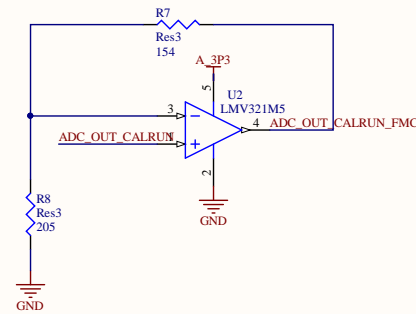
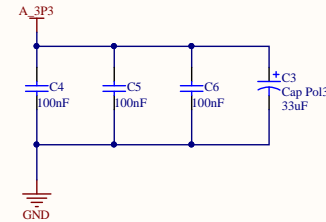
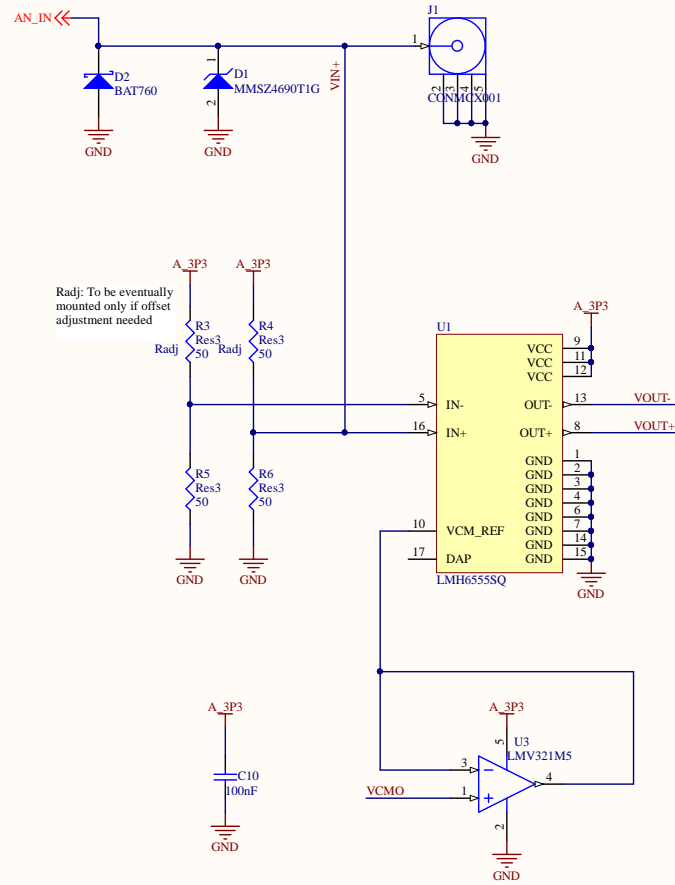


