

DuinoMiteMegaGPIO

GPIO Pin #	Non-Multiplex GPIO	Function	Arduino Pin #	Ana. In. [1]	Dig. In. [2]	+5V Tol. Input	Freq. In. [3]
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)	A4	x	x		x
6	Shared →	UEXT/SCL1 (4.7K Pullup)	A5	x	x		x
7	Shared → ?	#SS (10K Pulled-up)	D10	x	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	D0				
12	Shared →	RS232/UART5_TX	D1		x		
13	x		D2		x	x	
14	x		D3		x	x	
15	x		D4		x	x	
16	x		D5		x	x	
17	x		D6		x	x	
18	x		D7		x	x	
19	Shared →	UEXT_#CS VID_SEL	D8	x	x		
20	Shared →	VGA Signal / Yel. LED	D9	x	x		

UEXT & OPT Pin #	Function
1	3.3 VDC
2	GND
3	UART2_TX
4	UART2_RX
5	Shared → UEXT/SCL1/A5
6	Shared → UEXT/SDA1/A4
7	Shared → UEXT/SD MISO/D12
8	Shared → UEXT/SD MOSI/D11
9	Shared → UEXT/SD CLK/D13
10	Shared → UEXT_#CS VID_SEL/D8

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Period In. [4]	Count In. [5]	INTERRUPT		Dig. Out [8]	Dig. Out [9] (+5V Open Col.)	GPIO Pin #
		R[6]	F[7]			
			x	x		1
			x	x		2
				x		3
				x		4
x	x		x	x		5
x	x		x	x		6
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