
Package Drawing

Tqfp 32 Lead Plastic

5mm X 5mm 05 08

Thin Quad Flat Pack IC Package Drawing -
interfacebus

Packaging - Outlines and Dimensions

SECTION 11 PACKAGING - Microchip Technology

Packaging terminology - Texas Instruments

Quad Flat Package (QFP) - NXP Semiconductors

List of integrated circuit packaging types -
Wikipedia

Quad Flatpack No-Lead Logic Packages (Rev. D)

TQFP QFP Package - Amkor Technology

TQFP (Thin, 1.0mm) (SU-) | Design Center |
Analog Devices

Aprilog TQFP ZIF Sockets To QFP TQFP SMT
Component Site Pads

Package Drawing Tqfp 32 Lead

Thin Plastic Quad Flatpack Packages (TQFP)

Quad Flat Package - Wikipedia

Package Information Datasheet for Altera Devices

Packaging Specifications | Microchip Technology

Package Drawing - TQFP 32-Lead Plastic (5mm x
5mm) 05-08 ...

TQFP Drawings Library - TopLine

Package Outline Drawing - Renesas Electronics
32-Lead Plastic Thin Quad Flatpack (3BB) -

7x7x1.0 mm Body ...
PRG32 (TQFP 32) | IDT

Package
Drawing Tqfp
32 Lead
Plastic 5mm
X 5mm 05 08

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Thin Quad Flat Pack IC Package Drawing - interfacebus

Package Drawing Tqfp
32 Lead3. dimensions
of package do not
include mold flash.
mold flash shall not
exceed 0.25mm on any
side, if present 4. pin-1
indentifier is a molded
indentation 5. exact
shape of each corner is
optional 6. drawing is
not to scale see note: 4
see note: 5 lu package
32-lead plastic tqfp
(5mm · 5mm)
(reference ltc dwg #
05-08-1735 rev Ø)
r0.08 - 0 ...Package
Drawing - TQFP 32-
Lead Plastic (5mm x
5mm) 05-08 ...Plastic
Packages for

Integrated Circuits
Package Outline
Drawing Q32.5X5A 32
LEAD THIN PLASTIC
QUAD FLATPACK
PACKAGE (TQFP) Rev
1, 10/11 BOTTOM VIEW
SIDE VIEW DETAIL "A"
TYPICAL
RECOMMENDED LAND
PATTERN TOP VIEW
NOTES: 1. Controlling
Dimension; Millimeter,
converted inch
dimensions are not
necessarily exact.
2.Package Outline
Drawing - Renesas
Electronics32 LEAD
THIN PLASTIC QUAD
FLATPACK PACKAGE
SYMBOL INCHES
MILLIMETERS MIN MAX
MIN MAX NOTES A -
0.047 - 1.20 - ...
Q32.7x7 Package
Outline Drawing
Keywords: Q32.7x7, 32
lead thin plastic quad

flatpack package,
TQFP, package outline
drawing, POD ...Thin
Plastic Quad Flatpack
Packages
(TQFP)Microchip
Technology Drawing
C04-21017 Rev A
Sheet 2 of 2 32-Lead
Plastic Thin Quad
Flatpack (3BB) -
7x7x1.0 mm Body
[TQFP] Atmel Legacy
Global Package Code
ANX32-Lead Plastic
Thin Quad Flatpack
(3BB) - 7x7x1.0 mm
Body ...Thin Quad Flat
Package, Body
Thickness 1.0mm
(Package Drawing SU-)
Filter packages by
entering lead count or
product description
into the search box
below: Package ... 32-
Lead TQFP (7mm x
7mm x 1mm) (su-32-2)
pdf. Outline pdf. pdf.
Material Information
...TQFP (Thin, 1.0mm)
(SU-) | Design Center |

Analog DevicesA wide
range of body sizes
and lead counts make
this a versatile solution
for many applications.
TQFP packages are
particularly valuable
for applications
requiring broad
performance
characteristics.
Applications include
computing,
video/audio, gaming,
data acquisition, office
equipment,
automotive, industrial,
storage and
communications.TQFP
QFP Package - Amkor
TechnologyTQFP
Drawings Library
www.TopLine.tv
Outline Drawings
email: info@topline.tv
PC Board Land Patterns
Tel: 1-800-776-9888
Daisy Chain Net List
Part Number - Ordering
Instructions Part Series
Pitch Size Page Part
Series Pitch Size Page

