V2.84 Quick Reference Chart

Legend:
Black is for seldom used functions
949 Crestview Circle
Orange is for CREATE functions
Red is for DELETE functions
Weston, FL 33327
Blue is for commonly used functions
USA
Green is for comments

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		OPTIONS (opt)	Miscellaneous
Semaph	ores (OS_SEM.C)		
INT16U	OSSemAccept(OS EVENT *pevent);		
OS EVENT	*OSSemCreate(INT16U cnt);		
OS_EVENT	*OSSemDel(OS_EVENT *pevent, INT8U opt, INT8U *err);	OS_DEL_NO_PEND OS_DEL_ALWAYS	
roid INT8U	OSSemPend(OS_EVENT *pevent, INT16U timeout, INT8U *err); OSSemPendAbort(OS_EVENT *pevent, INT8U opt, INT8U *err);	OS_PEND_OPT_NONE OS_PEND_OPT_BROADCAST	
INT8U	OSSemPost(OS EVENT *pevent);		
INT8U	OSSemQuery(OS_EVENT *pevent, OS_SEM_DATA *p_sem_data);		OS.SEM_DATA: INT16U OSCht #if OS_VERSION < 280 INT8U OSEVentGrp INT8U OSEVentTbl[] #else INT16U OSEVentGrp INT16U OSEVentGrp INT16U OSEVentTbl[] #endif
roid	OSSemSet(OS_EVENT *pevent, INT16U cnt, INT8U *err);		
Mutual E	Exclusion Semaphores (OS_MUTEX.C)		
INT8U	OSMutexAccept(OS_EVENT *pevent, INT8U *err);		
OS_EVENT	*OSMutexCreate(INT8U prio, INT8U *err);		
OS_EVENT	*OSMutexDel(OS_EVENT *pevent, INT8U opt, INT8U *err);	OS_DEL_NO_PEND OS_DEL_ALWAYS	
void	OSMutexPend(OS_EVENT *pevent, INT16U timeout, INT8U *err);		
INT8U	OSMutexPost(OS_EVENT *pevent);		
INT8U	OSMutexQuery(OS_EVENT *pevent, OS_MUTEX_DATA *p_mutex_data);		OS_MUTEX_DATA: INT8U OSValue INT8U OSOwnerPrio INT8U OSWutexPIP #if OS_VERSION < 280 INT8U OSEventGrp INT8U OSEventTbl[] #else INT16U OSEventGrp INT16U OSEventTbl[] #endif

