

02D/E

REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: COPPER BOTTOM LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Mar29,2011

PART NO: 37-02-SP4582-01

CHECKED BY:

DATE: Mar29,2011

SHEET 1 OF 5

APPROVALED BY:

DATE: Mar29,2011

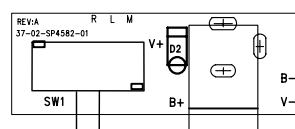
DWG NO. SA4E

FILE NAME: 02SP4582A01.PCB

02D/E

REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: SILKSCREEN TOP LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Mar29,2011

PART NO: 37-02-SP4582-01

CHECKED BY:

DATE: Mar29,2011

SHEET 4 OF 5

APPROVALED BY:

DATE: Mar29,2011

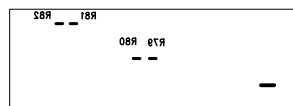
DWG NO. SA4E

FILE NAME: 02SP4582A01.PCB

02D/E

REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: SILKSCREEN BOTTOM LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Mar29,2011

PART NO: 37-02-SP4582-01

CHECKED BY:

DATE: Mar29,2011

SHEET 3 OF 5

APPROVALED BY:

DATE: Mar29,2011

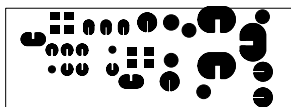
DWG NO. SA4E

FILE NAME: 02SP4582A01.PCB

02D/E

REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: SOLDER MASK BOTTOM LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Mar29,2011

PART NO: 37-02-SP4582-01

CHECKED BY:

DATE: Mar29,2011

SHEET 2 OF 5

APPROVALED BY:

DATE: Mar29,2011

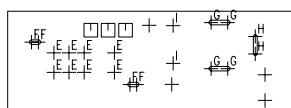
DWG NO. SA4E

FILE NAME: 02SP4582A01.PCB

02D/E

REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



SIZE	QTY	SYM	PLATED	TOL
1.2	4	+	YES	+/-0.1
0.9	3	□	YES	+/-0.1
0.8	8	+ ^E	NO	+/-0.1
0.6 x 1.5	2	+ ^F	NO	+/-0.1
0.6 x 2.8	2	+ ^G	YES	+/-0.1
0.5 x 2.8	1	+ ^H	YES	+/-0.1
1.1	2	+ ^I	YES	+/-0.1

UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: DRILL DRAWING LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Mar29,2011

PART NO: 37-02-SP4582-01

CHECKED BY:

DATE: Mar29,2011

SHEET 5 OF 5

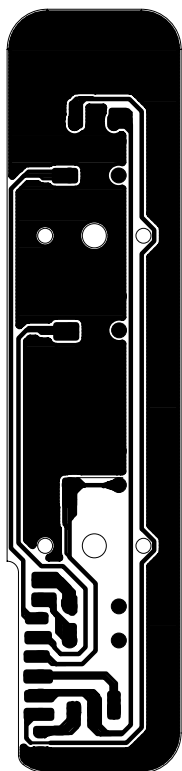
APPROVALED BY:

DATE: Mar29,2011

DWG NO. SA4E

FILE NAME: 02SP4582A01.PCB

02D/E



REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: COPPER BOTTOM LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Feb24,2010

PART NO: 37-03-SP4582-01

CHECKED BY:

DATE: Feb24,2010

SHEET 1 OF 5

APPROVALED BY:

DATE: Feb.24,2010

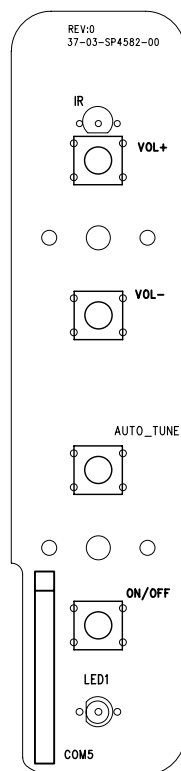
DWG NO. SA4E

FILE NAME: 03SP4582-00.PCB

02D/E

REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: SILKSCREEN TOP LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Feb24,2010

PART NO: 37-03-SP4582-01

CHECKED BY:

DATE: Feb24,2010

SHEET 4 OF 5

APPROVALED BY:

DATE: Feb.24,2010

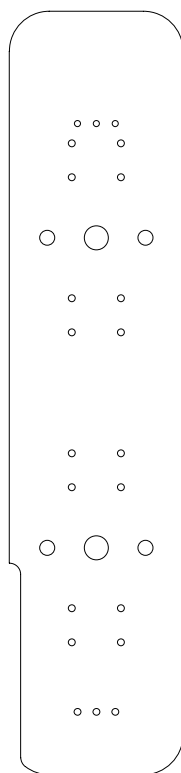
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FILE NAME: 03SP4582-00.PCB

02D/E

REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: SILKSCREEN BOTTOM LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Feb24,2010

PART NO: 37-03-SP4582-01

CHECKED BY:

DATE: Feb24,2010

SHEET 3 OF 5

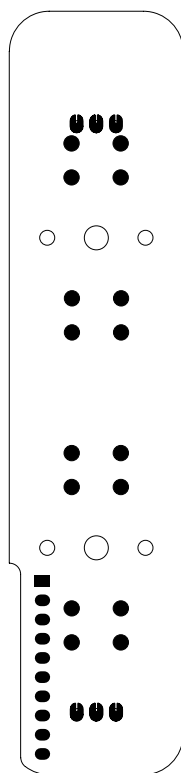
APPROVALED BY:

DATE: Feb.24,2010

DWG NO. SA4E

FILE NAME: 03SP4582-00.PCB

02D/E



REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: SOLDER MASK BOTTOM LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Feb24,2010

PART NO: 37-03-SP4582-01

CHECKED BY:

DATE: Feb24,2010

SHEET 2 OF 5

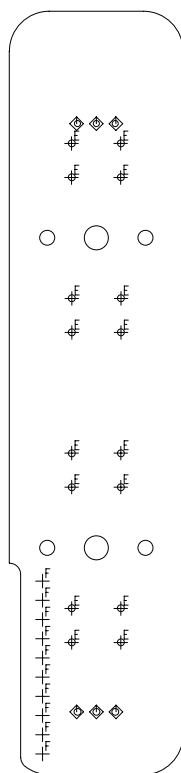
APPROVALED BY:

DATE: Feb.24,2010

DWG NO. SA4E

FILE NAME: 03SP4582-00.PCB

02D/E



REVISION RECORD

REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

SIZE	QTY	SYM	PLATED	TOL
1	6		YES	+/-0.1
1	16		YES	+/-0.1
0.8128	10		YES	+/-0.1

UNI-ART PRECISE PRODUCTS LTD.

DESCRIPTION: DRILL DRAWING LAYER

PCB MATERIAL: 94V0

REV: A

THICKNESS: 1.6mm

LAYER: SINGLE

MODEL: SP4582

DRAWING BY:

DATE: Feb24,2010

PART NO: 37-03-SP4582-01

CHECKED BY:

DATE: Feb24,2010

SHEET 5 OF 5

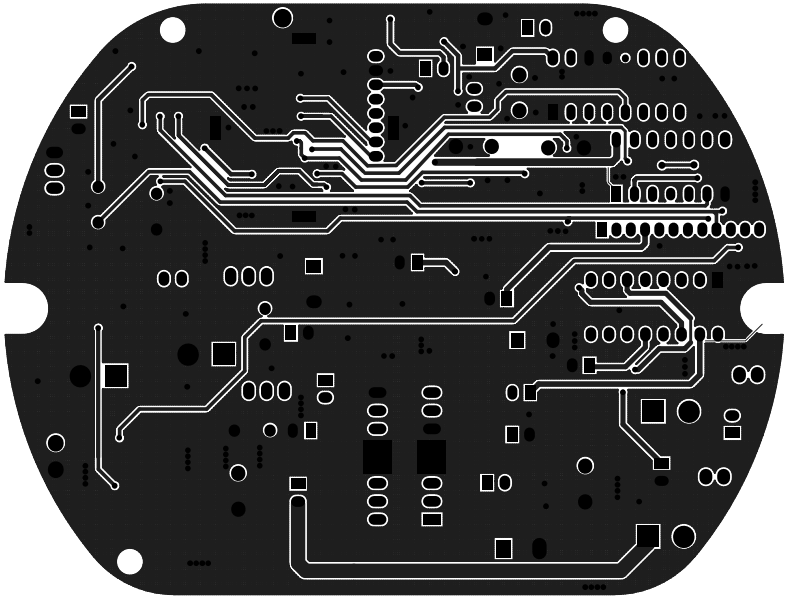
APPROVALED BY:

DATE: Feb.24,2010

DWG NO. SA4E

FILE NAME: 03SP4582-00.PCB

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

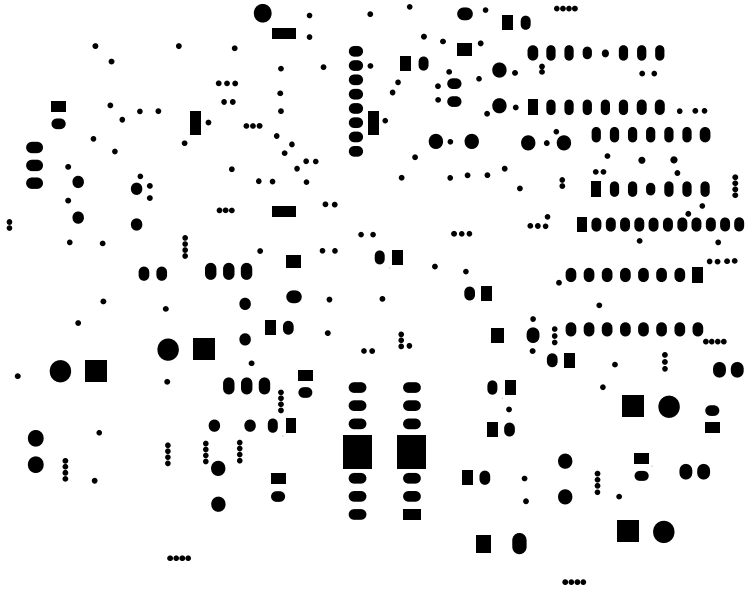


UNI-ART PRECISE PRODUCTS LTD.

TITLE: TOP LAYER
COPPER PATTERN

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 1 OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

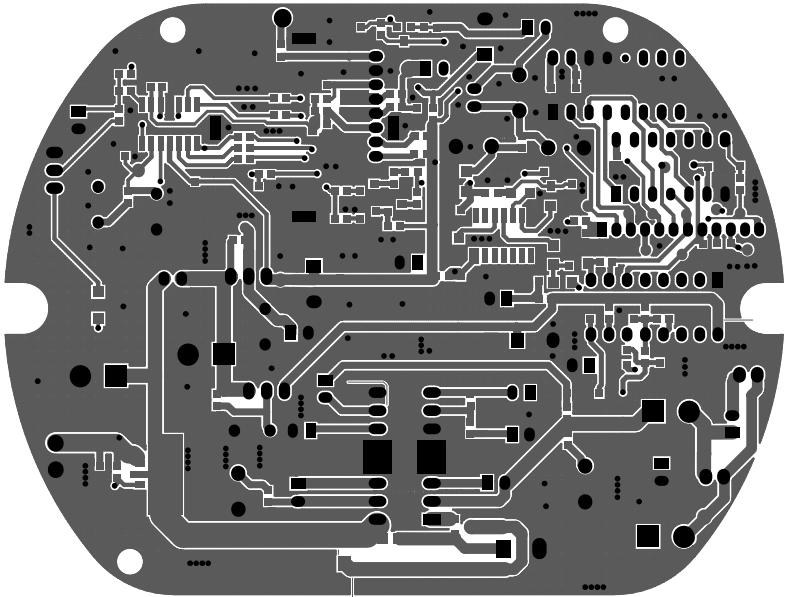


UNI-ART PRECISE PRODUCTS LTD.

TITLE:

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

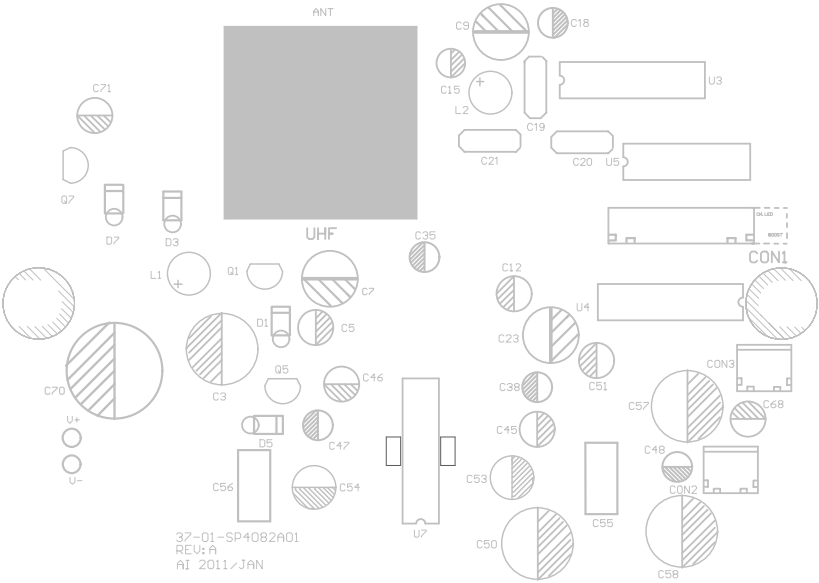


UNI-ART PRECISE PRODUCTS LTD.

