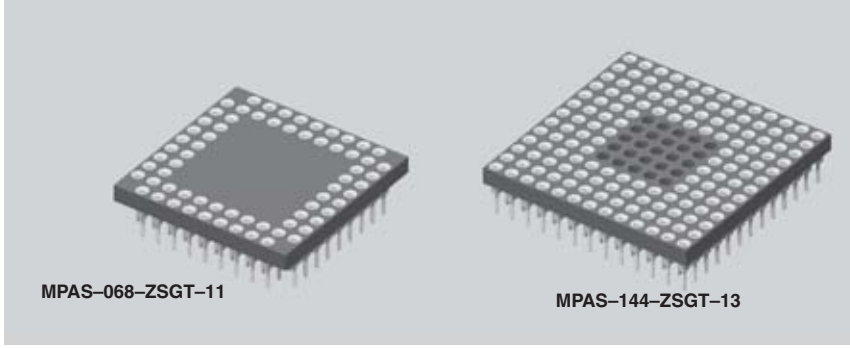




(2,54mm) .100"

MPAS SERIES



MPAS-068-ZSGT-11

MPAS-144-ZSGT-13

PIN GRID ARRAY SOCKETS

Mates with:
MPAT, MVAT, MHAT, MSAT

SPECIFICATIONS

For complete specifications see www.samtec.com?MPAS

Insulator Material:
Black G.F. Polyester



Contact:

BeCu

Shell:

Brass except Style K

Phosphor Bronze



Operating Temp Range:

-55°C to +105°C with Tin

-55°C to +125°C with Gold

Plating:

Au over 50µ" (1,27µm) Ni or

Sn over 100µ" (2,58µm) Cu or

50µ" (1,27µm) Ni

Current Rating:

1A

Contact Resistance:

10mΩ max

Lead Size Range:

.015" (0,38mm) to

.022" (0,56mm) DIA

Insertion Force:

(Single contact only)

Style ZU = 1.5 oz (0,42N) max,

all others = 2.5 oz (0,69N) avg,

5.5 oz (1,53N) max

Withdrawal Force:

(Single contact only)

Style ZU = 1.5 oz (0,42N) max,

all others = 2.0 oz (0,56N) avg,

0.35 oz (0,97N) min

Lead-Free Solderable:

Wave, only

RoHS Compliant:

No

BODY STYLE	PIN COUNT	LEAD STYLE	PLATING OPTION	PIN OUT CODE	OPTION
MPAS = Standard Polyester 	- "XXX" = Total Number of Filled Positions		GG = 30µ" (0,76µm) Gold Contact, 10µ" (0,25µm) Gold Shell GT = 30µ" (0,76µm) Gold Contact, Tin Shell TT = Tin Contact and Shell (Styles -ZS & -ZW only) ST = 10µ" (5,08µm) Gold Contact, Tin Shell (Style -ZS only)		-2 = (9,14).360 Wire-Wrap (-ZW only) -3 = (6,60).260 Wire-Wrap (-ZW only) -L = Locking Socket (-ZS only) Requires GT Plating Option
ALSO AVAILABLE RoHS compliant options. Call Samtec.					



-ZW = Wire Wrap

Shorter w/w tail lengths available. See OPTION.

Insertion Depth = .125" to .157"
 Style ZW Component Part No. = EZ-1W1(1)
 Style ZW-2 Component Part No. = EZ-1W1(2)
 Style ZW-3 Component Part No. = EZ-1W1(3)

-ZE = Elevated

Insertion Depth = .125" to .170"
 Style ZE Component Part No. = EZ-2P3

-ZS, -ZU, -ZA = Printed Circuit

Insertion Depth = .095" to .145",
 Style ZS Component Part No. = EZ-1P1
 Style ZU Component Part No. = EZ-6P1
 Option L Component Part No. = SC-1L1 or EZ-1L1

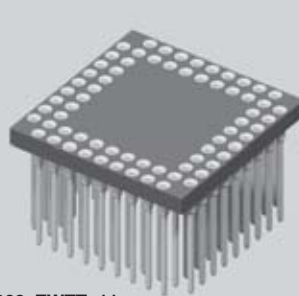
LEAD STYLE	X DIA	Y TAIL	Z OAL
-ZS, -ZU	(0,51) .020	(3,18) .125	(7,62) .300
-ZA	(0,51) .020	(4,57) .180	(8,89) .350

Locking lead (-L) available. See OPTION.

