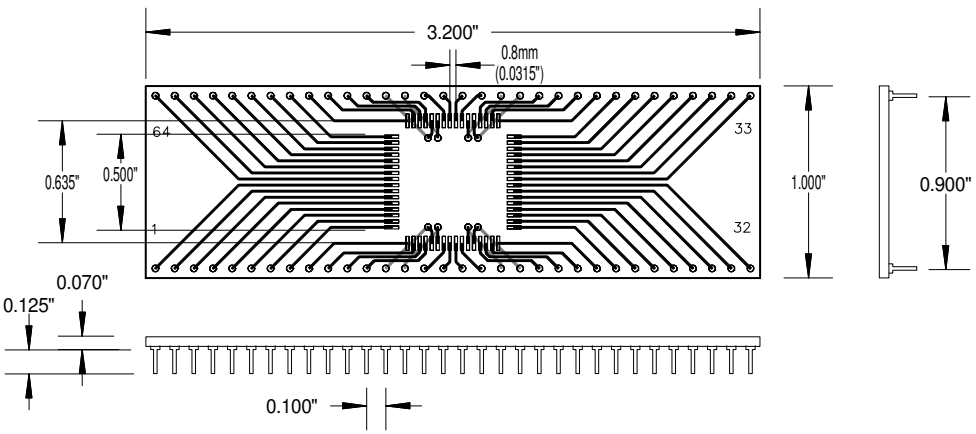
AK64D900-QFP .65mm 12x12

QFP 0.65mm PITCH
TO 64 PIN DIP

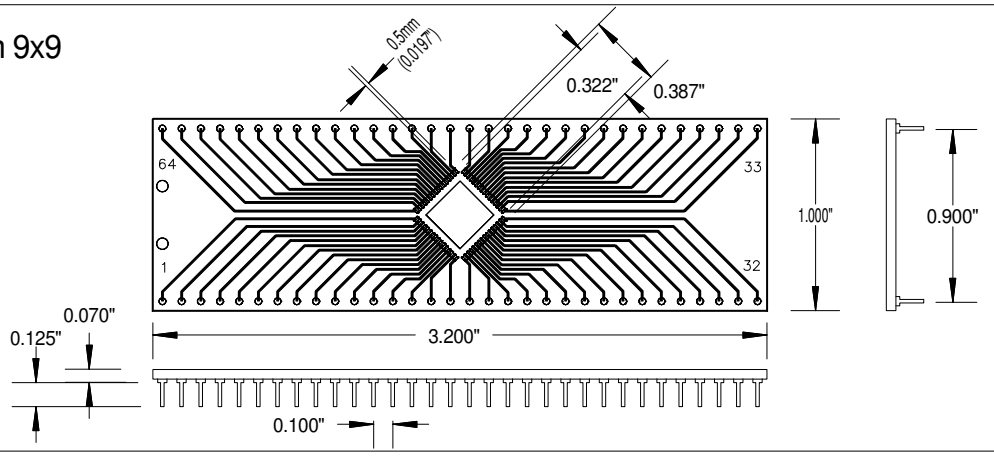


AK64D900-QFP .8mm

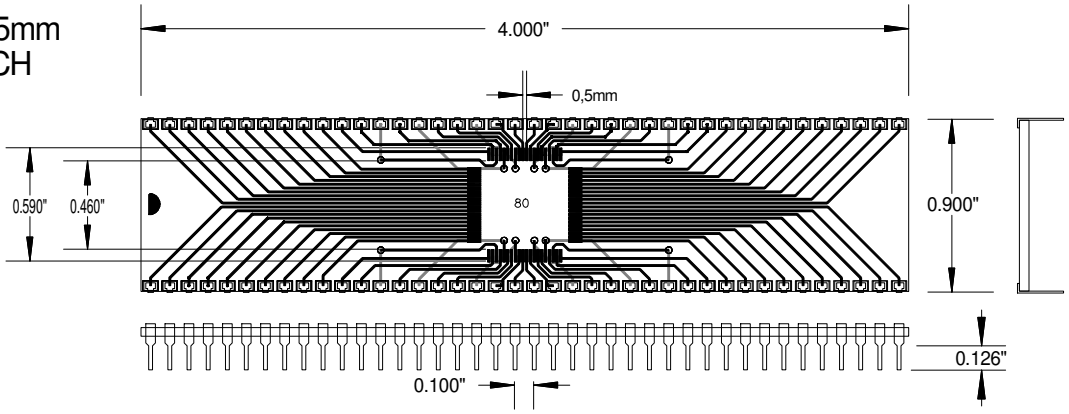
QFP 0.8mm PITCH
TO 64 PIN DIP



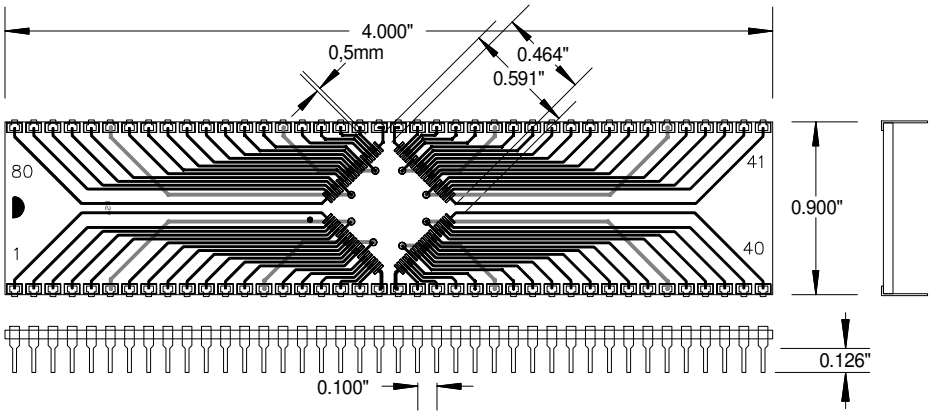
