

Sheet1

PIN ASSIGNMENTS – 100-pin MicroMite.			
PIN:	FUNCTION:		
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01	TOUCH CS	51	"PIN-51" header
02	+3v3	52	CON10, Pin2 – SD card #2 CS
03	LCD DATA BIT 5	53	CON10, Pin6 – SD card #2 CD
04	LCD DATA BIT 6	54	USB Vbus
05	LCD DATA BIT 7	55	+3v3
06	LCD RD	56	USB D-
07	CLICK MODULE #2 INT	57	USB D+
08	CLICK MODULE #1 INT	58	LED D2 CATHODE/LCD F_CS
09	CLICK MODULE #2 PWM	59	GPIO 40
10	TOUCH/SD CARD/MEMORY CLK	60	GPIO 38
11	TOUCH/SD CARD/MEMORY DOUT	61	GPIO 36
12	TOUCH/SD CARD/MEMORY DIN	62	+3v3
13	MCLR (reset)	63	CRYSTAL
14	GPIO 39	64	CRYSTAL
15	GROUND	65	GROUND
16	+3v3	66	I2C SCL(RTC/Click 1 & 2/GPIO 34)
17	CON10, Pin7 – SD card #2 WP	67	I2C SDA(RTC/Click 1 & 2/GPIO 32)
18	LCD RS	68	GPIO 30
19	LCD WR	69	CLICK MODULE #2 CS
20	GPIO 37	70	CLICK MODULES SCK/GPIO 28
21	GPIO 35	71	CLICK MODULES MISO/GPIO 26
22	GPIO 33	72	CLICK MODULES MOSI/GPIO 24
23	CLICK MODULE #1 AN	73	CLICK MODULE #2 RST
24	GPIO 31/PROGRAMMER PGC	74	GPIO 22
25	GPIO 29/PROGRAMMER PGD	75	GROUND
26	GPIO 27	76	GPIO 11
27	CLICK MODULE #2 AN	77	GPIO 09
28	CLICK MODULE #1 CS	78	GPIO 07
29	CLICK MODULE #1 RST	79	GPIO 20
30	+3v3	80	GPIO 18
31	GROUND	81	GPIO 16
32	GPIO 25	82	CLICK MODULE #1 PWM
33	GPIO 23	83	KEYBOARD CLK
34	GPIO 21	84	KEYBOARD DTA
35	GPIO 19	85	Vcap
36	GROUND	86	+3v3
37	+3v3	87	CONSOLE TXD(out)
38	LED D3 CATHODE	88	GPIO 14
39	TOUCH CLICK PIEZO DRIVER	89	CONSOLE RXD(in)
40	TOUCH IRQ	90	GPIO 12
41	GPIO 17	91	GPIO 10
42	LCD RST	92	GPIO 08
43	GPIO 15	93	LCD DATA BIT 0
44	GPIO 13	94	LCD DATA BIT 1
45	GROUND	95	GPIO 06
46	+3v3	96	GPIO 04
47	SD CARD CS	97	GPIO 02
48	LCD BACKLIGHT PWM	98	LCD DATA BIT 2
49	USB ID/SENSE	99	LCD DATA BIT 3
50	RTC MODULE SQW	100	LCD DATA BIT 4

Pins with grey background cannot be changed to any other function.