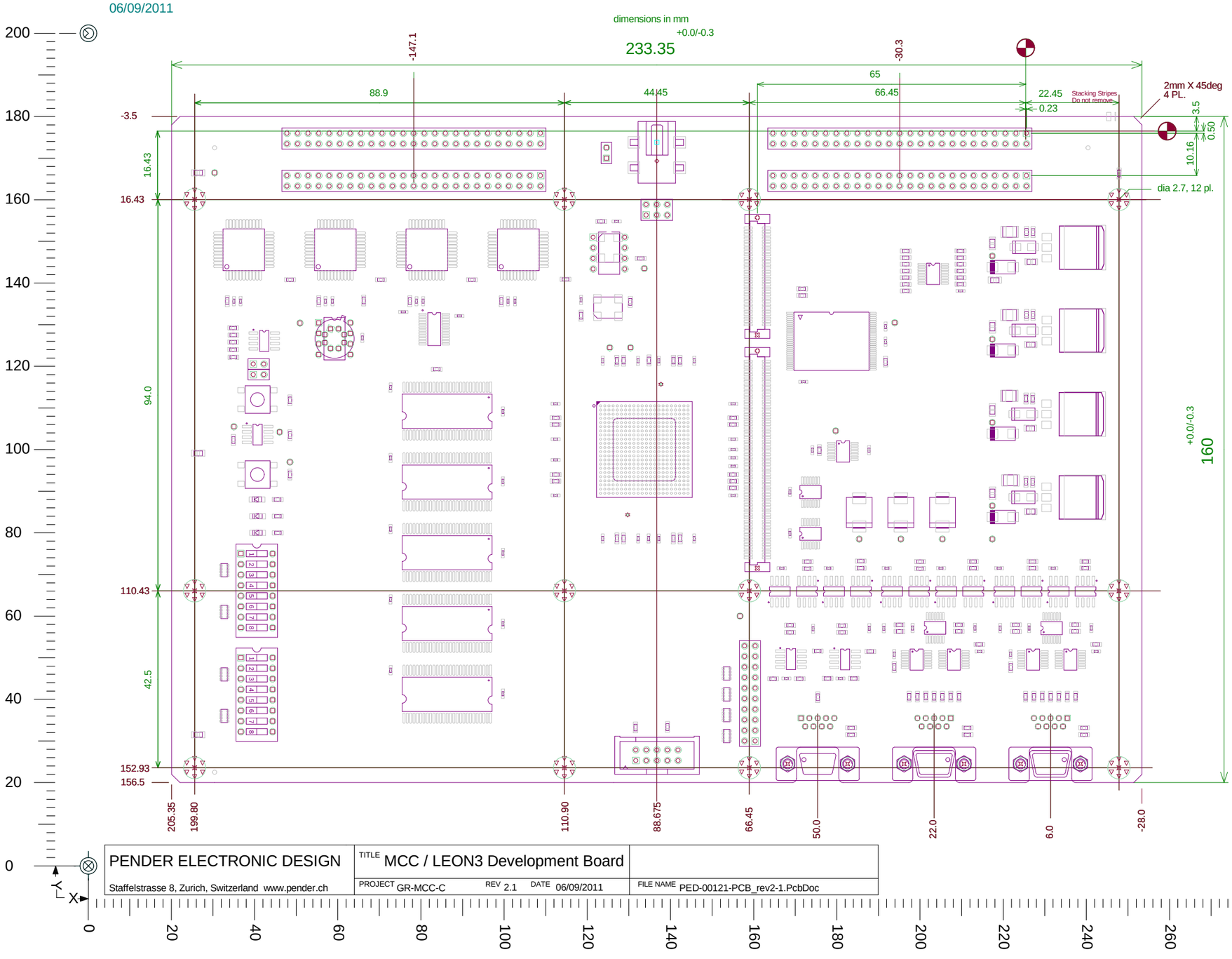
LAYER	GERBER
Drill drawing	.GBS
Mechanical 1	.GM1

PENDER ELECTRONIC DESIGN
PED-00121-PCB REV 2.1
06/09/2011



Symbol	Hit Count	Tool Size	Plated	Hole Type
▽	72	0.5mm (19.685mil)	PTH	Round
⌬	2	0.8mm (31.496mil)	NPTH	Round
□	96	0.9mm (35.433mil)	PTH	Round
✡	2	1mm (39.37mil)	NPTH	Round
○	248	1mm (39.37mil)	PTH	Round
⊠	2	1.2mm (47.244mil)	NPTH	Round
□	1	1.65mm (64.961mil)	NPTH	Round
◇	1	1.8mm (70.866mil)	NPTH	Round
⌑	18	2.7mm (106.299mil)	PTH	Round
	442 Total			

Drilling Details.
All dimensions are finished sizes
Finish via diameter is allowed to be smaller than nominal 0.3mm indicated
Dimensions are in mm

Board Characteristics
Type: 8 layer, multilayer
Material: FR4
Thickness: 1.6mm +/-0.1mm
Contour: Milled, acc. Layer 'Mechanical 1'

Layer Stack-up
1: Top Layer 35 um Cu (Finished thickness)
2: Internal Plane 1 35 um Cu (negative plane)
3: Internal Plane 2 35 um Cu (negative plane)
4: Mid Layer 1 35 um Cu
5: Mid Layer 2 35 um Cu
6: Internal Plane 3 35 um Cu (negative plane)
7: Internal Plane 4 35 um Cu (negative plane)
8: Bottom Layer 35 um Cu (Finished thickness)

Plating
Through holes, plated, minimum 20 um Cu

Tinning
Pb Free -> ENIG or Chem. Sn

Silkscreen
Top only required

PENDER ELECTRONIC DESIGN	TITLE MCC / LEON3 Development Board	
Staffelstrasse 8, Zurich, Switzerland www.pender.ch	PROJECT GR-MCC-C REV 2.1 DATE 06/09/2011	FILE NAME PED-00121-PCB_rev2-1.PcbDoc