HEAVY QUARK DETECTOR (126Y-267912) CLASS 2 BOARD PROPOSED TO BiRa ON: 06/18/2008

Proposed stacks		conventional	Micro-laser drill with B-Stage	Visual only	micro-laser WILL BE TAKING MY 1-3 AND STACK IT WITH THE 1-2 & 2-3 VIA'S	Visual only	micro-laser WILL BE TAKING MY 1-8 AND STACK IT WITH THE 1-2 & 2-8 VIA'S AND MY 9-16 AND STACKING IT WITH 15-16 & 9-15 VIA	
1 copper	0.0007		.004 hole 1-2 u .010 pad					GND/50 OHM SIGNAL
dielectric	0.003				.008 hole 1-3 u .016 pad			
2 copper	0.0007			.008 hole 2-3 u .016 pad				GND
dielectric	0.004							
3 copper	0.0007							**Pair Layer (3.5trace---5.5 space)**
dielectric	0.005							
4 copper	0.0007						.008 hole 1 thru 8 .016 pad	VDDA (POWER)
dielectric	0.004					.008 hole 2 thru 8 .016 pad		
5 copper	0.0007							**Pair Layer (3.5trace---5.5 space)**
dielectric	0.005							
6 copper	0.0007							**GND**
dielectric	0.004							
7 copper	0.0007							**Pair Layer (3.5trace---5.5 space)**
dielectric	0.005							
8 copper	0.0007	1 thru 16 .008 hole .018 pad						**GND / +5V**
dielectric	0.006							
9 copper	0.0007							**GND**
dielectric	0.005							
10 copper	0.0007							**Pair Layer (3.5trace---5.5 space)**
dielectric	0.004							
11 copper	0.0007							VDDD (POWER)
dielectric	0.005					.008 hole 9 thru 15 .016 pad		
12 copper	0.0007						.008 hole 9 thru 16 .016 pad	**Pair Layer (3.5trace---5.5 space)**
dielectric	0.0004							
13 copper	0.0007							GND
dielectric	0.005							
14 copper	0.0007			.008 hole 14-15 u .016 pad				SIGNAL
dielectric	0.004				.008 hole 14-16 u .016 pad			
15 copper	0.0007		.004 hole 15-16 u .010 pad					FPGA PWR
dielectric	0.003							
16 copper	0.0007							GND/50 OHM SIGNAL
	0.004	***plus plating (.001)						
thk	**0.0776**							