

# FEZ Boards to Evaluate USBizi Chipsets

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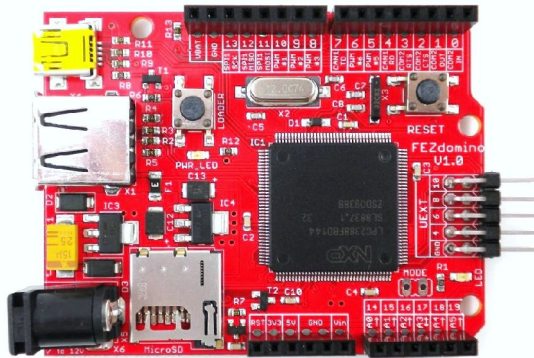
Reference Document



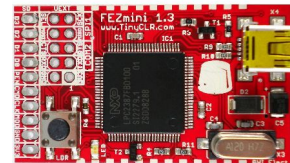
USBizi LQFP144 used with



USBizi LQFP100 used with



FEZ Domino



FEZ Mini

G H I E l e c t r o n i c s

GHI Electronics offers an open source hardware development platform for beginners powered by USBizi.

From the ground up, FEZ Mini and FEZ Domino boards are designed with help of USBizi chipsets to be extremely easy to learn. For more details about these products visit [www.tinyclr.com](http://www.tinyclr.com). This website also offers a free eBook for .NET Micro Framework beginners in addition to the FEZ (USBizi) tutorials.

All the design files for these boards are publish and can be taken as a referee for any USBizi based designed.

### USBizi LQFP144 pins mapping with FEZ Domino Board:

USBizi IO name	FEZ Domino name	USBizi Analog	FEZ Domino name
IO20*	Di0	ADC0	An0
IO18*	Di1	ADC1	An1
IO33* (open drain)	Di2	ADC2	An2
IO31* (open drain)	Di3	ADC3 (DAC)	An3
IO19*	Di4	ADC4	An4
IO2*	Di5	ADC5	An5
IO7*	Di6	USBizi PWM	FEZ Domino name
IO15*	Di7	PWM5	Di5
IO23	Di8	PWM6	Di6
IO25	Di9	PWM3	Di8
IO35	Di10	PWM2	Di9
IO41*	Di11	PWM1	Di10
IO40*	Di12	PWM4	LED
IO42*	Di13		
IO28*	An0		
IO26*	An1		
IO24*	An2		
IO22*	An3		
IO29	An4		
IO32	An5		
IO5*	UEXT3		
IO3*	UEXT4		
IO11*	UEXT5		
IO1*	UEXT6		
IO8*	UEXT7		
IO6*	UEXT8		
IO10*	UEXT9		
IO12*	UEXT10		
IO4*	LED		
IO0*	Loader Button		

\* Interrupt capable input.

**USBizi LQFP10 pins mapping with FEZ Mini Board:**

USBizi IO name	FEZ Domino name	USBizi Analog	FEZ Domino name
IO19*	Di2	ADC0	An0
IO35	Di3	ADC1	An1
IO15*	Di4	ADC2	An2
IO25	Di5	ADC3 (DAC)	An3
IO23	Di6	ADC4	An6
IO38*	Di7	ADC5	An7
IO39*	Di8	USBizi PWM	FEZ Domino name
IO2*	Di9	PWM1	Di3
IO7*	Di10	PWM2	Di5
IO28*	An0	PWM3	Di6
IO26*	An1	PWM5	Di9
IO24*	An2	PWM6	Di10
IO22*	An3	PWM4	LED
IO33* (open drain)	An4		
IO31* (open drain)	An5		
IO29	An6		
IO32	An7		
IO5*	UEXT3		
IO3*	UEXT4		
IO11*	UEXT5		
IO1*	UEXT6		
IO40*	UEXT7		
IO41*	UEXT8		
IO42*	UEXT9		
IO43*	UEXT10		
IO4*	LED		
IO0*	Loader Button		

COM1 is connected to on-board RS232 level converter.

\* Interrupt capable input.

**For further Information:****Related Documents:**

[USBizi Brochure and Pin-out](#)

[USBizi Module User Manual](#)

Links:

<http://www.ghielectronics.com>

<http://www.usbizi.com>

<http://www.tinyclr.com>

**Customer Technical Support:**

<http://www.ghielectronics.com/forum>



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