TQFP32T19.7 0.5mm
 5mm 2 TQFP64T30
 0.8mm 14mm 29
 TQFP32T30 0.8mm
 7mm 5 TQFP80T15.7
 0.4mm 10mm 32TQFP
 Drawings Library -
 TopLine64-Lead Plastic
 Thin Quad Flatpack
 (PT) 10x10x1 mm
 Body, 1.0/0.10 mm
 Lead Form (TQFP).....
 102 64-Lead Plastic
 Thin Quad Flatpack
 (PF) 14x14x1 mm
 Body, 1.0/0.10 mm
 Lead Form (TQFP).....
 103 80-Lead Plastic
 Thin Quad Flatpack
 (PT) 12x12x1 mm
 Body, 1.0/0.10 mm
 Lead Form (TQFP).....
 104 80-Lead Plastic
 Thin Quad Flatpack
 (PF) 14x14x1 mm
 Body, 1.0 ...Packaging -
 Outlines and
 Dimensionsdesign
 starts with obtaining
 the correct package
 drawing. Package Case
 Outline (PCO) drawings

are available at
www.nxp.com. Follow
 the procedures in
 Section 9.2 "Retrieving
 package outline
 drawing, MCD and MSL
 rating". An example of
 a case outline drawing
 is shown in Figure 3.
 The goal is a well
 soldered QFP gull wing
 lead, as is shown in
 Figure 4. Quad Flat
 Package (QFP) - NXP
 Semiconductorsacrony
 m, leadframe material,
 lead finish (plating),
 JEDEC outline
 reference, lead
 coplanarity, weight,
 moisture sensitivity
 level, and other special
 information.
 ThePackage
 Information Datasheet
 for Altera
 DevicesMicrochip
 Technology Inc.
 products are available
 in a broad range of
 packages, from the
 tiny 3-lead SC-70 to

the 144-pin TQFP, and almost everything in between. Options include small outline packages such as wafer level chip scale (CSP), Ultra-Dual Flat No Lead (UDFN), Ultra-Quad Flat No Lead (UQFN), plastic Shrink Small Outline (SSOP), plastic ...Packaging Specifications | Microchip TechnologyStandard search with a direct link to product, package, and page content when applicable. Enter a competitor's part number for list of IDT-compatible parts. Enter a package ID or package type to search IDT's database.PRG32 (TQFP 32) | IDTTQFP packages range from 32 pins with a 0.8 mm lead pitch, in a package 5 mm by 5 mm by 1 mm thick, to

256 pins, 28 mm square, 1.4 mm thick and a lead pitch of 0.4 mm. TQFPs help solve issues such as increasing board density, die shrink programs, thin end-product profile and portability.Quad Flat Package - WikipediaIntegrated circuits are put into protective packages to allow easy handling and assembly onto printed circuit boards and to protect the devices from damage. A very large number of different types of package exist. Some package types have standardized dimensions and tolerances, and are registered with trade industry associations such as JEDEC and Pro Electron.List of integrated circuit packaging types -

Wikipedia TQFP ZIF Socket to TQFP Surface Mount Component Site Adapters ; This is a two part adapter kit providing a way to temporarily plug SMT surface mount components to a circuit card under test. The bottom part (SMT base), is surface mounted to the PCB and replaces the component normally soldered to the PCB card solder pads.