AK64D900-LGA .5mm 9x9
LGA 0.5mm PITCH
TO 64 PIN DIP



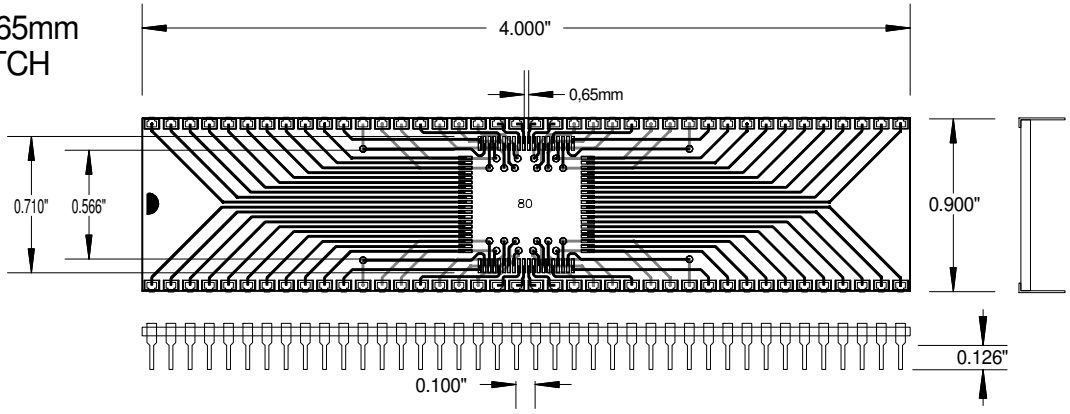
AK80D900-QFP.5mm
QFP 0.5mm PITCH
TO 80 PIN DIP



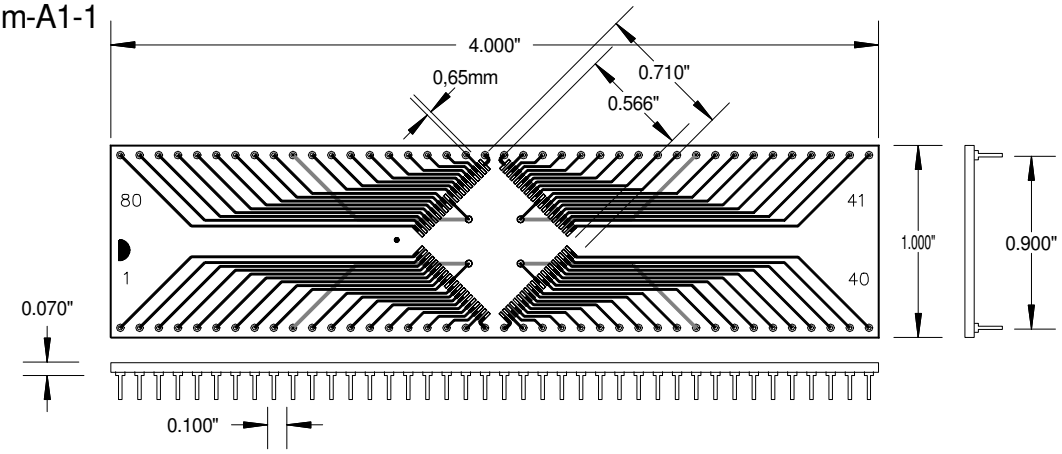
AK80D900-QFP.5mm-A1-1
QFP 0.5mm PITCH
TO 80 PIN DIP



