General Info

Board dimensions — 40mm x 70mm Number of layers — 2 Smallest hole — 0.3mm Number of holes — Approx 120 Minimum Track & Gap — 0.15mm RoHS/Lead Free — Yes Material — FR4 or equivalent

Stackup

Stackup is to be as follows:

Layer Copper Weight (Pre-Plating)

 Layer 01 (Top)
 0.50

 Layer 02 (Bottom)
 0.50

Finished board thickness to be 1.6mm 0.1mm

Impedance Control

Not required.

Copper Thieving/Balancing

The supplier may not add copper thieving/balancing.

Finish

A.) Conductive finish

Plating to be immersion gold.

B.) Soldermask

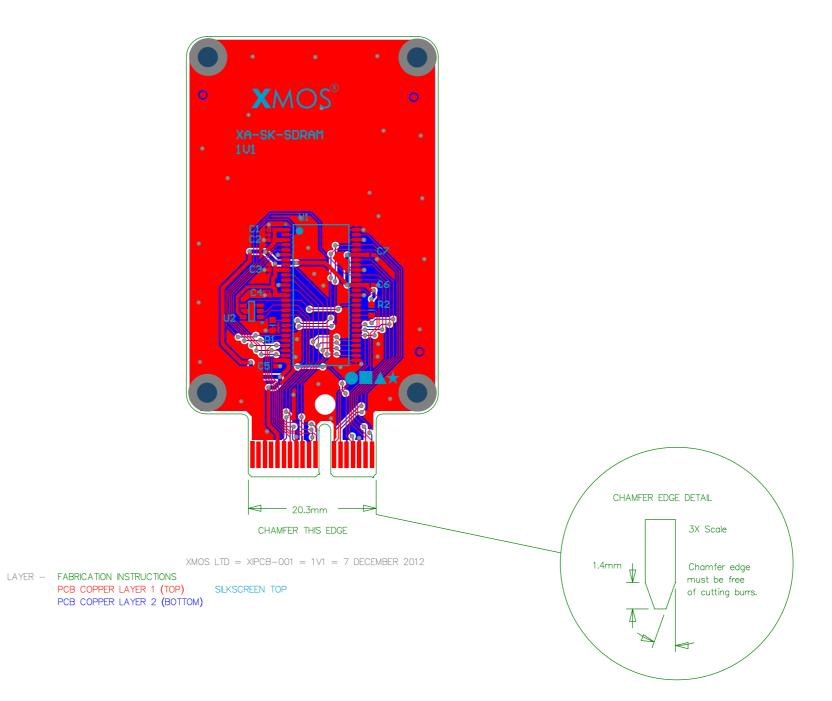
Liquid photo imageable soldermask (green). Pads have not been oversized. Supplier should oversize soldermask on pads to suit process.

C.) Silkscreen

Colour white. Supplier should remove any silkscreen which overhangs pads.

Drill Data

Drill data is in Excellon format, metric (000.000), no zero suppression, absolute coordinates. Hole size is finished size.





Project Name

XIPCB-001 (XA-SK-SDRAM)

Sheet Date Revision

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7 DECEMBER 2012

1 V1

General Info

Board dimensions - 40mm x 70mm Number of layers -2Smallest hole — 0.3mm Number of holes – Approx 120 Minimum Track & Gap – 0.15mm RoHS/Lead Free - Yes Material — FR4 or equivalent

Stackup

Stackup is to be as follows:

Copper Weight (Pre-Plating) Layer

Layer 01 (Top) 0.5oz

Finished board thickness to be 1.6mm 0.1mm

Impedance Control

Not required.

Copper Thieving/Balancing

The supplier may not add copper thieving/balancing.

Finish

A.) Conductive finish

Plating to be immersion gold.