TITLE: BOTTOM LAYER
COPPER PATTERN

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 2 OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



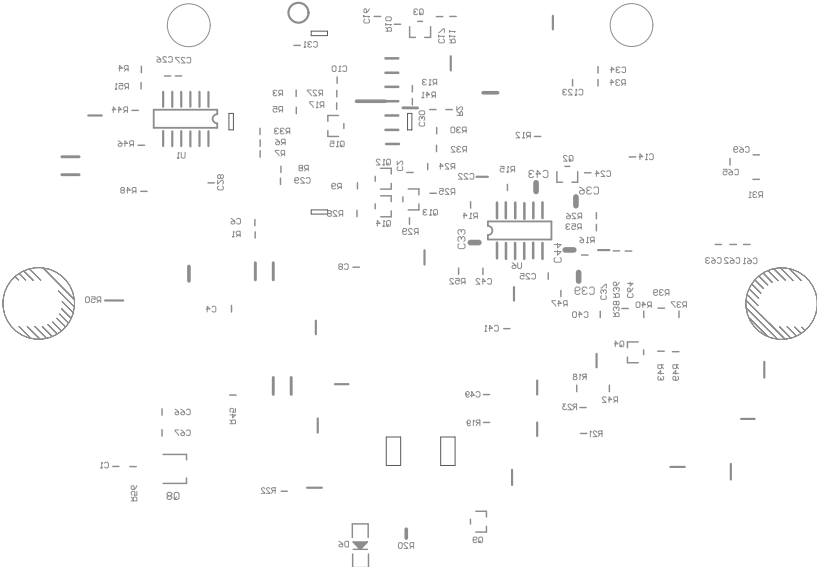
UNI-ART PRECISE PRODUCTS LTD.

TITLE: TOP OVERLAY
COMPONENT

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 3 OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

02D/E

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG. BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

TITLE: BOTTOM OVERLAY
COMPONENT

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 4 OF 8
APPROVED BY:	DATE:.	DWG.NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

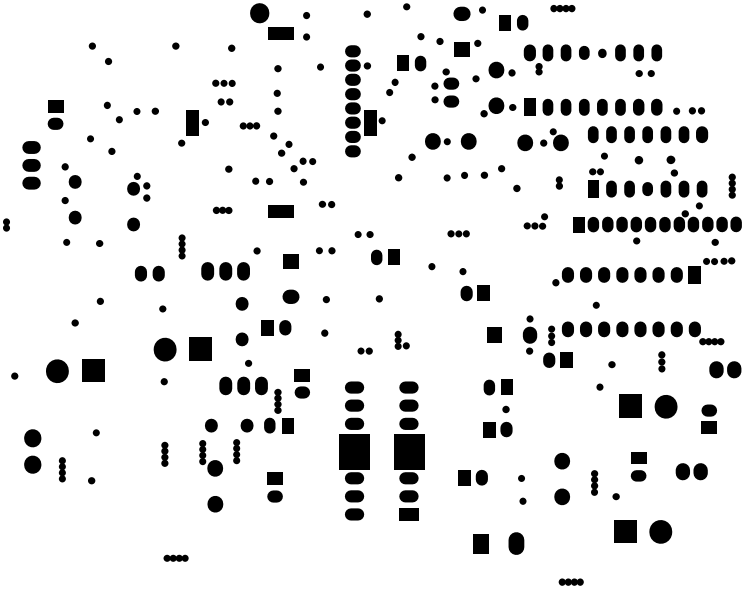


UNI-ART PRECISE PRODUCTS LTD.

