V2.92.07 Quick Reference Chart

Legend:
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				OPTIONS (opt)	Miscellaneous
Semaph	ores (OS_SEM.C)				
INT16U OS_EVENT OS_EVENT	OSSemAccept *OSSemCreate *OSSemDel	(OS_EVENT (INT16U (OS_EVENT INT8U INT8U	<pre>*pevent); cnt); *pevent, opt, *perr);</pre>	OS_DEL_NO_PEND OS_DEL_ALWAYS	
void	OSSemPend	(OS_EVENT INT32U INT8U	<pre>*pevent, timeout, *err);</pre>		
INT8U	OSSemPendAbort	(OS_EVENT INT8U INT8U	<pre>*pevent, opt, *perr);</pre>	OS_PEND_OPT_NONE OS_PEND_OPT_BROADCAST	
INT8U INT8U	OSSemPost OSSemQuery	(OS_EVENT (OS_EVENT OS_SEM_DATA	<pre>*pevent); *pevent, *p_sem_data);</pre>		OS_SEM_DATA: INT16U OSCNt #if OS_LOWEST_PRIO <= 63 INT8U OSEventGrp INT8U OSEventTbl[] #else INT16U OSEventGrp INT16U OSEventTbl[] #endif
void	OSSemSet	(OS_EVENT INT16U INT8U	*pevent, cnt, *perr):		

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				OPTIONS (opt)	Miscellaneous
Mutual I	Exclusion Semap	hores (OS_MU1	EX.C)		
BOOLEAN	OSMutexAccept	(OS_EVENT INT8U	*pevent, *perr);		
OS_EVENT	*OSMutexCreate	(INT8U INT8U	<pre>prio, *perr);</pre>		
OS_EVENT	*OSMutexDel	(OS_EVENT INT8U INT8U	<pre>*pevent, opt, *perr);</pre>	OS_DEL_NO_PEND OS_DEL_ALWAYS	
void	OSMutexPend	(OS_EVENT INT32U INT8U	<pre>*pevent, timeout, *perr);</pre>		
INT8U INT8U	OSMutexPost OSMutexQuery	(OS_EVENT	<pre>*pevent); *pevent, *p_mutex_data);</pre>		OS_MUTEX_DATA: BOOLEAN OSValue INT8U OSWmerPrio INT8U OSWmtexPIP #if OS_LOWEST_PRIO <= 63 INT8U OSEVentGrp INT8U OSEVentTD1[]
					<pre>#else INT16U OSEventGrp INT16U OSEventTbl[] #endif</pre>

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				OPTIONS (opt)	Miscellaneous
Event Fla	gs (OS_FLAG.C)				
OS_FLAGS	OSFlagAccept	(OS_FLAG_GRP OS_FLAGS INT8U INT8U	<pre>*pgrp, flags, wait_type, *perr);</pre>		
OS_FLAG_GRP	*OSFlagCreate	(OS_FLAGS INT8U	<pre>flags, *perr);</pre>		
OS_FLAG_GRP	*OSFlagDel	(OS_FLAG_GRP INT8U INT8U	*pgrp, opt, *perr);	OS_DEL_NO_PEND OS_DEL_ALWAYS	
INT8U	OSFlagNameGet	(OS_FLAG_GRP INT8U INT8U	*pgrp, **pname, *perr);		
void	OSFlagNameSet	(OS_FLAG_GRP INT8U INT8U	*pgrp, *pname, *perr);		
OS_FLAGS	OSFlagPend	(OS_FLAG_GRP OS_FLAGS INT8U INT16U INT8U	<pre>*pgrp, flags, wait_type, timeout, *perr);</pre>		wait_type: OS_FLAG_WAIT_CLR_ALL OS_FLAG_WAIT_CLR_AND OS_FLAG_WAIT_CLR_OR OS_FLAG_WAIT_SET_ALL OS_FLAG_WAIT_SET_AND OS_FLAG_WAIT_SET_AND OS_FLAG_WAIT_SET_OR + OS_FLAG_WAIT_SET_OR
OS_FLAGS OS_FLAGS	OSFlagPendGetFlagsRdy OSFlagPost	(void); (OS_FLAG_GRP OS_FLAGS INT8U INT8U	*pgrp, flags, opt, *perr);	OS_FLAG_CLR OS_FLAG_SET	
OS_FLAGS	OSFlagQuery	(OS_FLAG_GRP INT8U	*pgrp, *perr);		

