

	PA		PB		PC		PD	PE
0	Discovery	IN0	#4	IN8	Discovery	IN10	LCM_Bus	Discovery
1	#1	IN1	#5	IN9	LCM_Y-	IN11	LCM_Bus	Discovery
2	#2	IN2			LCM_X-	IN12	LCM_Bus	
3	#3	IN3	Discovery		Discovery	IN13	LCM_Bus	Discovery
4	Discovery	IN4			#6	IN14	Discovery	LCM_Bus
5	Discovery	IN5			#7	IN15	Discovery	LCM_Bus
6	Discovery	IN6	Discovery		LCM_RS			LCM_Bus
7	Discovery	IN7	BL		Discovery			LCM_Bus
8	PWR				LCM_WR			LCM_Bus
9	Discovery		Discovery		LCM_RD			LCM_Bus
10	Discovery		Discovery		Discovery			LCM_Bus
11	Discovery		LCM_Y+		LCM_CS			LCM_Bus
12	Discovery		LCM_X+		Discovery		Discovery(G)	LCM_Bus
13	Discovery						Discovery(O)	LCM_Bus
14	Discovery				32k OSC		Discovery(R)	LCM_Bus
15					32k OSC		Discovery(B)	LCM_Bus