Aprilog TQFP ZIF Sockets To QFP TQFP SMT Component Site Pads DS00049W-page 3 2003 Microchip Technology Inc. Packaging Diagrams and Parameters 8-Lead Ceramic Side Brazed Dual In-line with Window (JW) - 300 mil SECTION 11 PACKAGING - Microchip Technology Quad Flatpack No-Lead Logic

Packages 5 2 Physical Description 2.1 Package Characteristics Figure 1 shows the cross section of a generic QFN package. Figure 1. Cross Section of a Generic QFN Package Table 2 summarizes the package attributes for the 14-, 16-, and 20-pin QFN packages. Figures 2, 3, and 4 show dimensions on package outline drawings. Quad Flatpack No-Lead Logic Packages (Rev. D) TQFP Package. A Thin Quad Flat Pack device is a surface mount component that has its pins 'leads' folded out from its body in the shape of a 'L'. The type of lead is called a Gull-Wing terminal [shape]. The TQFP IC package is similar to the surface mount [Dual In-line] SOIC device because

both packages use a gull-wing shaped lead. The difference between the two is that a SOIC package has ...Thin Quad Flat Pack IC Package Drawing - interfaceusePOD Enhanced Package Online (Typically includes package outline, land pattern, and stencil design). Land pattern The pattern of solderable area on the PCB where a "no-lead" package may rest. Footprint The periphery leads and thermal pad of a "no-lead" package. Coplanarity The bottom surface of the package is parallel to the landing surface of ...Packaging terminology - Texas Instruments64-LEAD THIN QUAD FLAT PACKAGE, TQFP64 datasheet, TQFP64 circuit, TQFP64 data

sheet :
STMICROELECTRONICS, alldatasheet, datasheet, Datasheet search site for Electronic Components and Semiconductors, integrated circuits, diodes, triacs, and other semiconductors. Microchip Technology Drawing C04-21017 Rev A Sheet 2 of 2 32-Lead Plastic Thin Quad Flatpack (3BB) - 7x7x1.0 mm Body [TQFP] Atmel Legacy Global Package Code ANX

Packaging - Outlines and Dimensions

DS00049W-page 3
2003 Microchip Technology Inc. Packaging Diagrams and Parameters 8-Lead Ceramic Side Brazed Dual In-line with Window (JW) - 300 mil

SECTION 11 PACKAGING - Microchip

Technology

Thin Quad Flat Package, Body Thickness 1.0mm (Package Drawing SU-) Filter packages by entering lead count or product description into the search box below: Package ... 32-Lead TQFP (7mm x 7mm x 1mm) (su-32-2) pdf. Outline pdf. pdf. Material Information ... [Packaging terminology - Texas Instruments](#) design starts with obtaining the correct package drawing. Package Case Outline (PCO) drawings are available at www.nxp.com. Follow the procedures in Section 9.2 "Retrieving package outline drawing, MCD and MSL rating". An example of a case outline drawing is shown in Figure 3. The goal is a well soldered QFP gull wing

lead, as is shown in Figure 4. Plastic Packages for Integrated Circuits Package Outline Drawing Q32.5X5A 32 LEAD THIN PLASTIC QUAD FLATPACK PACKAGE (TQFP) Rev 1, 10/11 BOTTOM VIEW SIDE VIEW DETAIL "A" TYPICAL RECOMMENDED LAND PATTERN TOP VIEW NOTES: 1. Controlling Dimension; Millimeter, converted inch dimensions are not necessarily exact. 2. *Quad Flat Package (QFP) - NXP Semiconductors* Microchip Technology Inc. products are available in a broad range of packages, from the tiny 3-lead SC-70 to the 144-pin TQFP, and almost everything in between. Options include small outline packages such

as wafer level
chipscale (CSP), Ultra-
Dual Flat No Lead
(UDFN), Ultra-Quad Flat
No Lead (UQFN),
plastic Shrink Small
Outline (SSOP), plastic
...

**List of integrated
circuit packaging
types - Wikipedia**

64-Lead Plastic Thin
Quad Flatpack (PT)
10x10x1 mm Body,
1.0/0.10 mm Lead
Form (TQFP)..... 102
64-Lead Plastic Thin
Quad Flatpack (PF)
14x14x1 mm Body,
1.0/0.10 mm Lead
Form (TQFP)..... 103
80-Lead Plastic Thin
Quad Flatpack (PT)
12x12x1 mm Body,
1.0/0.10 mm Lead
Form (TQFP)..... 104
80-Lead Plastic Thin
Quad Flatpack (PF)
14x14x1 mm Body, 1.0
...

