

DuinoMiteMegaGPIO

GPIO Pin #	Non-Multiplex GPIO	Function	Arduino Pin #	Ana. In. [1]	Dig. In. [2]	+5V Tol. Input
1	x		A0	x	x	
2	x		A1	x	x	
3	x		A2	x	x	
4	x		A3	x	x	
5	Shared →	UEXT/SDA1 (4.7K Pullup to 3.3V)	A4	x	x	
6	Shared →	UEXT/SCL1 (4.7K Pullup to 3.3V)	A5	x	x	
7	Shared → ?	#SS (10K Pulled-up)	D10	x	x	
8	Shared →	UEXT/SD MOSI UART1/TX	D11		x	x
9	Shared →	UEXT/SD MISO UART1/RX	D12		x	x
10	Shared →	UEXT/SD CLK	D13		x	x
11	Shared →	RS232/UART5/RX/Com4	D0		x	x
12	Shared →	RS232/UART5/TX/Com4	D1		x	x
13	x	Com1 RX (Software UART)	D2		x	x
14	x	Com1 TX (Software UART)	D3		x	x
15	x		D4		x	x
16	x		D5		x	x
17	x	Com2 RX (Software UART)	D6		x	x
18	x	Com2 TX (Software UART)	D7		x	x
19	Shared →	UEXT_#CS VID_SEL	D8	x	x	
20	Shared →	VGA Signal	D9	x	x	

UEXT & OPT Pin #					
1		3.3 V			
2		GND			
3		UART2TX/Com3			
4		UART2RX/Com3			
5	Shared →	UEXT/SCL1/(4.7K Pullup to 3.3 V)			x
6	Shared →	UEXT/SDA1/(4.7K Pullup to 3.3 V)			x
7	Shared →	UEXT/SD MISO/D12			x
8	Shared →	UEXT/SD MOSI/D11			x
9	Shared →	UEXT/SD CLK/D13			x
10	Shared →	UEXT_#CS VID_SEL/D8			x

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Freq. In. [3]	Period In. [4]	Count In. [5]	INTERRUPT R[6] F[7]	Dig. Out [8]	Dig. Out [9] (+5V Open Col.)	GPIO Pin #
			X	X		1
			X	X		2
				X		3
				X		4
X	X	X	X	X		5
X	X	X	X	X		6
X	X	X	X	X		7
				X	X	8
				X	X	9
				X	X	10
				X		11
				X		12
				X	X	13
				X	X	14
				X	X	15
				X	X	16
				X	X	17
				X	X	18
				X		19
				X		20