B.) Soldermask

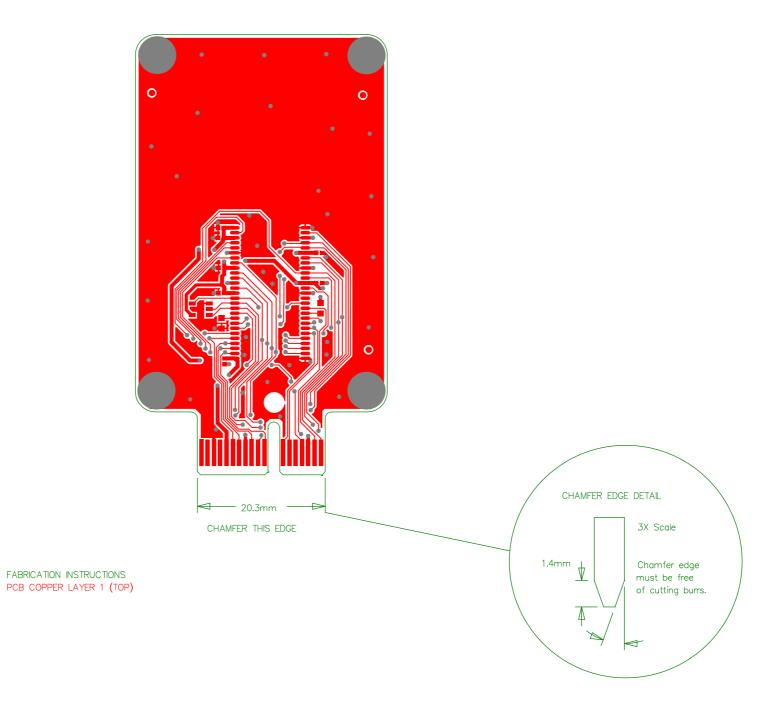
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C.) Silkscreen

Colour white. Supplier should remove any silkscreen which overhangs pads.

Drill Data

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Project Name XIPCB-001 (XA-SK-SDRAM)

Revision Sheet 7 DECEMBER 2012 1 V1

A4

General Info

Board dimensions — 40mm x 70mm Number of layers — 2 Smallest hole — 0.3mm Number of holes — Approx 120 Minimum Track & Gap — 0.15mm RoHS/Lead Free — Yes Material — FR4 or equivalent

Stackup

Stackup is to be as follows:

Layer Copper Weight (Pre-Plating)

0.5oz

Layer 02 (Bottom) 0.56

Finished board thickness to be 1.6mm 0.1mm

Impedance Control

Not required.

Copper Thieving/Balancing

The supplier may not add copper thieving/balancing.

Finish

A.) Conductive finish

Plating to be immersion gold.

B.) Soldermask

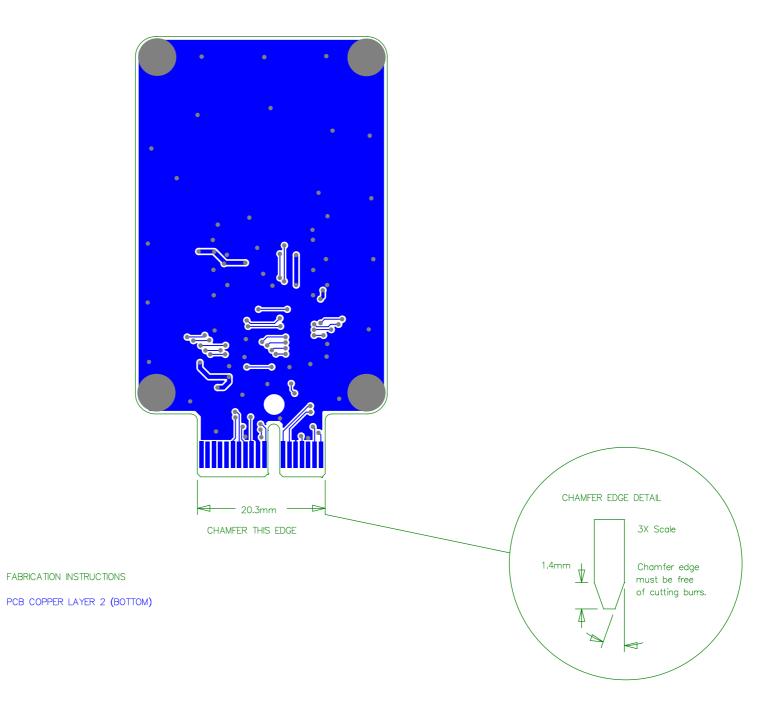
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XMOS[®]

Project Name

XIPCB-001 (XA-SK-SDRAM)