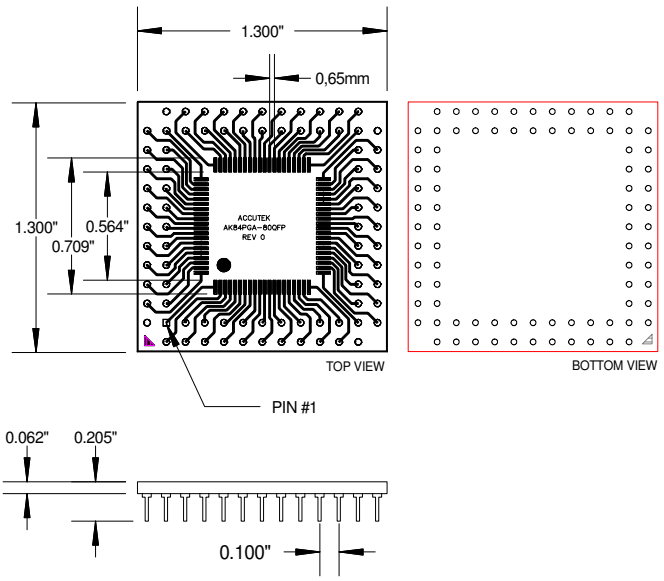
AK80D900-QFP.65mm
QFP 0.65mm PITCH
TO 80 PIN DIP



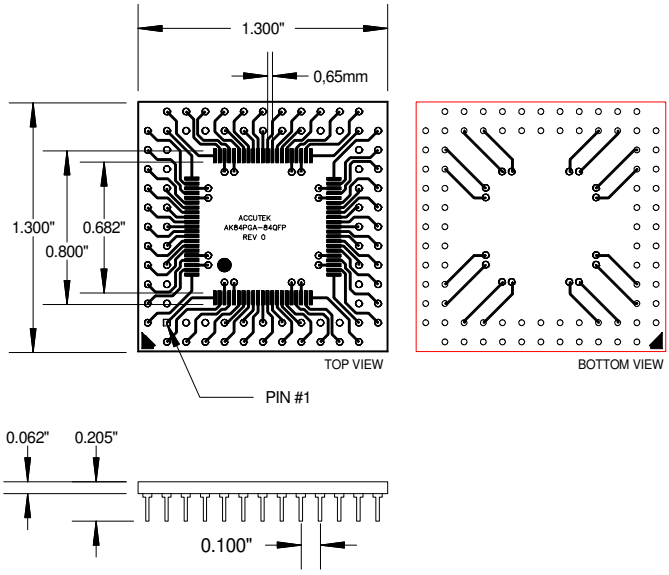
AK80D900-QFP.65mm-A1-1
QFP 0.65mm PITCH
TO 80 PIN DIP