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				OPTIONS (opt)	Miscellaneous		
Messag	essage Mailboxes (OS_MBOX.C)						
void OS_EVENT OS_EVENT void	*OSMboxPend	(OS_EVENT (void (OS_EVENT INT8U INT8U INT8U INT8U INT32U INT8U	<pre>*pevent); *msg); *pevent, opt, *perr); *pevent, timeout, *perr);</pre>	OS_DEL_NO_PEND OS_DEL_ALWAYS			
INT8U	OSMboxPendAbort	(OS_EVENT INT8U INT8U	*pevent, opt, *perr);	OS_PEND_OPT_NONE OS_PEND_OPT_BROADCAST			
INT8U	OSMboxPostOpt	(OS_EVENT void (OS_EVENT void INT8U	<pre>*pevent, *pmsg); *pevent, *pmsg, opt);</pre>	OS_POST_OPT_NONE OS_POST_OPT_BROADCAST OS_POST_OPT_NO_SCHED			
INT8U	OSMboxQuery	(OS_EVENT OS_MBOX_DATA	*pevent, *p_mbox_data);		OS MBOX_DATA: void *msg #if OS_LOWEST_PRIO <= 63 INTBU OSEVentGrp INTBU OSEVentTbl[] #else INTI6U OSEVentGrp INTI6U OSEVentGrp INTI6U OSEVentGrp INTI6U OSEVentTbl[] #endif		

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				OPTIONS (opt)	Miscellaneous
Messag	e Queues (OS_Q.	.C)			
void	*OSQAccept	(OS_EVENT INT8U	*pevent, *perr);		
OS_EVENT	*OSQCreate	(void INT16U	**start, size);		
OS_EVENT	*OSQDel	(OS_EVENT INT8U INT8U	<pre>*pevent, opt, *perr);</pre>	OS_DEL_NO_PEND OS_DEL_ALWAYS	
INT8U	OSQFlush	(OS_EVENT	*pevent);		
void	*OSQPend	(OS_EVENT INT32U INT8U	<pre>*pevent, timeout, *perr);</pre>		
INT8U	OSQPendAbort	(OS_EVENT INT8U INT8U	*pevent, opt, *perr);	OS_PEND_OPT_NONE OS_PEND_OPT_BROADCAST	
INT8U	OSQPost	(OS_EVENT void	*pevent, *pmsg);		
INT8U	OSQPostFront	(OS_EVENT void	*pevent, *pmsg);		
INT8U	OSQPostOpt	(OS_EVENT void INT8U	*pevent, *pmsg, opt);	OS_POST_OPT_NONE OS_POST_OPT_BROADCAST OS_POST_OPT_FRONT OS_POST_OPT_NO_SCHED	
INT8U	OSQQuery	(OS_EVENT OS_O_DATA	*pevent, *p_q_data);		OS_Q_DATA: void *OSMSg INT16U OSNMsgs INT16U OSQSize #if OS_LOWEST_PRIO <= 63 INT8U OSEVENTOFP INT8U OSEVENTOFP INT8U OSEVENTOFP INT16U OSEVENTOFP INT16U OSEVENTOFP INT16U OSEVENTOFP INT16U OSEVENTOFP

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				OPTIONS (opt)	Miscellaneous
Memory	emory Management (OS_MEM.C)				
OS_MEM	*OSMemCreate	(void INT32U INT32U INT8U	<pre>*addr, nblks, blksize, *perr);</pre>		
void	*OSMemGet	(OS_MEM INT8U	*pmem, *perr);		
INT8U	OSMemNameGet	(OS_MEM INT8U INT8U	*pmem, **pname, *perr);		
void	OSMemNameSet	(OS_MEM INT8U INT8U	*pmem, *pname, *perr);		
INT8U	OSMemPut	(OS_MEM	*pmem, *pblk);		
INT8U	OSMemQuery	(OS_MEM OS_MEM_DATA	*pmem, *p_mem_data);		OS_MEM_DATA: void *OSAddr void *OSFreeList INT32U OSBLKSize INT32U OSNBLks INT32U OSNBLks INT32U OSNBLks