 Sheet
 Date
 Revision

 A4
 7 DECEMBER 2012
 1V1

General Info

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Stackup is to be as follows:

Layer Copper Weight (Pre-Plating)

0.5oz 0.5oz

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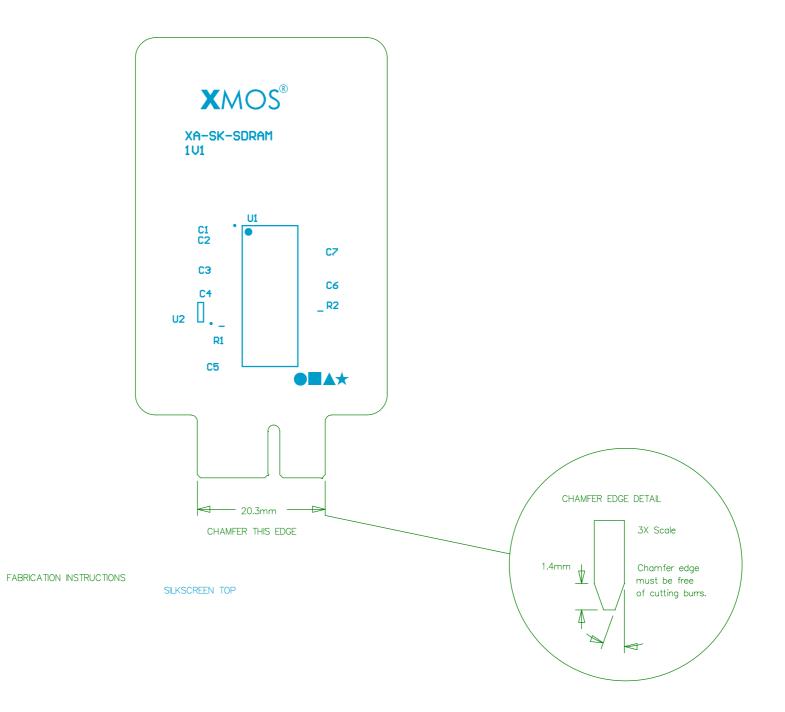
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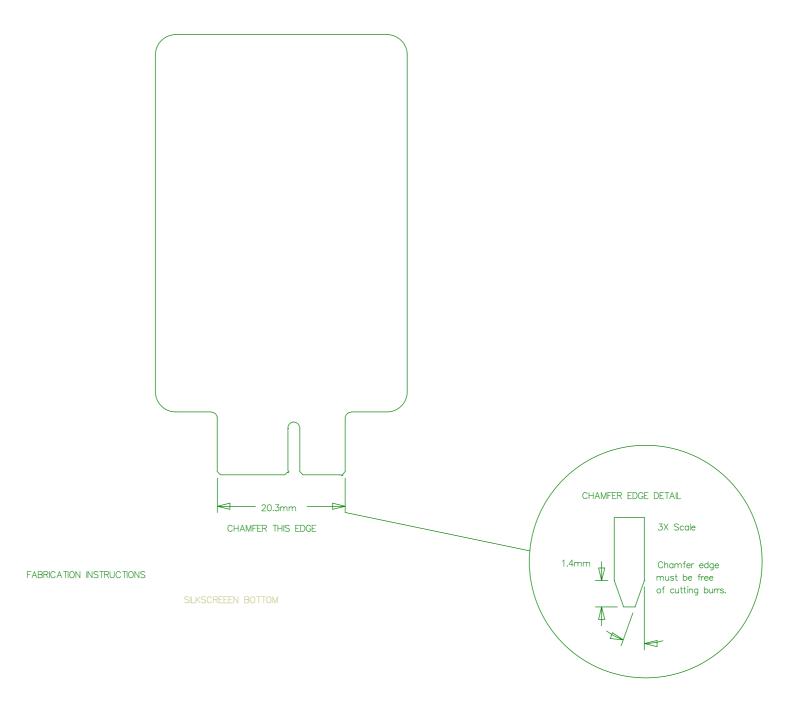