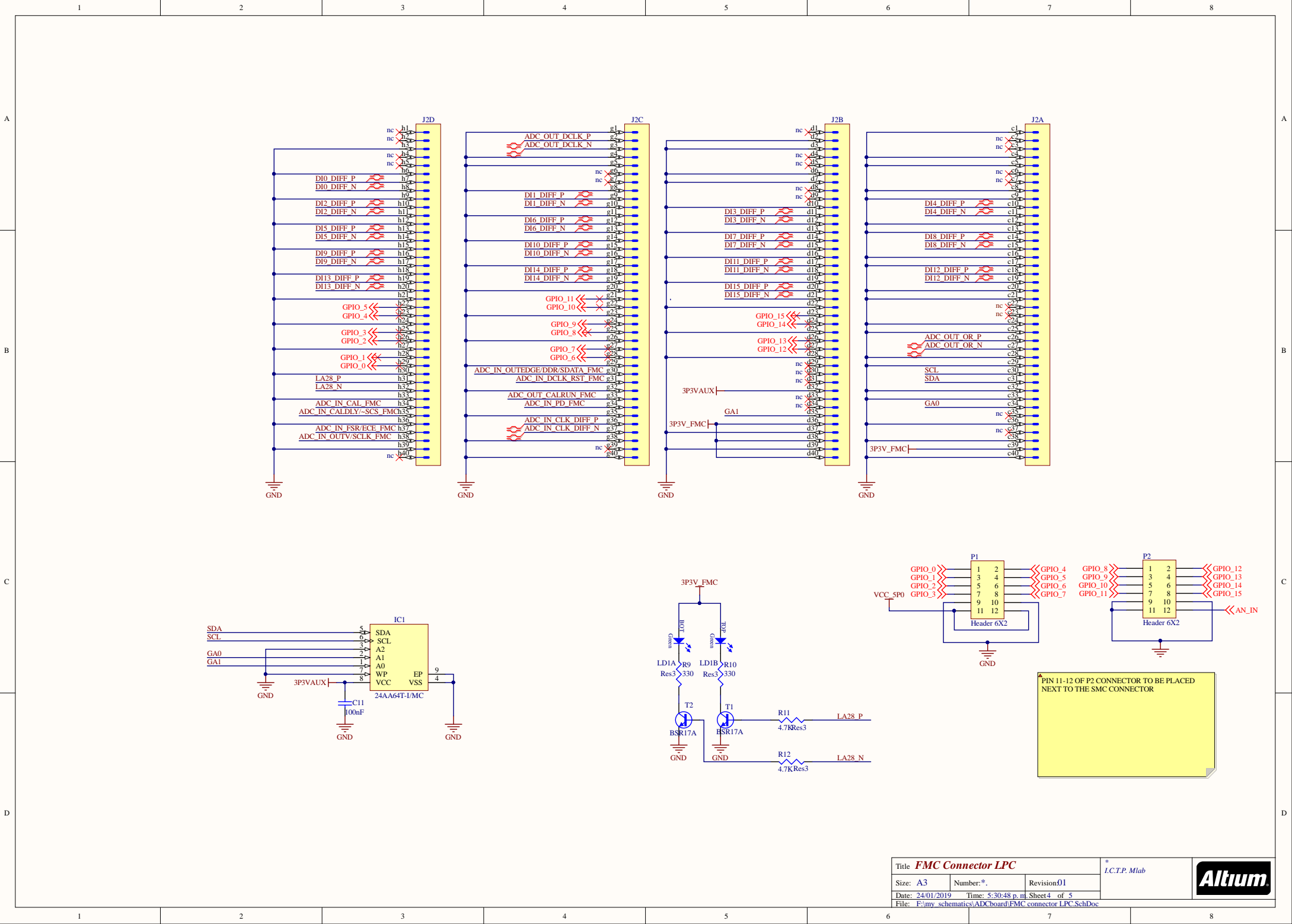
Warning: In order to preserv the ADC, the ADC board must be plugged on both boards (picoamperometer board and FMC Carrier) without power. Then first apply power to picoamperometer board and only later apply power to the FMC Carrier.

