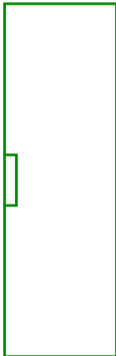
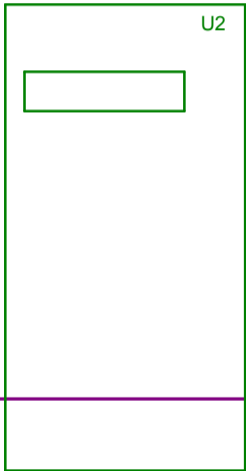




EMBEDIX



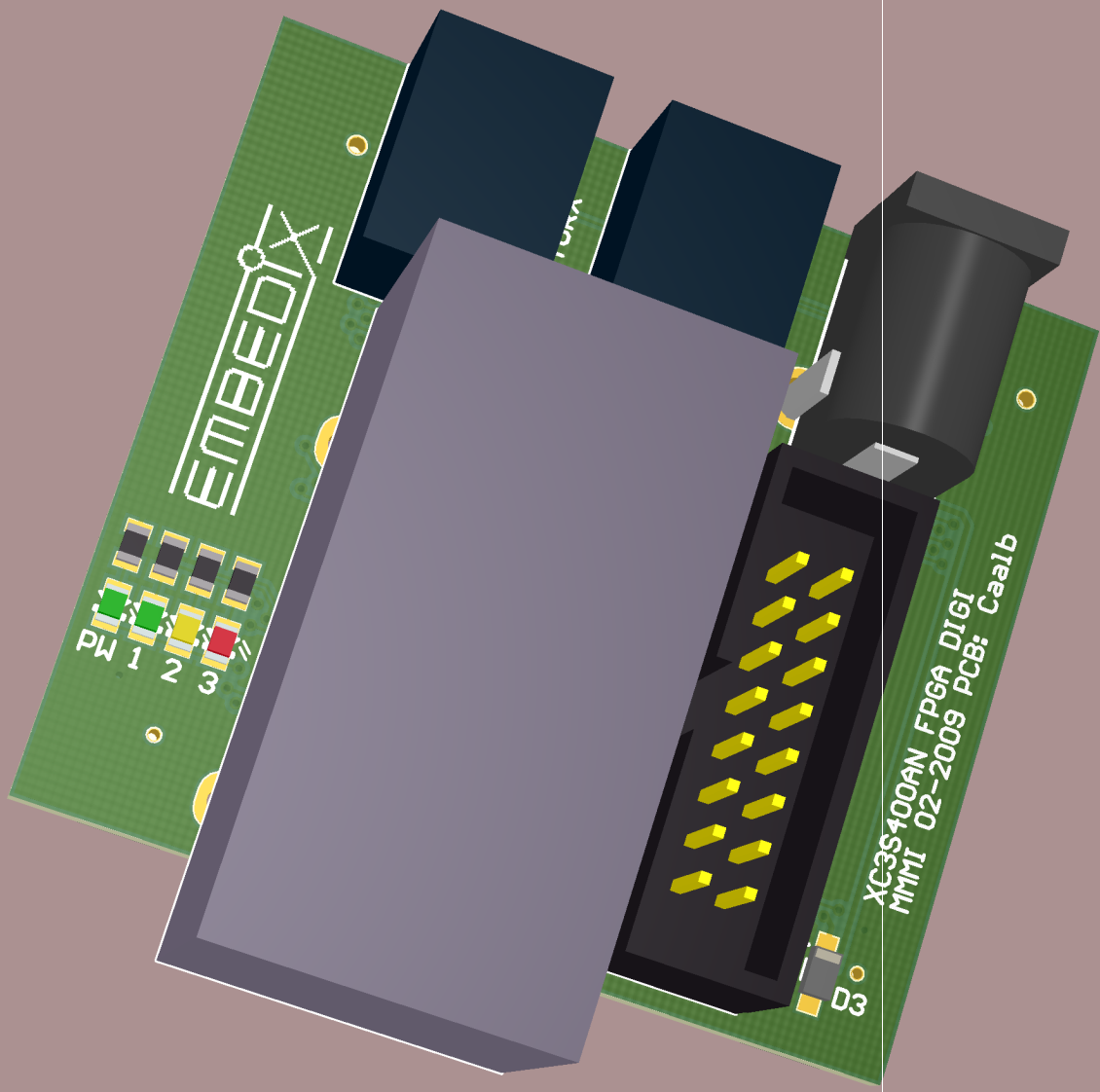
XC3S400AN FPGA DIGI
MMMI 02-2009 PCB: Caalb