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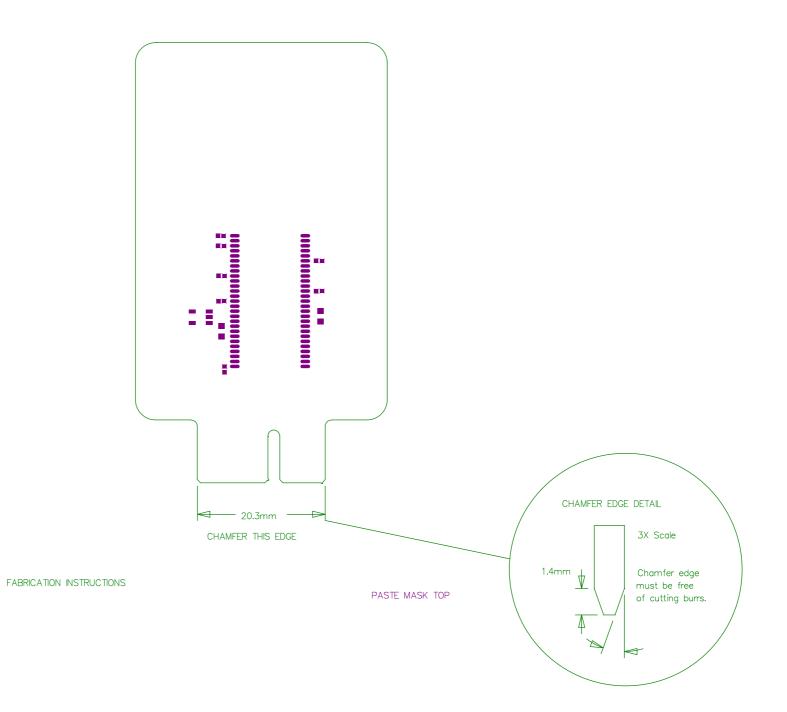
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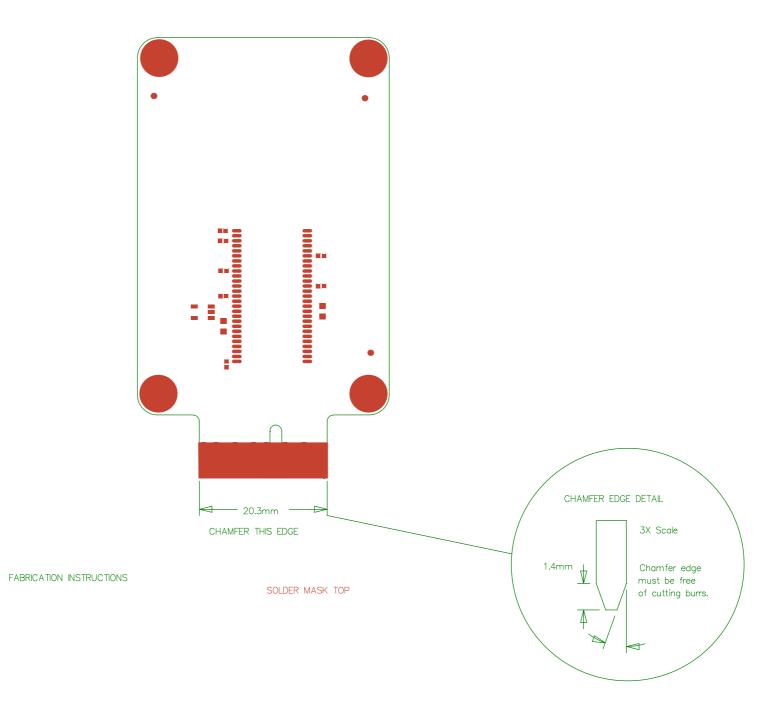
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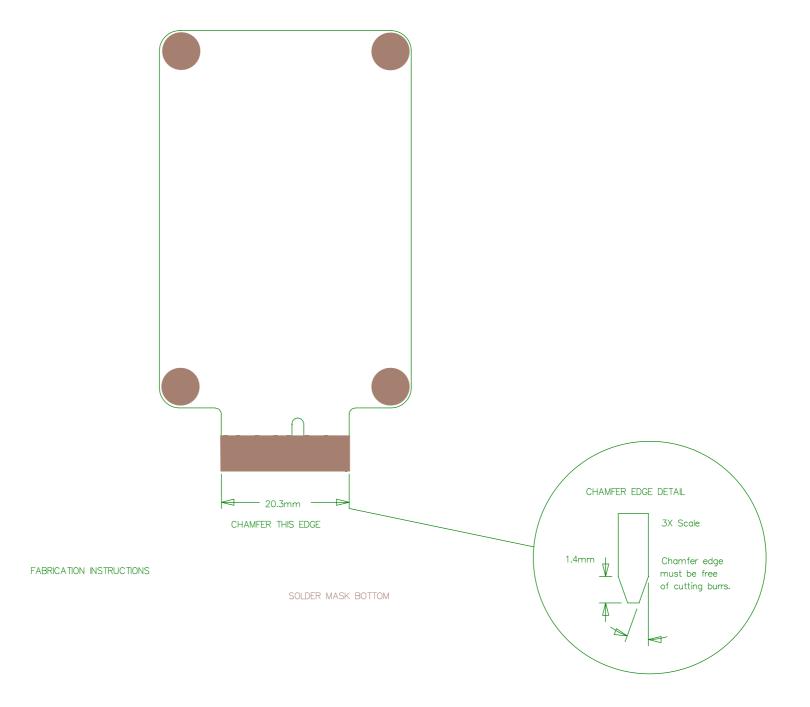
