Register	in FT800	in FT810	Notes Ir	mplemented	Tested
REG ID			YE		OK
REG FRAMES			YE		
REG CLOCK			YE		
REG_FREQUENCY			YE		
REG RENDERMODE			YE		
REG_SNAPY			YE		
REG_SNAPSHOT			YE		
REG_CPURESET			YE		
REG_TAP_CRC			YE		
REG TAP MASK			YE		
REG_HCYCLE			YE		OK
REG_HOFFSET			YE		OK
REG_HSIZE			YE		OK
REG_HSYNC0			YE		OK
REG HSYNC1			YE		OK
REG VCYCLE			YE		OK
REG VOFFSET			YE		OK
REG_VSIZE			YE		OK
REG VSYNC0			YE		OK
REG_VSYNC1			YE		OK
REG DLSWAP			YE		OK
REG_ROTATE			YE		
REG_OUTBITS			YE		
REG_DITHER			YE		
REG SWIZZLE			YE		OK
REG_CSPREAD			YE	S	
REG_PCLK_POL			YE		OK
REG_PCLK			YE		OK
REG_TAG_X			YE	S	
REG_TAG_Y			YE		
REG_TAG			YE		
REG VOL PB			YE		OK
REG VOL SOUND			YE		OK
REG_SOUND			YE		OK
REG_PLAY			YE		OK
REG GPIO DIR			YE		OK
REG GPIO			YE		OK
REG INT_FLAGS			YE		
REG_INT_EN			YE		
REG INT MASK			YE		
REG PLAYBACK START			YE		OK
REG PLAYBACK LENGTH			YE		OK
REG_PLAYBACK_READPTR			YE		OK

REG_PLAYBACK_FREQ			OK
REG_PLAYBACK_FORMAT			OK

Register	in FT800	in FT810	Notes	Implemented	Tested
REG_PLAYBACK_LOOP			Y	/ES	OK
REG_PLAYBACK_PLAY			Y	/ES	OK
REG_PWM_HZ			Y	/ES	
REG_PWM_DUTY			Y	/ES	OK
REG_MACRO_0				/ES	OK
REG_MACRO_1				/ES	OK
REG_CMD_READ			Y	/ES	OK
REG_CMD_WRITE			Y	/ES	OK
REG_CMD_DL			Y	/ES	
REG_TOUCH_MODE				/ES	OK
REG_TOUCH_ADC_MODE				/ES	
REG_TOUCH_CHARGE				/ES	
REG_TOUCH_SETTLE			Y	/ES	
REG_TOUCH_OVERSAMPLE				/ES	
REG_TOUCH_RZTHRESH			Y	/ES	OK
REG_TOUCH_RAW_XY				/ES	
REG_TOUCH_RZ				/ES	
REG_TOUCH_SCREEN_XY				/ES	
REG_TOUCH_TAG_XY				/ES	
REG_TOUCH_TAG			Y	/ES	OK
REG_TOUCH_TRANSFORM_A				/ES	OK
REG_TOUCH_TRANSFORM_B				/ES	OK
REG_TOUCH_TRANSFORM_C				/ES	OK
REG_TOUCH_TRANSFORM_D			Y	/ES	OK
REG_TOUCH_TRANSFORM_E				/ES	OK
REG_TOUCH_TRANSFORM_F				/ES	OK
REG_TOUCH_DIRECT_XY				/ES	
REG_TOUCH_DIRECT_Z1Z2				/ES	
REG_TRACKER			Y	/ES	

Command	in FT800	in FT810	Notes	Implemented	Tested
DL DISPLAY				YES	OK
DL BITMAP SOURCE				YES	OK
DL CLEAR COLOR RGB				YES	OK
DL_TAG				YES	OK
DL COLOR RGB				YES	OK
DL_BITMAP_HANDLE				YES	OK
DL_CELL				YES	OK
DL_BITMAP_LAYOUT				YES	OK
DL BITMAP SIZE				YES	OK
DL ALPHA FUNC				YES	
DL STENCIL FUNC				YES	
DL BLEND FUNC				YES	OK
DL STENCIL OP				YES	
DL_POINT_SIZE				YES	ОК
DL LINE WIDTH				YES	OK
DL COLOR A				YES	OK
DL CLEAR STENCIL				YES	OK
DL CLEAR TAG				YES	OK
DL STENCIL MASK				YES	
DL TAG MASK				YES	OK
DL_BITMAP_TFORM_A				YES	OK
DL_BITMAP_TFORM_B				YES	OK
DL_BITMAP_TFORM_C				YES	OK
DL_BITMAP_TFORM_D				YES	OK
DL_BITMAP_TFORM_E				YES	OK
DL_BITMAP_TFORM_F				YES	OK
DL SCISSOR XY				YES	ОК
DL_SCISSOR_SIZE				YES	OK
DL_JUMP				YES	
DL BEGIN				YES	OK
DL CALL				YES	
DL COLOR MASK				YES	OK
DL_END				YES	OK
DL SAVE CONTEXT				YES	OK
DL_RESTORE_CONTEXT				YES	ОК
DL_RETURN				YES	
DL_MACRO				YES	OK
DL_CLEAR				YES	ОК
DL_VERTEX2F				YES	ОК
DL_VERTEX2II				YES	ОК
DL_VERTEX_FORMAT			New command in FT810. In FT800, in software.	YES	ОК
DL_BITMAP_LAYOUT_H				YES	ОК
DL BITMAP SIZE H				YES	ОК