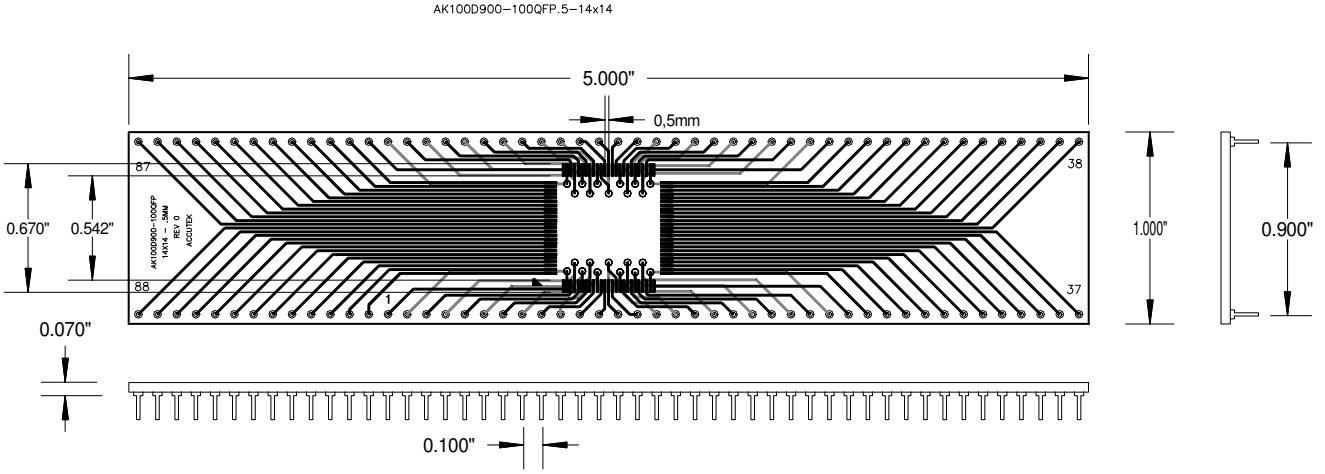
AK84PGA-80QFP
80 PIN QFP TO 84 PIN GRID ARRAY