I-19



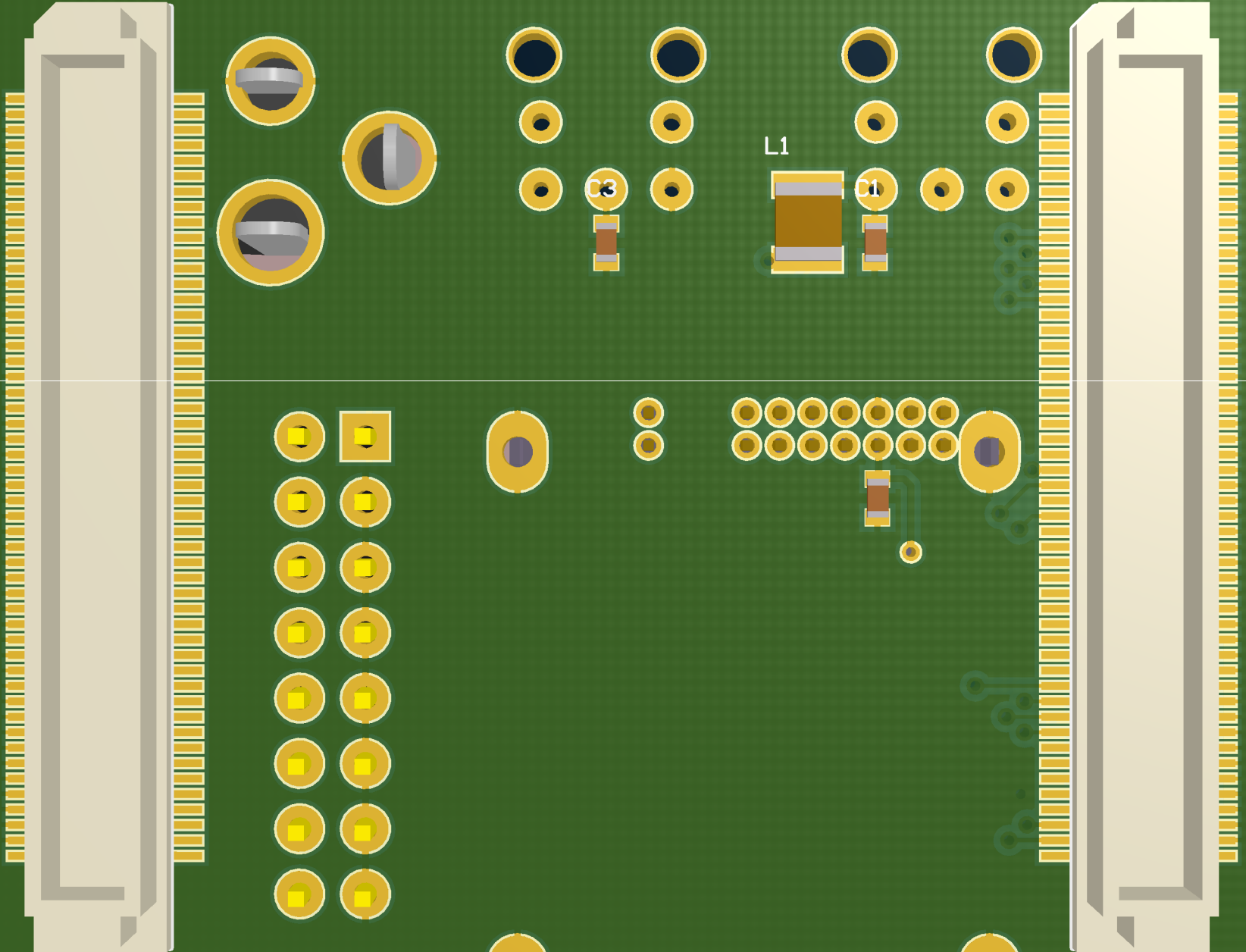
I-29





P2-1

P1-1



L1

C2

C1



Value	Description	Designator	Footprint	LibRef	Quantity	Dist
100nF	Capacitor	C1, C3	0603C	Cap	2	
1uF	Capacitor	C2	0603C	Cap	1	
	Digi One ME connector	U2	Digi Connect ME	Digi ME	1	
	FX8C-100S-SV(91)	P1-1, P2-1	FX8C-100P-SV6(91)	Header 50X2	2	
	Green	D1, D4	LED0805G	LED0	2	
	Header, 8-Pin, Dual row	P3	HDR2X8 FLAD	Header 8X2	1	
47uH	Inductor	L1	1210C	Inductor	1	Farnell: 145-7868
	Low Voltage Power Supply Connector	J1	DC FATN 2.0	PWR2.5	1	
	Optic Receiving module	U1	TOTX147	TORX147	1	Farnell: 1225768
	Optic Transmitting module	U3	TOTX147	TOTX147	1	Farnell: 1225773
	Red	D6	LED0805R	LED0	1	
330	Resistor	R1, R3, R4, R5	0805R	Res2	4	
	Schottky Rectifier	D3	CRS08	Diode 11DQ03	1	Farnell: 1300796
	Yellow	D5	LED0805Y	LED0	1	