TITLE: BOTTOM PASTE

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 6 OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

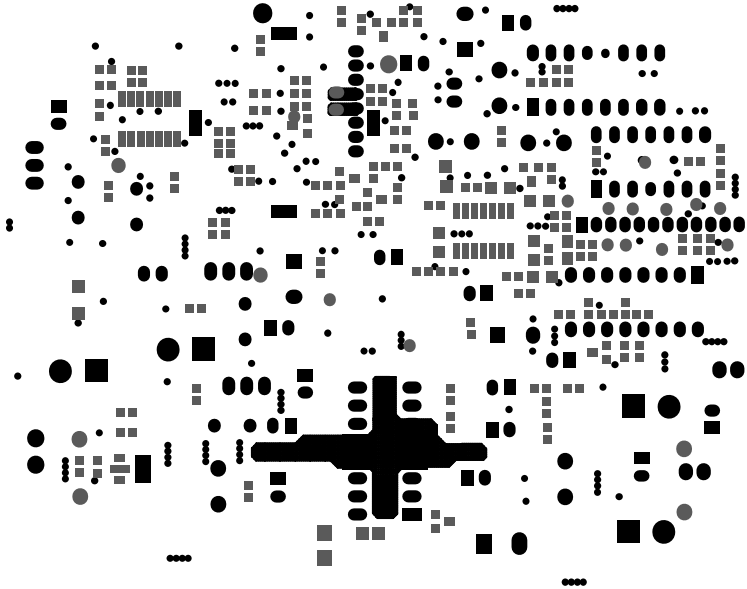


UNI-ART PRECISE PRODUCTS LTD.

TITLE: TOP SOLDER
SOLDER MASK

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



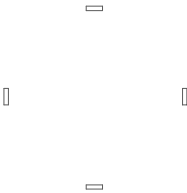
UNI-ART PRECISE PRODUCTS LTD.

TITLE: BOTTOM SOLDER
SOLDER MASK

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 5 OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

02D/E

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



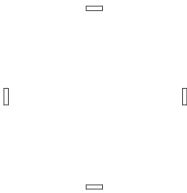
UNI-ART PRECISE PRODUCTS LTD.

TITLE:

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

02D/E

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

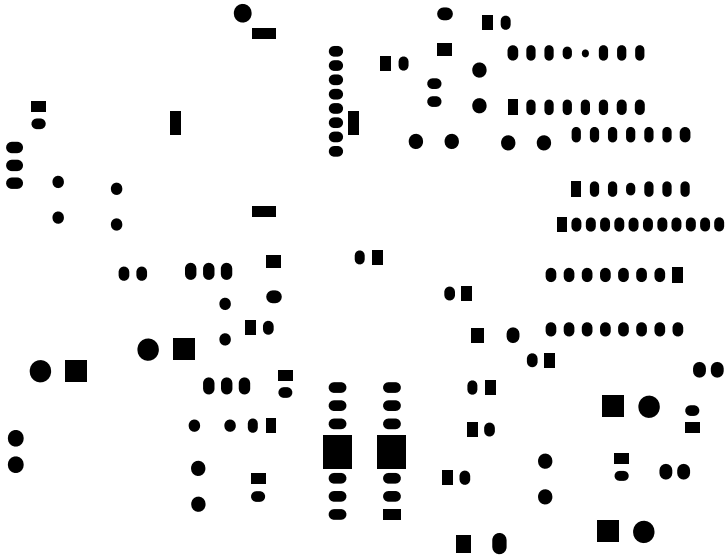


UNI-ART PRECISE PRODUCTS LTD.

TITLE:

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

TITLE:

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

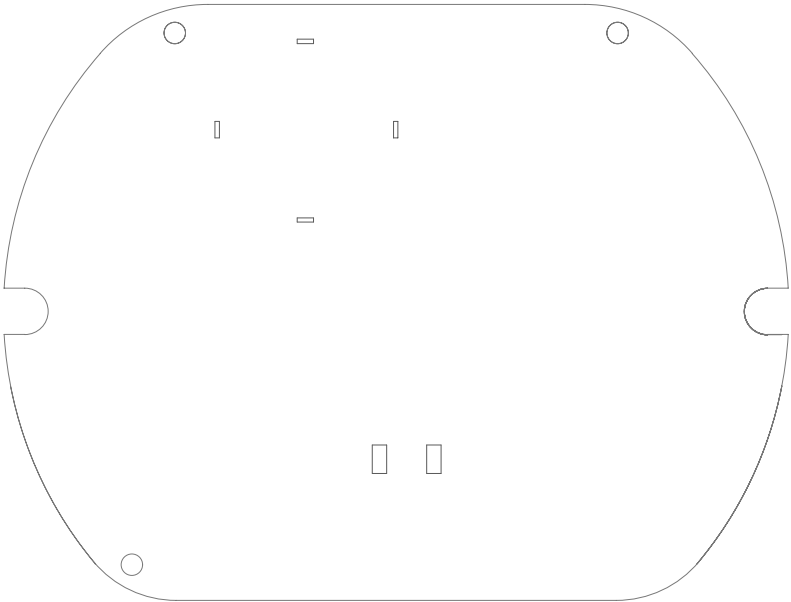


UNI-ART PRECISE PRODUCTS LTD.

