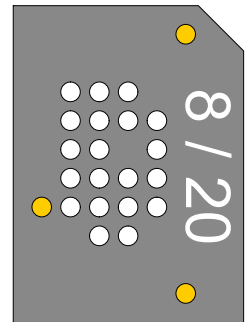
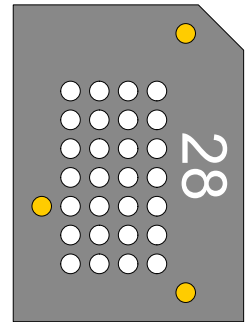


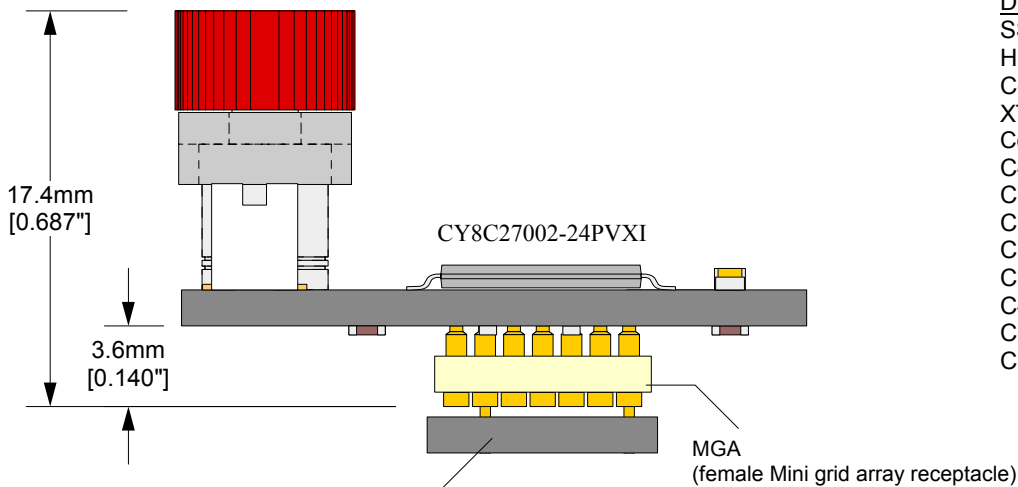
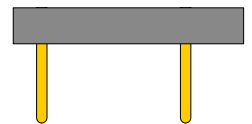
**Foot alignment Masks
(plugs onto MGA)**



C4253
(for 8 & 20 pin feet)



C4254
(for 28 pin feet)



Alignment mask (x2), required for 8/20 or 28 pin feet

Description: CY8C27XXX POD

SSOP56 OCD (CY8C27002-24PVXI).

Hirose cable connector with retention mechanism included.

Compatible with:

XT-PSoC-15-20H-10-01 - Flex cable (to ICE cube)

Compatible with the following Non-QFN feet:

- C4102 - PDIP8
- C3845 - SSOP20 foot
- C3848 - SOIC20 foot
- C3846 - SSOP28 foot
- C3849 - SOIC28 foot
- C4104 - PDIP28 foot
- C3850 - TQFP44 foot
- C3847 - SSOP48 foot

