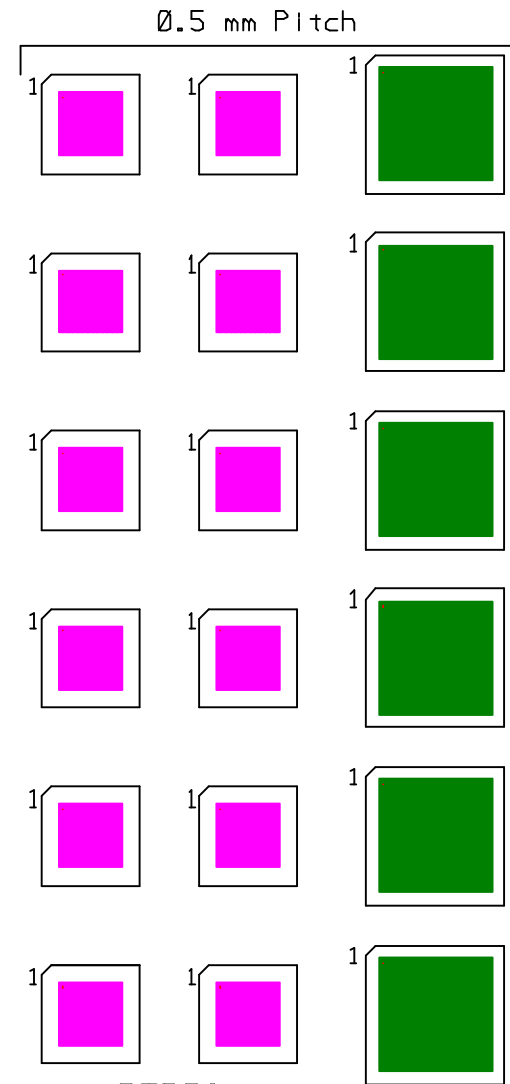


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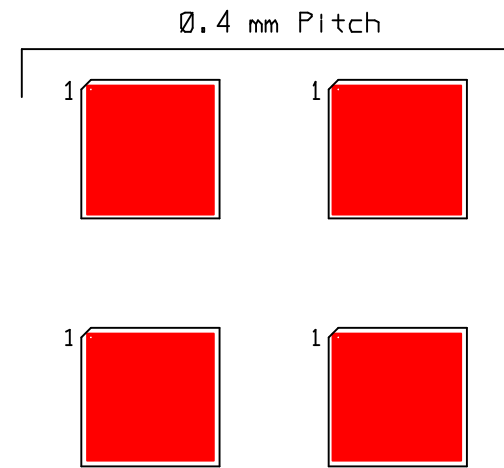
FAX: 714.252.0026

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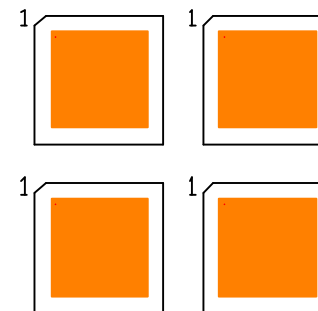


CTBGA
84 I/O
7 X 7mm

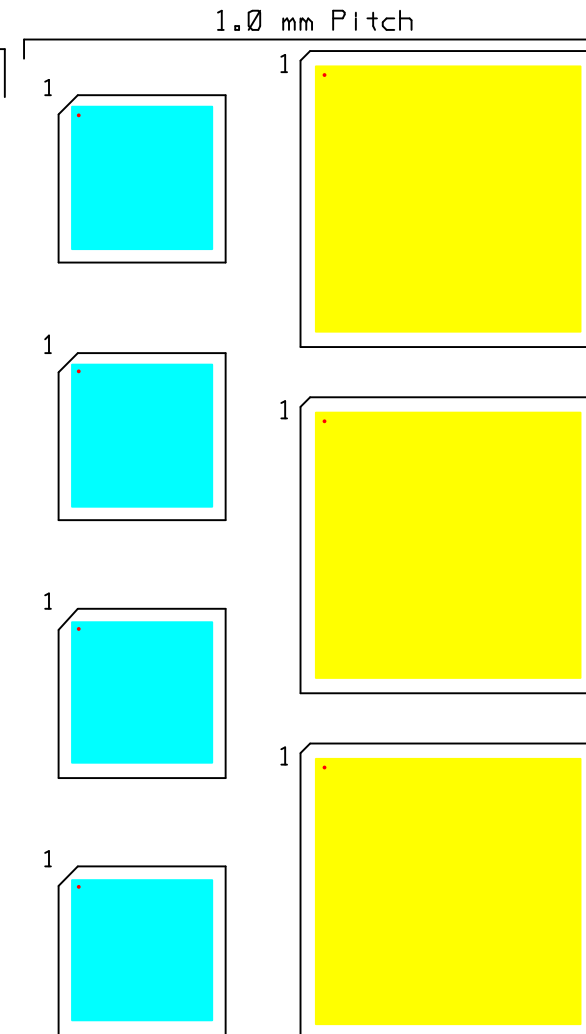
CTBGA
228 I/O
12 X 12mm



CVBGA 432
13 X 13 mm



CVBGA 360
10 X 10mm



PBGA196
15 X 15mm

PBGA
676
27 X 27mm

P/N PCB011 REV E

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Origin Point

**THIS IS A STATIC SENSITIVE ASSEMBLY.
TAKE ALL NECESSARY PRECAUTIONS DURING HANDLING.**

	Practical Part Number	Order #	Qty
	A-PBGA676-1.0mm-27mm-DC-SnAgCu	30276	12
	A-PBGA196-1.0mm-15mm-DC-SnAgCu	30609	16
	A-CVBGA432-.4mm-13mm-DC-SnAgCu	32182	17
	A-CVBGA360-.4mm-10mm-DC-SnAgCu	31281	16
	A-CTBGA228-.5mm-12mm-DC-SnAgCu	30640	24
	A-CTBGA84-.5mm-7mm-DC-SnAgCu	31317	12