TITLE:

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

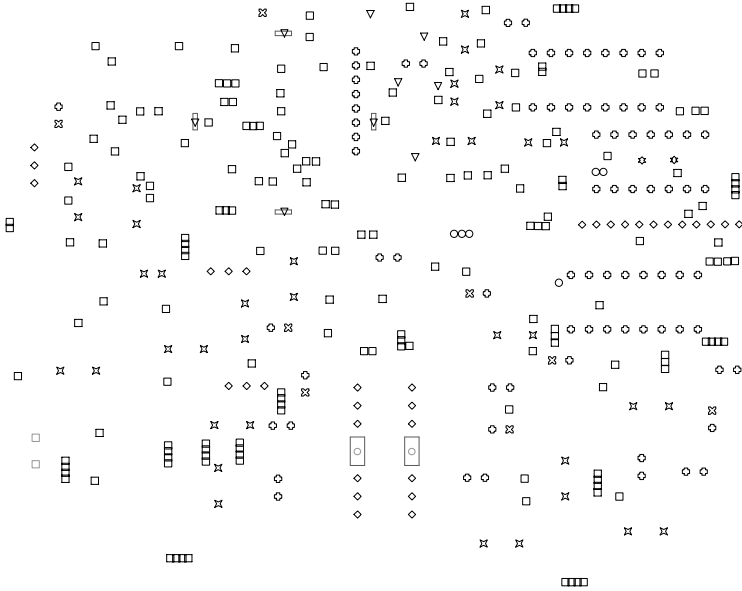


UNI-ART PRECISE PRODUCTS LTD.

TITLE:

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE

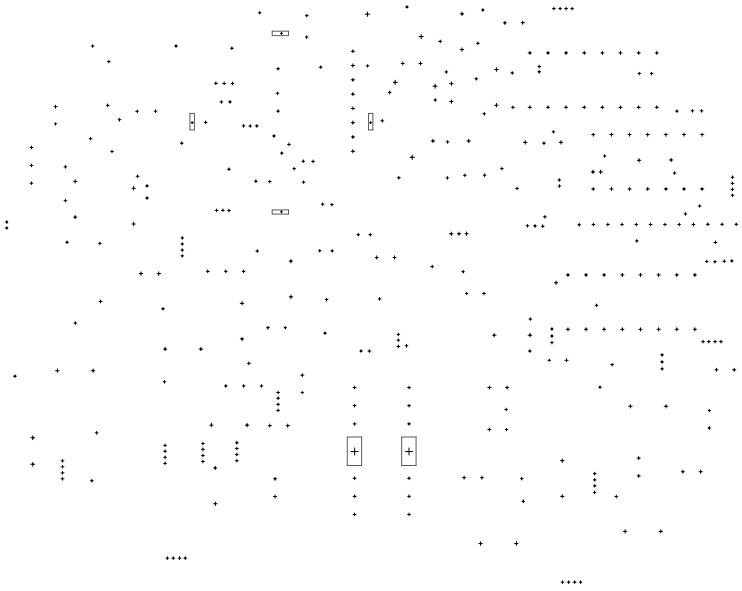


UNI-ART PRECISE PRODUCTS LTD.

TITLE: DRILL DRAWING
DRILL

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 7 OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		

REVISION RECORD					
REVISION	ECN NO	DESCRIPTION	PART NO	CHG.BY	DATE



UNI-ART PRECISE PRODUCTS LTD.

TITLE: DRILL GUIDE
DRILL

PCB MATERIAL:		REV.: A
THICKNESS: 1.2MM	LAYER: Double	MODEL: SP4082A
DRAWN BY:	DATE:.	PART NO.: 37-01-SP4082A01
CHECKED BY:	DATE:.	SHEET 8 OF 8
APPROVED BY:	DATE:.	DWG. NO.: SA4E
FILE NAME: . 01SP4082A01.PCB		