



PA0	14	PA0	14	PC0	8	PC0
PA1	15	PA1	15	PC1	9	PC1
PA2	16	PA2	16	PC2	10	PC2
PA3	17	PA3	17	PC3	11	PC3
PA4	20	PA4	20	PC4	24	PC4
PA5	21	PA5	21	PC5	25	PC5
PA6	22	PA6	22	PC6	37	PC6
PA7	23	PA7	23	PC7	38	PC7
PA8	41	PA8	41	PC8	39	PC8
PA9	42	PA9	42	PC9	40	PC9
PA10	43	PA10	43	PC10	51	PC10
DM	44	PA11/D-	44	PC11	52	PC11
DP	45	PA12/D+	45	PC12	53	PC12
SWDIO	PA13	PA13/SWDIO	46	PC13	2	PC13
SWCLK	PA14	PA14/SWCLK	49	PC14	3	PC14
LED	PA15	PA15	50	PC15	4	PC15

PB0	26	PB0	26	PD2	54	LOCK
PB1	27	PB1	27	VBAT	1	3V3
PB2	28	PB2	28	VDD_1	48	
PB3	55	PB3	55	VDD_2	32	
PB4	56	PB4	56	VDD_3	19	
PB5	57	PB5	57	VDD_4	64	
PB6	58	PB6	58	VDD_A	13	3V3A
PB7	59	PB7	59	VSS_1	47	
PB8	61	PB8	61	VSS_2	31	
PB9	62	PB9	62	VSS_3	18	
PB10	29	PB10	29	VSS_4	63	
PB11	30	PB11	30	VSS_A	12	
PB12	33	PB12	33	PF0/OSC_IN	5	OSC_IN
PB13	34	PB13	34	PF1/OSC_OUT	6	OSC_OUT
PB14	35	PB14	35	NRST	7	NRST
PB15	36	PB15	36	BOOT0	60	BOOT0

P2

1	PA0
2	PA1
3	PA2
4	PA3
5	PA4
6	PA5
7	PA6
8	PA7
9	PA8
10	PA9
11	PA10
12	PA13
13	PA14
14	PA15
15	R5 1k BOOT0
16	R6 1k NRST
17	3V3
18	5V
19	GND
20	

Header 20

P3

1	PB0
2	PB1
3	PB2
4	PB3
5	PB4
6	PB5
7	PB6
8	PB7
9	PB8
10	PB9
11	PB10
12	PB11
13	PB12
14	PB13
15	PB14
16	PB15
17	3V3
18	5V
19	GND
20	

Header 20

P4

1	PC0
2	PC1
3	PC2
4	PC3
5	PC4
6	PC5
7	PC6
8	PC7
9	PC8
10	PC9
11	PC10
12	PC11
13	PC12
14	PC13
15	PC14
16	PC15
17	3V3
18	5V
19	GND
20	

Header 20

Title		
GEX Hub		
Size	Number	Revision
A4		2
Date:	19. 5. 2018	Sheet of
File:	D:\GEX\GEX_IDC\GEX_IDC.SchDoc	Drawn By: MightyPork