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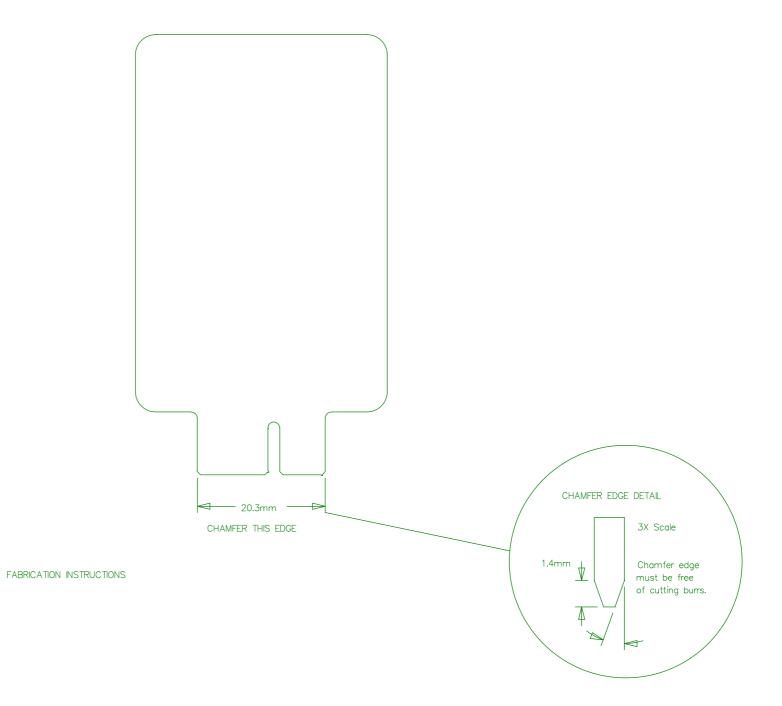
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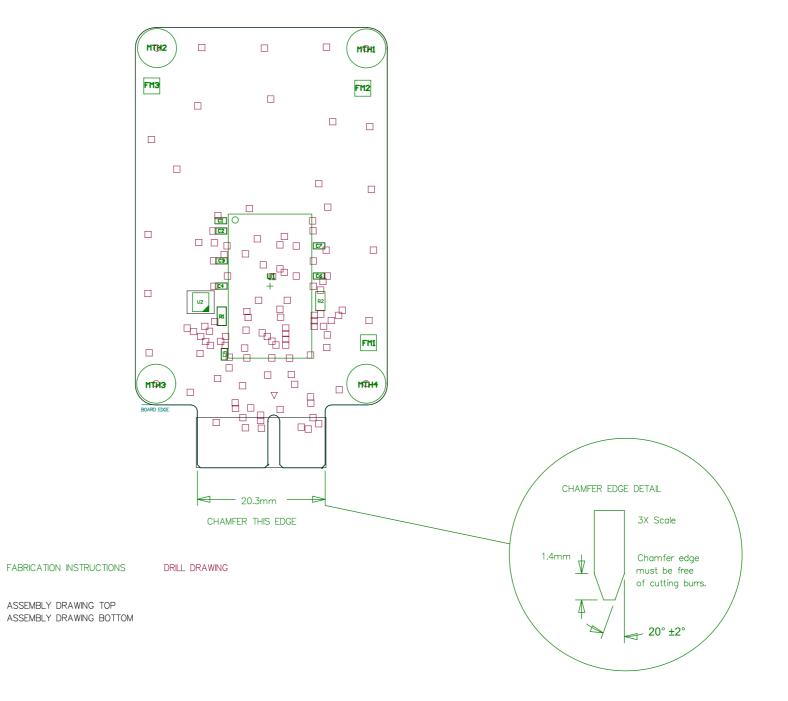
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Symbol	Hit Count	Tool Size	Plated	Hole Type
	112	O.3mm (11.811mil)	PTH	Round
∇	1	2.8mm (110.236mil)	NPTH	Round
0	4	3.2mm (125.984mil)	PTH	Round
	117 Total			