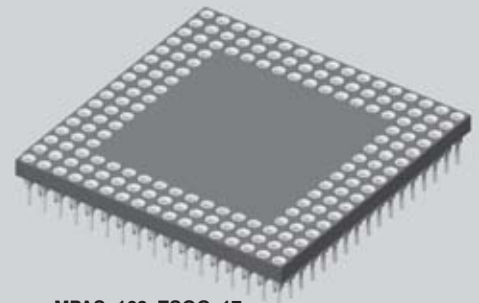
Note: Some sizes, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

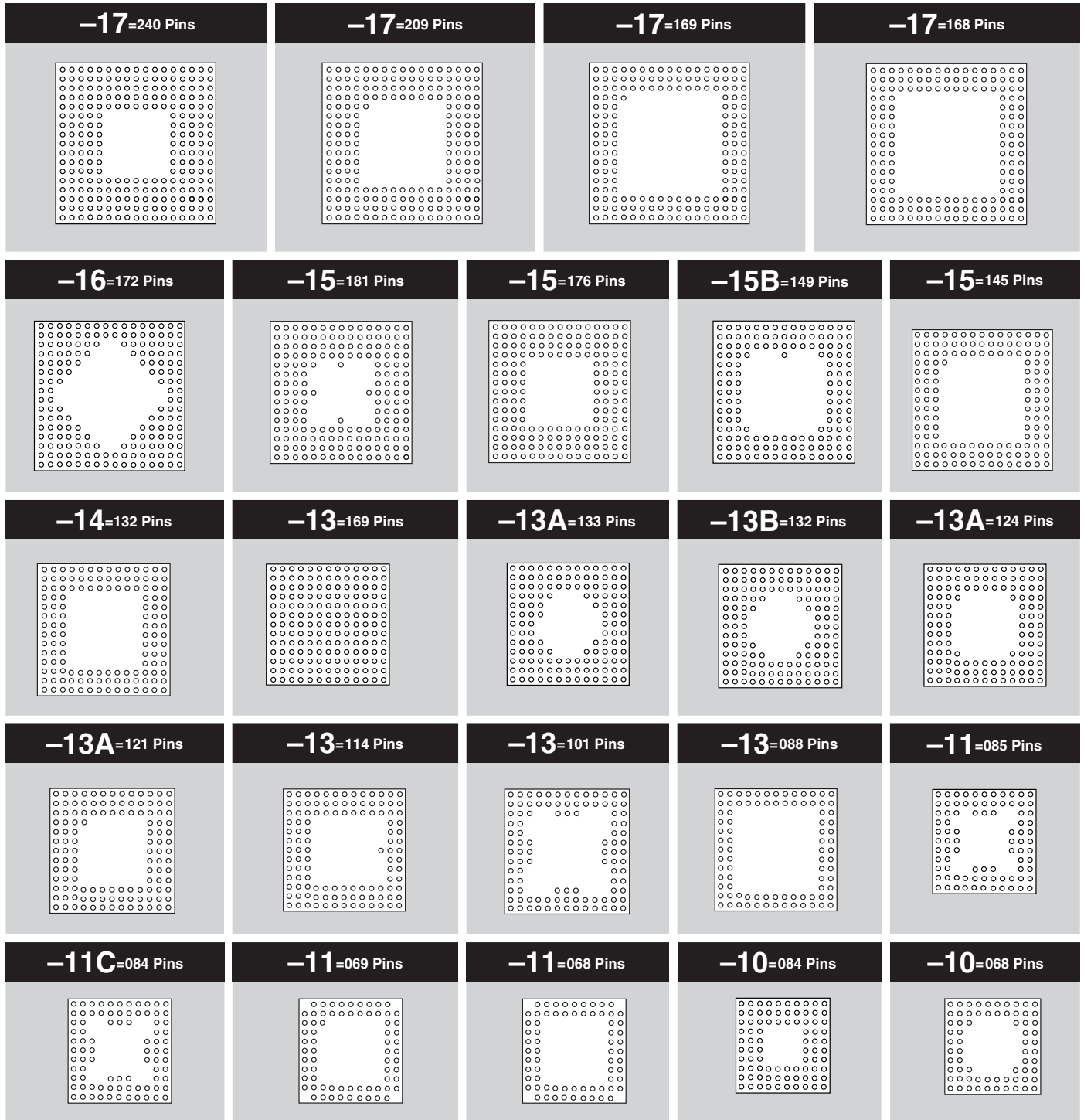


MPAS-068-ZWTT-11



MPAS-168-ZSGG-17

**MORE STANDARD PIN-OUTS AVAILABLE.
CALL SAMTEC.**



Due to technical progress, all designs, specifications and components are subject to change without notice.

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