Version: Draft v1.0

Date: 12/05/2014







9th order elliptic Band-Pass filter (60 dB rejection)

Area: 20 mmx 7 mm



« Copper » connected to Ground: 4 vias are used to connect these copper areas to the ground plane

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Insitute: U. de Bordeaux
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ADU² board with 8 dual channels Printed Circuit Board (BOTTOM side)





circuits (MUX, decoders), Clock distribution



For LFAA: the components in red will not be assembled on the board. The anti-aliasing filter will have a bandwidth of 300 MHz between 50 MHz and 350 MHz.

For MFAA: the components in green will not be assembled on the board. The anti-aliasing filter will have a bandwidth of 1050 MHz between 400 MHz and 1450 MHz.

The RF Ballun will be TCM2-33WX+ from MiniCircuits to cover both frequency bands.