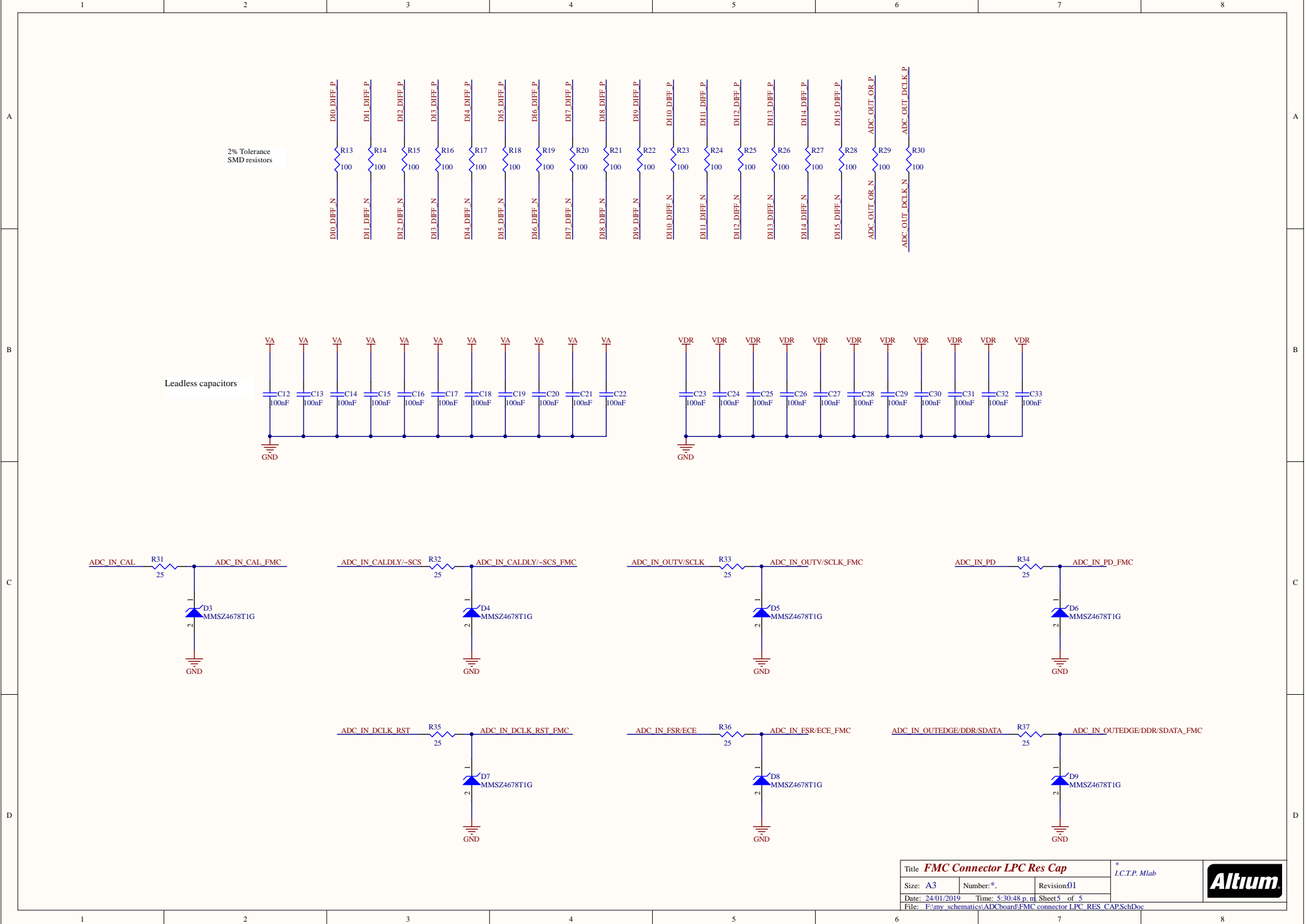
Warning: the digital control signals for the ADC must not exceed VA+100mv neither below GND-100mV (regarding damage); and must be (regarding logic) above 0.85VA or below 0.15VA.

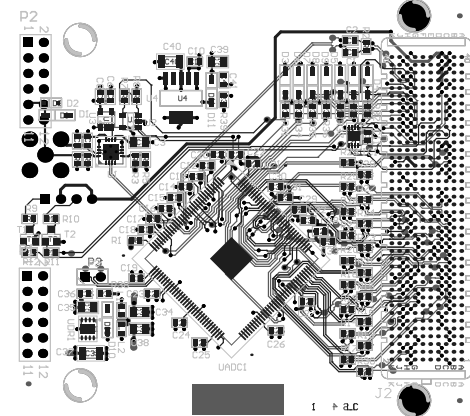
It could be used a three pin jumper to select internal or external A_3P3

Male 6 pin connector









ICTP - INFN TS ADC-500 Ver 1.0
Assembly TOP

Trough Holes Trough Holes		TOP SIDE	L.C.
SolderMask TOP 15um		SolderMask TOP	
Base Thickness 35um		Layer TOP	
PREPREG 200um		Layer BOTTOM	
Base Thickness 17,5um		SolderMask BOT	
CORE 1000um		Layer TOP	
Base Thickness 17,5um		Layer BOTTOM	
Supporto: FR4		Internal 2	
Finitura1: SILK TOP / BOT		Layer BOTTOM	
Finitura2: H.A.L. (1/4)			
SolderMask BOT 15um			
Supporto: FR4			
Finitura1: SILK TOP / BOT			
Finitura2: H.A.L. (1/4)			
Spessore Totale 1.6mm / Tolleranza 1%			