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				OPTIONS (opt)	Miscellaneous
Task Ma	anagement (OS_TA	ASK.C)			
INT8U	OSTaskChangePrio	(INT8U INT8U	oldprio, newprio);		
INT8U	OSTaskCreate	(void void OS_STK INT8U	<pre>(*task) (void *p_arg), *p_arg, *ptos, prio);</pre>		
INTSU	OSTaskCreateExt	(void void OS_STK INT8U INT16U OS_STK INT32U void INT16U	<pre>(*task) (void *p_arg), *p_arg, *ptos, prio, id, *pbos, stk_size, *pext, opt);</pre>	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 INT8U INT8U	<pre>prio, **pname, *perr);</pre>		
void	OSTaskNameSet	(INT8U INT8U INT8U	<pre>prio, *pname, *perr);</pre>		
INT32U	OSTaskRegGet	(INT8U INT8U INT8U	<pre>prio, id, *perr);</pre>		
INT8U	OSTaskRegGetID	(INT8U	*perr);		
void	OSTaskRegSet	(INT8U INT8U INT32U INT8U	<pre>prio, id, value, *perr);</pre>		
INT8U	OSTaskResume	(INT8U	prio);		
INT8U INT8U	OSTaskSuspend OSTaskStkChk	(INT8U (INT8U OS_STK_DATA	<pre>prio); prio, *p_stk_data);</pre>		OS_STK_DATA: INT32U .OSFree INT32U .OSUsed
INT8U	OSTaskQuery	(INT8U OS_TCB	prio, *p_task_data);		

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OPTIONS (opt) Miscellaneous Time Management (OS_TIME.C) void OSTimeDly (INT32U ticks); INT8U OSTimeDlyHMSM (INT8U hours, INT8U minutes, INT8U INT16U milli); INT8U OSTimeDlyResume (INT8U prio); INT32U OSTimeGet (void); void OSTimeSet (INT32U ticks); void OSTimeTick (void);

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				OPTIONS (opt)	Miscellaneous
Timer N	lanagement (OS_	TMR.C)			
OS_TMR	*OSTmrCreate	(INT32U INT32U INT8U OS_TMR_CAL VOID INT8U INT8U	<pre>dly, period, opt, LBACK callback, *callback_arg, *pname, *perr);</pre>		
BOOLEAN	OSTmrDel	(OS_TMR INT8U	*ptmr, *perr);		
INT8U	OSTmrNameGet	(OS_TMR INT8U INT8U	<pre>*ptmr, **pdest, *perr);</pre>		
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):			

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					OPTIONS (opt)	Miscellaneous
Miscellan	fliscellaneous (OS_CORE.C)					
INT8U	OSEventNameGet	(OS_EVENT INT8U INT8U	*pevent, **pname, *perr);			
void	OSEventNameSet	(OS_EVENT INT8U INT8U	*pevent, *pname, *perr);			
void	OSEventPendMulti	(OS_EVENT OS_EVENT void INT16U INT8U	**pevents_pend, **pevents_rdy, **pmsgs_rdy, timeout, *perr);			
void	OSInit	(void);				
void	OSIntEnter	(void);				
void	OSIntExit	(void);				
void	OSSafetyCriticalStart					
void	OSSchedLock	(void);				
void	OSSchedUnlock	(void);				
void	OSStart	(void);				I
void	OSStatInit	(void);				
INT16U	OSVersion	(void);				

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				OPTIONS (opt)	Miscellaneous
Port Fu	nctions (OS_CPU_	A.ASM)			
void	OSCtxSw	(void);			
void	OSIntCtxSw	(void);			
void	OSStartHighRdy	(void);			
Port Fu	nctions (OS_CPU_	C.C)			
void	OSInitHookBegin	(void);			
void	OSInitHookEnd	(void);			
void	OSTaskCreateHook	(OS_TCB	*ptcb);		
void	OSTaskDelHook	(OS_TCB	*ptcb);		
void	OSTaskIdleHook	(void);			
void	OSTaskReturnHook	(OS_TCB	*ptcb);		
void	OSTaskStatHook	(void);			
OS_STK	*OSTaskStkInit	(void	(*task) (void *p_arg),		
_		void	*p_arg,		
		OS_STK	*ptos,		
		INT16U	opt);		
void	OSTaskSwHook	(void);			
void	OSTCBInitHook	(OS_TCB	*ptcb);		
woid	OSTIMOTICKHOOK	(moid):			