Function name	MADC_vInit	
Arguments	Input	none
	Output	none
Return	none	
description	Intialization of ADC	

Function name	MADC_u16ConvertToDigital		
Arguments	Input	ChannelNum	the channel number
	Output	none	
Return	The coversion of analoge signal		
description	Convert the analog signal to digital		

Function name	MADC_vDisable	
Arguments	Input	none
	Output	none
Return	none	
description	Disable the ADC	

Function name	MADC_vEnable	
Arguments	Input	none
	Output	none
Return	none	
description	Enable the ADC	

Function name	MADC_vRegINT_Disable	
Arguments	Input	none
	Output	none
Return	none	
description	Disable the RegINT	

Function name	MADC_vRegINTEnable	
Arguments	Input	none
	Output	none
Return	none	
description	Enable the RegINT	

Function name	MADC_vSelectMode		
Arguments	Input	ModeNum	The mode num of ADC
	Output	none	
Return	none		
description	Select the mode of ADC		

Function name	MADC_vSelectChannel		
Arguments	Input	ChannelNum	The channel num of ADC
	Output	none	
Return	none		
description	Select the channnel of ADC		

Function name	MADC_vStartConversion		
Arguments	Input	ChannelNum	The channel num of ADC
	Output	none	
Return	none		
description	Start conersion of analoge signal to digital		

Function name	MADC_vSelectChannelsOrder		
Arguments	Input	ChannelOrder	The channel oreder in ADC
	Output	none	
Return	none		
description	Select the order channnel in ADC		

Function name	MADC_vSelectSampleTime		
Arguments	Input	ChannelNum	The channel num in ADC
		SampleTime	Sampling time
	Output	none	
Return	none		
Description	Select the Sampling Time		

Function name	MADC_vSelectResolution		
Arguments	Input	Resolution	The conversion resolution
	Output	none	
Return	none		
description	Select the conversion resolution		

Function name	GetADCData		
Arguments	Input	none	
	Output	none	
Return	ADC conversion data (the converted digital signal)		
description	Get the converted signal		