Customer:	Practical Components
Assembly Number:	PCB 011
Assembly Name:	BGA Fine Pitch Board
Assembly Revision:	E 2010-04-14
Description of Change:	
Last Modified:	4/16/2010
Modified by:	

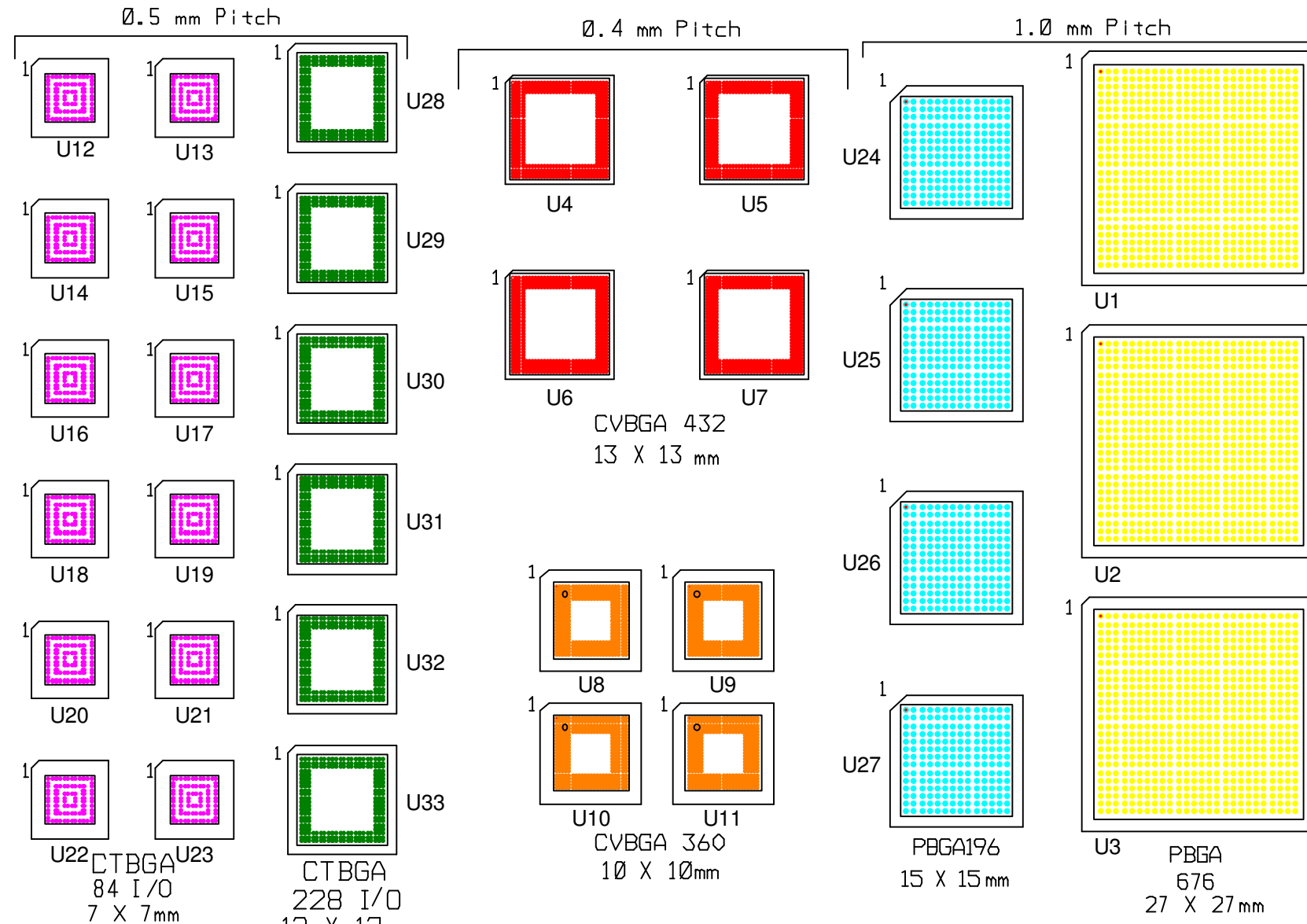


Process Point:

Top - ALL

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TAKE ALL NECESSARY PRECAUTIONS DURING HANDLING.**

	Practical Part Number	Order #	Qty	Ref.
	A-PBGA676-1.0mm-27mm-DC-SnAgCu	30276	12	U1-U3
	A-PBGA196-1.0mm-15mm-DC-SnAgCu	30609	16	U24-U27
	A-CVBGA432-.4mm-13mm-DC-SnAgCu	32182	17	U4-U7
	A-CVBGA360-.4mm-10mm-DC-SnAgCu	31281	16	U8-U11
	A-CTBGA228-.5mm-12mm-DC-SnAgCu	30640	24	U28-U33
	A-CTBGA84-.5mm-7mm-DC-SnAgCu	31317	12	U12-U23

Customer:	Practical Components
Assembly Number:	PCB 011
Assembly Name:	BGA Fine Pitch Board
Assembly Revision:	E 2010-04-14
Description of Change:	
Last Modified:	4/16/2010
Modified by:	



Process Point:
Array Packages