Drill Drawing.





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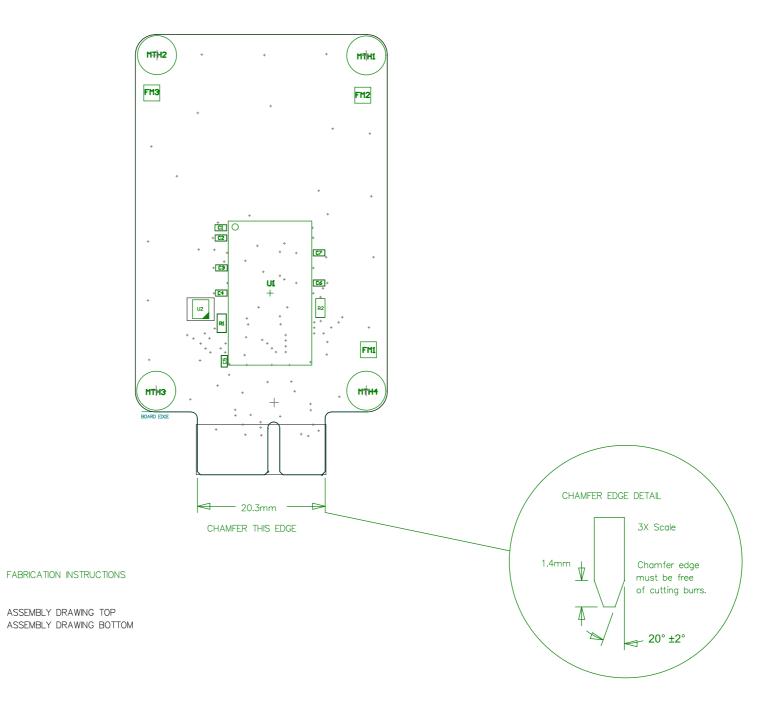
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Project Name
XIPCB-001 (XA-SK-SDRAM)

 Sheet
 Date
 Revision

 A4
 7 DECEMBER 2012
 1V1

BOM

SDRAM Slice

Source Data From: XIPCB-001-XA-SK-SDRAM.PrjPCB

Project: XIPCB-001-XA-SK-SDRAM.PrjPCB

Variant: None

Report Date: 07/12/2012 16:00:38

Print Date: 07-Dec-12 4:00:42 PM

	Print Date:	07-Dec-12	4:00:42 PM	
#	LibRef	Designator	Description	Quantity
1	E-01-0001	R1	RES 1k 0603 1%	1
2	E-01-0002	R2	RES 10k 0603 1%	1
3	E-02-0002	C1, C2, C3, C4, C5, C6, C7	MLCC 100nF 0402 X7R 16V	7
4	E-03-0022	U1	Memory, SDRAM, 64Mb (1Mx16x4), 54 Pin TSOP II	1
5	E-13-0117	U2	Single 2 Input Positive NOR, LVC series, SOT23-5	1
6	P-01-0011	PROD1, PROD2, PROD3, PROD4	Feet, Nylon, M3, 6mm Standoff	4
Appr	Approved		Notes	15