AK84PGA-84QFP
84 PIN QFP TO 84 PIN GRID ARRAY

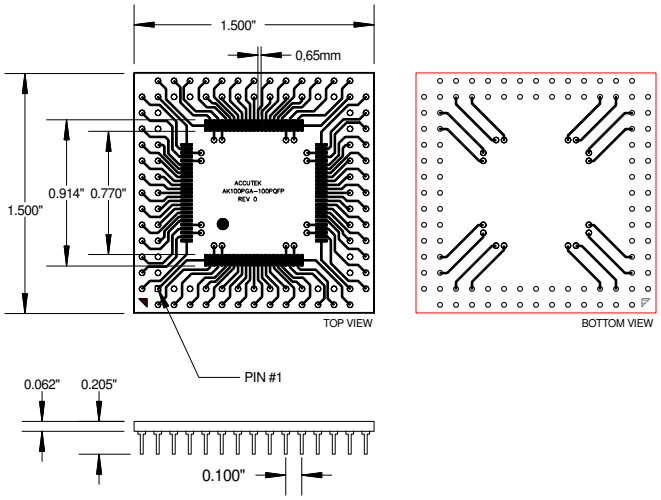


AK100D900-100QFP .5mm 14x14
100 PIN QFP 0.5mm PITCH
TO 100 PIN DIP



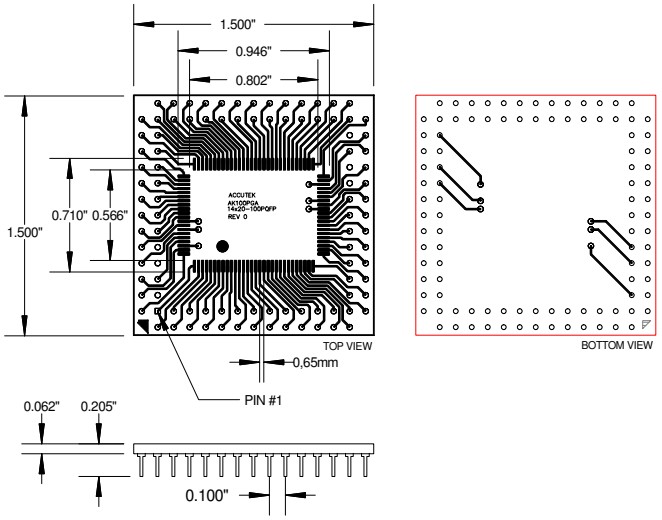
AK100PGA-100PQFP.65MM

100 PIN .65MM PITCH PQFP TO PIN GRID ARRAY



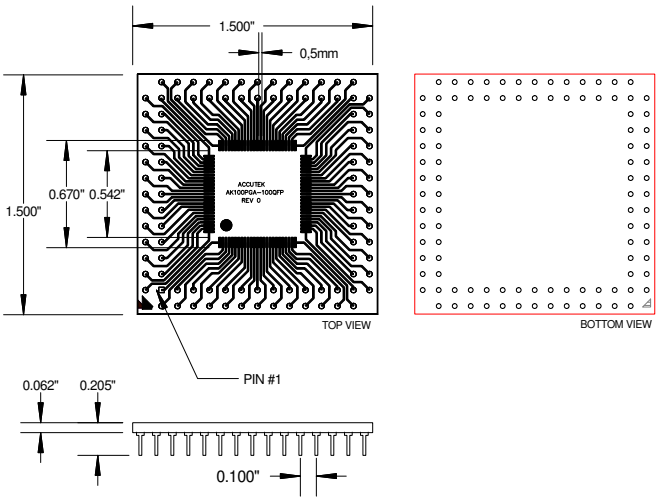
AK100PGA-14x20-100PQFP

100 PIN 14x20 0.65MM PITCH PQFP TO PIN GRID ARRAY



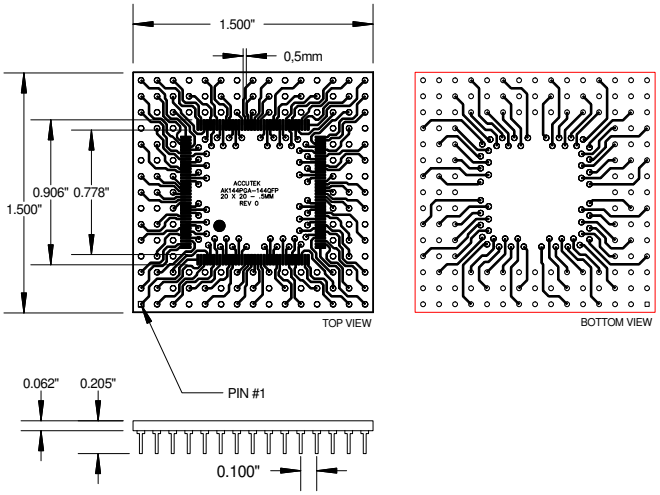
AK100PGA-100QFP.5MM 14X14

100 PIN 14 x 14 0.5MM PITCH QFP TO PIN GRID ARRAY



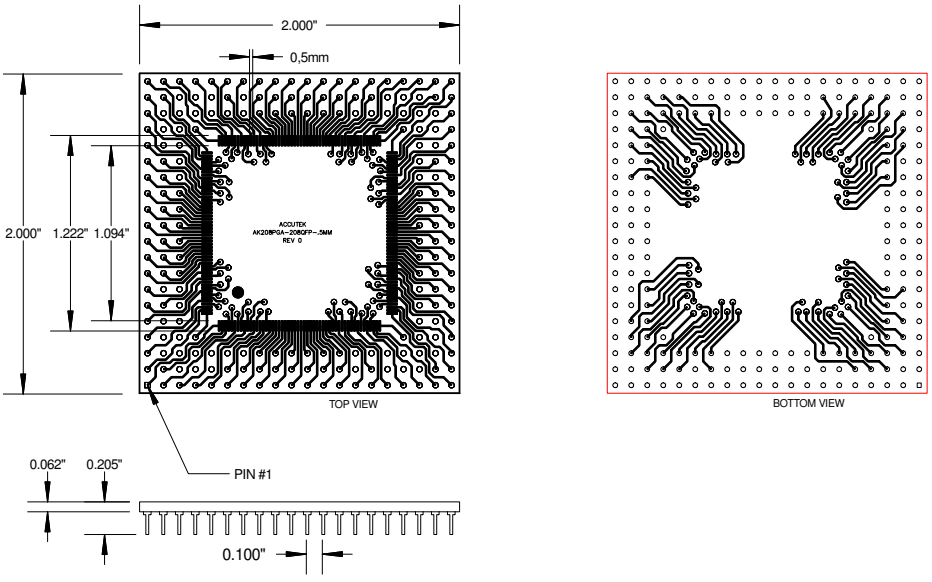
AK144PGA-144QFP.5MM 20x20

144 PIN 20x20 0.5MM PITCH QFP TO PIN GRID ARRAY



AK208PGA-208QFP.5MM

208 PIN .5MM QFP TO PIN GRID ARRAY



SPECIAL APPLICATION ADAPTERS

160 PIN PGA BOARD
(for attachment of 160 Pin PQFP
Microprocessor Chips)