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		OPTIONS (opt)	Miscellaneous
Event Fla	gs (OS_FLAG.C)		
OS_FLAGS OS_FLAG_GRP OS_FLAG_GRP	OSFlagAccept(OS_FLAG_GRP *pgrp, OS_FLAGS flags, INT8U wait_type, INT8U *err); *OSFlagCreate(OS_FLAGS flags, INT8U *err); *OSFlagDel(OS_FLAG_GRP *pgrp, INT8U opt, INT8U *err);	OS_DEL_NO_PEND OS DEL ALWAYS	
INTBU void OS_FLAGS	OSFlagNameGet(OS_FLAG_GRP *pgrp, INT8U *pname, INT8U *err); OSFlagNameSet(OS_FLAG_GRP *pgrp, INT8U *pname, INT8U *err); OSFlagPend(OS_FLAG_GRP *pgrp, OS_FLAGS flags, INT8U wait_type, INT16U timeout, INT8U *err);	OO_DEL_ABMATO	wait_type: OS_FLAG_WAIT_CLR_ALL OS_FLAG_WAIT_CLR_AND OS_FLAG_WAIT_CLR_ANY OS_FLAG_WAIT_SET_ALL OS_FLAG_WAIT_SET_AND OS_FLAG_WAIT_SET_AND OS_FLAG_WAIT_SET_ANY OS_FLAG_WAIT_SET_OR + OS_FLAG_CONSUME
OS_FLAGS OS_FLAGS OS FLAGS	OSFlagPendGetFlagsRdy(void); OSFlagPost(OS_FLAG_GRP *pgrp, OS_FLAGS flags, INT8U opt, INT8U *err); OSFlagQuery(OS_FLAG_GRP *pgrp, INT8U *err);	OS_FLAG_CLR OS_FLAG_SET	
_	Mailboxes (OS MBOX.C)		
void OS_EVENT VOId	*OSMboxAccept(OS_EVENT *pevent); *OSMboxCreate(void *msg); *OSMboxDel(OS_EVENT *pevent, INT8U opt, INT8U *err); *OSMboxPend(OS_EVENT *pevent, INT16U timeout, INT8U *err);	OS_DEL_NO_PEND OS_DEL_ALWAYS	
INT8U	OSMboxPendAbort(OS_EVENT *pevent, INT8U opt, INT8U *err);	OS_PEND_OPT_NONE OS_PEND_OPT_BROADCAST	
INT8U INT8U	<pre>OSMboxPost(OS_EVENT *pevent, void *msg); OSMboxPostOpt(OS_EVENT *pevent, void *msg, INT8U opt);</pre>	OS_POST_OPT_NONE OS_POST_OPT_BROADCAST OS_POST_OPT_NO_SCHED	
INT8U	OSMboxQuery(OS_EVENT *pevent, OS_MBOX_DATA *p_mbox_data);		OS_MBOX_DATA: void *msg #if OS_VERSION < 280 INT8U OSEVENTGTP INT8U OSEVENTTbl[] #else INT16U OSEVENTGTP INT16U OSEVENTGTP INT16U OSEVENTGTP INT16U OSEVENTGTP #endif

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		OPTIONS (opt)	Miscellaneous
Messag	e Queues (OS_Q.C)		
void	*OSQAccept(OS_EVENT *pevent, INT8U *err);		
OS EVENT	*OSQCreate(void **start, INT16U size);		
OS_EVENT	*OSQDel(OS_EVENT *pevent, INT8U opt, INT8U *err);	OS_DEL_NO_PEND OS_DEL_ALWAYS	
INT8U	OSQFlush(OS_EVENT *pevent);		
void	*OSQPend(OS_EVENT *pevent, INT16U timeout, INT8U *err);		
INT8U	OSQPendAbort(OS_EVENT *pevent, INT8U opt, INT8U *err);	OS_PEND_OPT_NONE OS_PEND_OPT_BROADCAST	
INT8U	<pre>OSQPost(OS_EVENT *pevent, void *msg);</pre>		
INT8U	OSQPostFront(OS_EVENT *pevent, void *msg);		
INT8U	OSQPostOpt(OS_EVENT *pevent, void *msg, INT8U opt);	OS_POST_OPT_NONE OS_POST_OPT_BROADCAST OS_POST_OPT_FRONT OS_POST_OPT_NO_SCHED	
INTSU	OSQQuery(OS_EVENT *pevent, OS <u>Q</u> DATA *p <u>q</u> data);		OS_Q_DATA: void *OSMSg INT16U OSNMsgs INT16U OSQSize #if OS_VERSION < 280 INT8U OSEventGrp INT8U OSEventTb1[] #else INT16U OSEventGrp INT16U OSEventTb1[] #endif
Memory	Management (OS MEM.C)		
OS_MEM Void INT8U Void INT8U INT8U	*OSMemCreate(void *addr, INT32U nblks, INT32U blksize, INT8U *err); *OSMemSet(OS_MEM *pmem, INT8U *err); OSMemNameGet(OS_MEM *pmem, INT8U *pname, INT8U *err); OSMemNameSet(OS_MEM *pmem, INT8U *pname, INT8U *err); OSMemPut(OS_MEM *pmem, void *pblk); OSMemQuery(OS_MEM *pmem, OS_MEM_DATA *p_mem_data);		OS_MEM_DATA: void *OSAddr void *OSFreeList INT32U OSB1kSize INT32U OSNB1ks INT32U OSNFree INT32U OSNFree

