Function name	MSysTick_vInit			
	Input	none		
Arguments	Output		none	
Return	none			
Description	Initialize the Systick module			
Function name	MSysTick_vSetBusyWait			
Arguments	Input	A_u32Ticks	umber of ticks to delay for	
	Output	none		
Return			none	
Description	Synchronous delay function			
		3.50		
Function name		MSysTick_vDelay		
	Input	A_u32Ticks	Number of ticks to delay for	
Arguments		A_u32TickType	Type of the delay	
	Output none			
Return	none			
Description	Synchronous delay function			
		MCvoT:	alr viDalaviMianaCaa	
Function name	MSysTick_vDelayMicroSec			
Arguments	Input	A_u32Ticks	Number of ticks to delay in micro seconds for	
Auguments	Output		none	
Return	none			
Description	Synchronous delay function			
1		<u> </u>	<u>, </u>	
Function name		MSysTi	ick_vDelayMilliSec	
Arguments	Input	A_u32Ticks	Number of ticks to delay in milli seconds for	
C	Output		none	
Return	none			
Description	Synchronous delay function			
Function name	MSysTick_vDelaySec			
Arguments	Input	A_u32Ticks	Number of ticks to delay in seconds for	
C	Output none			
Return	none			
Description	Synchronous delay function			
Function name			k_vSetSingleInterval	
		A_u32Ticks	Number of ticks to delay for	

Arguments	Input		Callback function to call when the			
	r ···	*A_Fptr	countdown has finished			
	Output		none			
Return	none					
Description	Asynchronous delay function					
Function name	MSysTick_vSetPeriodicInterval					
Arguments	Input	A_u32Ticks	Number of ticks to delay for			
		*A_Fptr	Callback function to call when the countdown has finished			
	Output					
Return	Output none					
Description	none Asynchronous delay function					
Description		Asynchronous delay function				
Function name	MSysTick_vStopInterval					
	Input none					
Arguments	Output	none				
Return	none					
Description		Stop the ir	nterval delay function			
Function name	MSysTick_u32GetElapsedTime					
Arguments	Input	none				
- Ingaments	Output none					
Return	Return the elapsed time since the start of the countdown					
Description	Return the elapsed time since the start of the countdown					
	1) (C TC' 1	226 . D			
Function name	MSysTick_u32GetRemainingTime					
Arguments	Input					
D (Output none					
Return	The remaining time in the Systick register Return the remaining time in the systick register					
Description		Return the remaini	ng time in the systick register			
Function name	MSysTick_vEnable					
1 unction name	Input none					
Arguments	Output		none			
Return	none					
Description	Enable the Systick timer					
·	-					
Function name	MSysTick_vDisable					
Arguments	Input		none			
	Output		none			
Return	none					

Description	Disable the Systick timer			
Function name	MSysTick_vEnableException			
Arguments	Input	none		
	Output	none		
Return	none			
Description	Enable the Systick Exception			
Function name	MSysTick_vDisableException			
Arguments	Input	none		
	Output	none		
Return		none		
Description	Disable the Systick Exception			