NIKHEF ET AMSTERDAM 13-05-2004 PROJECT 39200 AB/AVR

MECHANICAL-DESCRIPTION PANEL:ASDBLR_BOARD

PANEL TYPE DESIGNATION : ASDBLR_BOARD 39200.02.04.1 V2
4-LAYER MULTILAYER

THE BOARDS WILL REQUIRE FULL, 100%, ELECTRICAL
TESTING FOR CONDUCTIVITY AND ISOLATION FOR THE FULL SERIES.

BOARD MATERIAL: FR4

BOARD HEIGHT: 60.5 +/-0.2 mm

BOARD LENGTH: 70.0 +/-0.2 mm

TOTAL THICKNESS: 1.6 +/-0.1 mm

MAXIMUM FLATNESS DEVIATION
(horizontal & vertical): 0.2 mm

LAYER STACKUP ORDER:

1	-	SILKSCREEN_1
2	-	SOLDER_MASK_1
3	-	SIGNAL_1
4	-	SIGNAL_2
4	-	SIGNAL_3
5	-	SIGNAL_4
6	-	SOLDER_MASK_2
7	-	SILKSCREEN_2
8	-	DRILL
9	-	PASTE_MASK_1
10	-	PASTE_MASK_2
11	-	DRAWING_1

Minimum conductor clearance: 0.006 inch/0.15 mm
Minimum conductor width : 0.004 inch/0.1 mm
Minimum hole(via) diameter : 0.3 mm (after plating)

PCB FINISH: HAL

##
DRILL FORMAT

Drill machine coordinate mode is ABSOLUTE
Drill machine supports INCH units
Scale is 1.000
Data format is 2.3
Drill machine modal coordinate is OFF
Leading zeros are PRESENT
Trailing zeros are PRESENT
Drill machine origin (x, y) at (0.0, 0.0)
Drill machine command block end char is ''
Drill machine stop code is 'M30'

DRILL TABLE:

tool number	toolsize mm	tolerance mm	qty	plated
1	0.30	+/- 0.05	891	YES
2	1.0	+/- 0.1	2	YES
3	1.4	+/- 0.05	2	No
4	3.55	+/- 0.1	3	YES

##

ARTWORK FORMAT

Photoplotter coordinate mode is absolute
Photoplotter does not support circular interpolation
Arcs and circles are interpolated by 8 segments
Photoplotter supports Gerber G code
Photoplotter supports inch units
Scale is 1.000
Data format 3.3
Photoplotter modal coordinate is off
Photoplotter modal shutter open(D01) is off
Leading zeros are present
Trailing zeros are present
Record length of the artwork output file is 80
Film size is(width by height) : 406.400000 by 508.000000
Automatic offset specified will center board artwork on film sheet
Distance from film(0,0) to board origin is(x,y): 215.000000 , 263.000000
Panel artwork offset is (0,0)
Photoplotter command block end char is '*'
Photoplotter machine stop code is 'M02'

##

FILE INFO:

filename		contents	
artwork_1	-	SILKSCREEN_1	(gerber 274X)
artwork_2	-	SOLDER_MASK_1	(gerber 274X)
artwork_3	-	SIGNAL_1	(gerber 274X)
artwork_4	-	SIGNAL_2	(gerber 274X)
artwork_5	-	SIGNAL_3	(gerber 274X)
artwork_6	-	SIGNAL_6	(gerber 274X)
artwork_7	-	SOLDER_MASK_2	(gerber 274X)
artwork_8	-	SILKSCREEN_2	(gerber 274X)
artwork_9	-	DRILL	(gerber 274X)
artwork_10	-	DRAWING_1 (mech.drawing)	(gerber 274X)
artwork_11	-	PASTE_MASK_1	(gerber 274X)
artwork_12	-	PASTE_MASK_2	(gerber 274X)
drill	-	Excellon drill_file	(plated/unplated)
bom	-	Bill of Materials	
neutral	-	Design Neutral File	
readme.txt	-	This file	