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OPTIONS (opt) Miscellaneous Task Management (OS_TASK.C) OSTaskChangePrio(INT8U oldprio, INT8U newprio); INT8U INT8U OSTaskCreate(void (*task)(void *p_arg), void *p_arg, OS_STK *ptos, INT8U prio); INT8U OSTaskCreateExt(void (*task)(void *p_arg), void *p_arg, OS_STK *ptos, INT8U prio, INT16U id, OS_STK *pbos, INT32U stk_size, void *pext, INT16U opt); OS_TASK_OPT_NONE OS_TASK_OPT_STK_CHK OS_TASK_OPT_STK_CLR OS_TASK_OPT_SAVE_FP INT8U OSTaskDel(INT8U prio); INT8U OSTaskDelReq(INT8U prio); INT8U OSTaskNameGet(INT8U prio, INT8U *pname, INT8U *err); void OSTaskNameSet(INT8U prio, INT8U *pname, INT8U *err); INT8U OSTaskResume(INT8U prio); OSTaskSuspend(INT8U prio); INT8U OSTaskStkChk(INT8U prio, OS_STK_DATA *p_stk_data); INT8U OS STK DATA: INT32U .OSFree INT32U .OSUsed INT8U OSTaskQuery(INT8U prio, OS_TCB *p_task_data); Time Management (OS_TIME.C) OSTimeDly(INT16U ticks); void INT8U OSTimeDlyHMSM(INT8U hours, INT8U minutes, INT8U seconds, INT16U milli); INT8U OSTimeDlyResume(INT8U prio); INT32U OSTimeGet(void); void OSTimeSet(INT32U ticks); OSTimeTick(void); void

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Timer Management (OS_TMR.C)								
OS_TMR	*OSTmrCreate	(INT32U INT32U INT8U OS_TMR_CALLBACK void INT8U INT8U	<pre>dly, period, opt, callback, *callback_arg, *pname, *perr);</pre>					
BOOLEAN	OSTmrDel	(OS_TMR INT8U	*perr);					
INT8U	OSTmrNameGet	(OS_TMR INT8U INT8U	*ptmr, *pdest, *perr);					
INT32U	OSTmrRemainGet	(OS_TMR INT8U	*ptmr, *perr);					
INT8U	OSTmrStateGet	(OS_TMR INT8U	*ptmr, *perr);					
BOOLEAN	OSTmrStart	(OS_TMR INT8U	*ptmr, *perr);	OS_TMR_OPT_PERIODIC OS_TMR_OPT_ONE_SHOT				
void	OSTmrStop	(OS_TMR INT8U void INT8U	<pre>*ptmr, opt, *callback_arg, *perr);</pre>	OS_TMR_OPT_NONE OS_TMR_OPT_CALLBACK OS_TMR_OPT_CALLBACK_ARG				
void	OSTmrSignal	(void);						
Miscellan	eous (OS_CC	RE.C)						
INT8U void void void void void void void void	OSEventNameGet(OS_EVENT *pevent, INT8U *pname, INT8U *err); OSSventNameSet(OS_EVENT *pevent, INT8U *pname, INT8U *err); OSInit(void); OSIntEnter(void); OSIntExit(void); OSSchedUnlock(void); OSSchedUnlock(void); OSSchedUnlock(void); OSStart(void); OSStart(void); OSStart(void); OSStart(void); OSStart(void); OSStart(void);							
void	OSCtxSw(void);	O_A.ASIVI)						
void void void	OSCEXSW(VOId); OSIntCtxSw(void OSStartHighRdy(
	tions (OS_CF							
void void void void void void void void	OSInitHookBegin(void); OSInitHookBedin(void); OSTaskCleateHook(OS_TCB *ptcb); OSTaskDelHook(OS_TCB *ptcb); OSTaskSdelHook(OS_TCB *ptcb); OSTaskStatHook(void); OSTaskStatHook(void); OSTaskStkInit(void (*task)(void *p_arg), void *p_arg, OS_STK *ptos, INT16U opt); OSTaskSwHook(void); OSTCBInitHook(OS_TCB *ptcb); OSTimeTiokHook(void);							