*Quad Flatpack No-Lead
Logic Packages (Rev.*

D)
Integrated circuits are
put into protective
packages to allow easy
handling and assembly
onto printed circuit
boards and to protect
the devices from
damage. A very large
number of different
types of package exist.
Some package types
have standardized
dimensions and
tolerances, and are
registered with trade
industry associations
such as JEDEC and Pro
Electron.

**TQFP QFP Package -
Amkor Technology**

A wide range of body
sizes and lead counts
make this a versatile
solution for many
applications. TQFP
packages are
particularly valuable
for applications
requiring broad
performance
characteristics.

Applications include computing, video/audio, gaming, data acquisition, office equipment, automotive, industrial, storage and communications.

TQFP (Thin, 1.0mm) (SU-) | Design Center | Analog Devices
 acronym, leadframe material, lead finish (plating), JEDEC outline reference, lead coplanarity, weight, moisture sensitivity level, and other special information. The Aprilog TQFP ZIF Sockets To QFP TQFP SMT Component Site Pads
 TQFP ZIF Socket to TQFP Surface Mount Component Site Adapters ; This is a two part adapter kit providing a way to temporarily plug SMT surface mount components to a circuit

card under test. The bottom part (SMT base), is surface mounted to the PCB and replaces the component normally soldered to the PCB card solder pads.

Package Drawing Tqfp 32 Lead

3. dimensions of package do not include mold flash. mold flash shall not exceed 0.25mm on any side, if present 4. pin-1 identifier is a molded indentation 5. exact shape of each corner is optional 6. drawing is not to scale see note: 4 see note: 5 lu package 32-lead plastic tqfp (5mm · 5mm) (reference ltc dwg # 05-08-1735 rev Ø) r0.08 - 0 ...

Thin Plastic Quad Flatpack Packages (TQFP)

TQFP packages range from 32 pins with a 0.8

mm lead pitch, in a package 5 mm by 5 mm by 1 mm thick, to 256 pins, 28 mm square, 1.4 mm thick and a lead pitch of 0.4 mm. TQFPs help solve issues such as increasing board density, die shrink programs, thin end-product profile and portability.

Quad Flat Package - Wikipedia

32 LEAD THIN PLASTIC QUAD FLATPACK PACKAGE SYMBOL INCHES MILLIMETERS MIN MAX MIN MAX NOTES A - 0.047 - 1.20 - ... Q32.7x7 Package Outline Drawing
Keywords: Q32.7x7, 32 lead thin plastic quad flatpack package, TQFP, package outline drawing, POD ...
Package Information Datasheet for Altera Devices
ePOD Enhanced

Package Online (Typically includes package outline, land pattern, and stencil design). Land pattern The pattern of solderable area on the PCB where a "no-lead" package may rest. Footprint The periphery leads and thermal pad of a "no-lead" package. Coplanarity The bottom surface of the package is parallel to the landing surface of ...
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Standard search with a direct link to product, package, and page content when applicable. Enter a competitor's part number for list of IDT-compatible parts. Enter a package ID or package type to search IDT's database.
Package Drawing - TQFP 32-Lead Plastic

(5mm x 5mm) 05-08 ...
 64-LEAD THIN QUAD
 FLAT PACKAGE,
 TQFP64 datasheet,
 TQFP64 circuit, TQFP64
 data sheet :
 STMICROELECTRONICS,
 alldatasheet,
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 Quad Flatpack No-Lead
 Logic Packages 5 2
 Physical Description
 2.1 Package
 Characteristics Figure
 1 shows the cross
 section of a generic
 QFN package. Figure 1.
 Cross Section of a
 Generic QFN Package
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20-pin QFN packages.
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 show dimensions on
 package outline
 drawings.

Package Outline Drawing - Renesas Electronics

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 Tel: 1-800-776-9888
 Daisy Chain Net List
 Part Number - Ordering
 Instructions Part Series
 Pitch Size Page Part
 Series Pitch Size Page
 TQFP32T19.7 0.5mm
 5mm 2 TQFP64T30
 0.8mm 14mm 29
 TQFP32T30 0.8mm
 7mm 5 TQFP80T15.7
 0.4mm 10mm 32
**32-Lead Plastic Thin
 Quad Flatpack (3BB)
 - 7x7x1.0 mm Body**
 ...
 Package Drawing Tqfp
 32 Lead

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