EA-8C27002-NQ-01 Drawing

Status: Released

Scale: 3:1

Rev: E

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Drawing: M. Tully

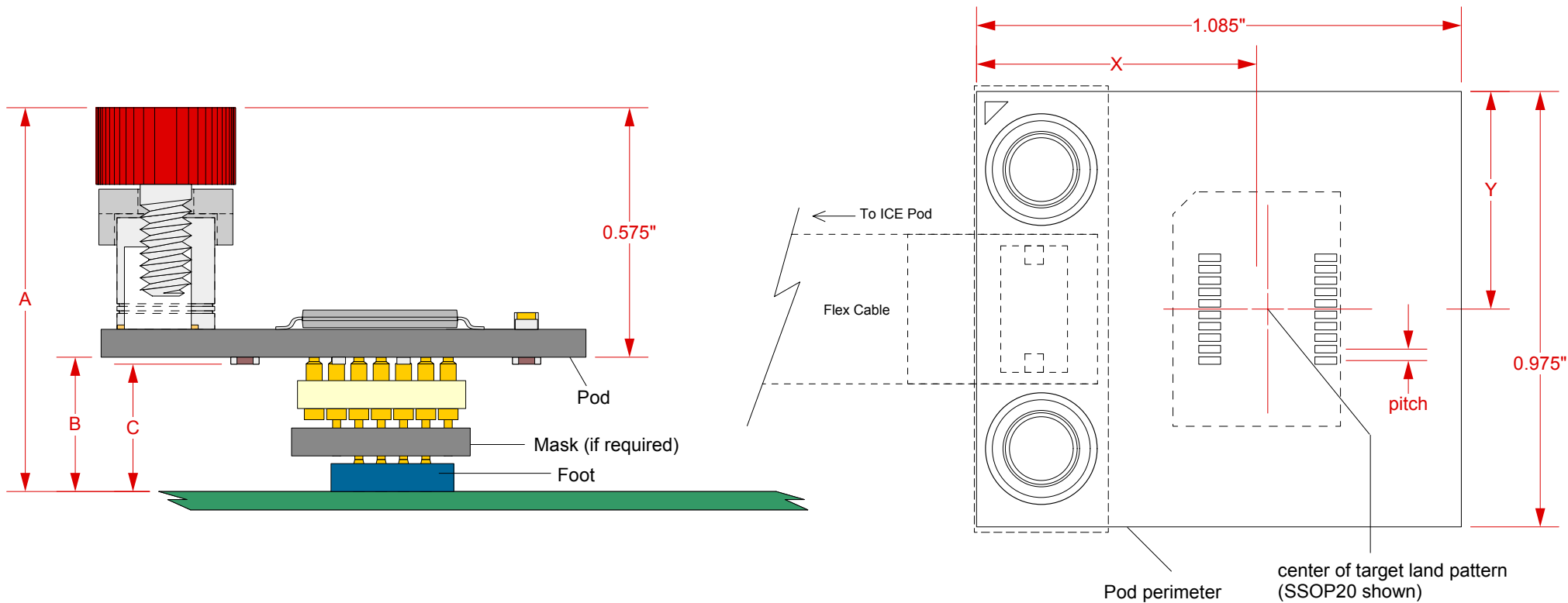
Date: 7/20/06

File: EA-8C27002-NQ-01 Dwg

Modified: 10/6/06, MT


Tolerances: diameters $\pm 0.03\text{mm}$ [± 0.001 "],
PCB perimeters $\pm 0.13\text{mm}$ [± 0.005 "],
PCB thicknesses $\pm 0.18\text{mm}$ [± 0.007 "],
itches (from true position) $\pm 0.08\text{mm}$ [± 0.003 "],
all other tolerances $\pm 0.13\text{mm}$ [± 0.005 "]
unless stated otherwise. Materials and
specifications are subject to change without notice.

POD clearance, with respect to center of target pattern



Foot Part number	Description	Pitch	Mask required	A	B	C	X	Y
C4102	PDIP8 foot	0.100"	C4253	0.978"	0.403"	0.377"	0.652"	0.488"
C3845	SSOP20 foot	0.65mm	C4253	0.865"	0.290"	0.265"	0.652"	0.488"
C3848	SOIC20 foot	0.050"	C4253	0.865"	0.290"	0.265"	0.652"	0.488"
C3846	SSOP28 foot	0.65mm	C4254	0.865"	0.290"	0.265"	0.652"	0.513"
C3849	SOIC28 foot	0.050"	C4254	0.865"	0.290"	0.265"	0.652"	0.513"
C4104	PDIP28 foot	0.100"	C4254	0.978"	0.403"	0.377"	0.652"	0.513"
C3850	TQFP44 foot	0.8mm	no	0.848"	0.273"	0.248"	0.627"	0.513"
C3847	SSOP48 foot	0.100"	no	0.848"	0.273"	0.248"	0.627"	0.488"

With C4104 foot
PDIP28

	EA-8C27002-NQ-01 Drawing	Status: Released	Scale: <u>3:1</u>	Rev: E
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		File: EA-8C27002-NQ-01 Dwg	Modified: 10/6/06, MT	

Tolerances: diameters $\pm 0.03\text{mm}$ [$\pm 0.001^\circ$],
 PCB perimeters $\pm 0.13\text{mm}$ [$\pm 0.005^\circ$],
 PCB thicknesses $\pm 0.18\text{mm}$ [$\pm 0.007^\circ$],
 pitches (from true position) $\pm 0.08\text{mm}$ [$\pm 0.003^\circ$],
 all other tolerances $\pm 0.13\text{mm}$ [$\pm 0.005^\circ$]
 unless stated otherwise. Materials and specifications are subject to change without notice.