DL_PALETTE_SOURCE		YES	
DL_VERTEX_TRANSLATE_X		YES	OK
DL_VERTEX_TRANSLATE_Y		YES	OK
DL_NOP		YES	OK

CMD_INTERRUPT CMD_BGCOLOR CMD_FGCOLOR CMD_FGCOLOR CMD_GRADIENT CMD_TEXT CMD_TEXT CMD_BUTTON CMD_EXT CMD_PROGRESS CMD_PROGRESS CMD_PROGRESS CMD_SCROLLBAR CMD_TOGGLE CMD_TEXT CMD_TOGGLE CMD_TEXT CMD_TOGGLE CMD_TOGGLE CMD_TOGGLE CMD_TOGGLE CMD_TOGGLE CMD_TOGGLE CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_TOGGLE CMD_TOGGLE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_TOGGLE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_CALIBRATE CMD_MEMCRC CMD_MEMSET CMD_MEMSE	)K
CMD_INTERRUPT         YES           CMD_BGCOLOR         YES           CMD_FGCOLOR         YES           CMD_GRADIENT         YES           CMD_TEXT         YES           CMD_BUTTON         YES           CMD_KEYS         YES           CMD_PROGRESS         YES           CMD_SLIDER         YES           CMD_SCROLLBAR         YES           CMD_TOGGLE         YES           CMD_GAUGE         YES           CMD_CLOCK         YES           CMD_CALIBRATE         YES           CMD_SPINNER         YES           CMD_STOP         YES           CMD_MEMCRC         CMD_MEMCRC           CMD_MEMCRET         OMO MEMCRO           CMD_MEMSET         OMO MEMSET           CMD_MEMSET         YES           CMD_MEMSERO         YES	JIN
CMD_BGCOLOR CMD_FGCOLOR CMD_GRADIENT CMD_TEXT CMD_BUTTON CMD_BUTTON CMD_KEYS CMD_PROGRESS CMD_SLIDER CMD_SCROLLBAR CMD_TEXT YES CMD_TEXT YES CMD_SLIDER CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_CLOCK CMD_SPINNER CMD_SPINNER CMD_STOP CMD_MEMSET CMD_MEMSE	OK
CMD_FGCOLOR         YES         O           CMD_GRADIENT         YES         O           CMD_TEXT         YES         O           CMD_BUTTON         YES         O           CMD_KEYS         YES         O           CMD_PROGRESS         YES         O           CMD_SUIDER         YES         O           CMD_SCROLLBAR         YES         O           CMD_TOGGLE         YES         O           CMD_GAUGE         YES         O           CMD_CLOCK         YES         O           CMD_CALIBRATE         YES         O           CMD_SPINNER         YES         O           CMD_STOP         YES         O           CMD_MEMCRC         C         C           CMD_REGREAD         C         CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES           CMD_MEMSET         YES         O         YES         O	
CMD_GRADIENT         YES         O           CMD_TEXT         YES         O           CMD_BUTTON         YES         O           CMD_KEYS         YES         O           CMD_PROGRESS         YES         O           CMD_SCROLLBAR         YES         O           CMD_SCROLLBAR         YES         O           CMD_TOGGLE         YES         O           CMD_GAUGE         YES         O           CMD_CLOCK         YES         O           CMD_CLOCK         YES         O           CMD_SPINNER         YES         O           CMD_SPINNER         YES         O           CMD_MEMCRC         YES         O           CMD_MEMCRC         C         C           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES           CMD_MEMSET         YES         O           CMD_MEMSET         YES         O           CMD_MEMZERO         YES         O	OK
CMD_GRADIENT         YES         O           CMD_TEXT         YES         O           CMD_BUTTON         YES         O           CMD_KEYS         YES         O           CMD_PROGRESS         YES         O           CMD_SCROLLBAR         YES         O           CMD_SCROLLBAR         YES         O           CMD_TOGGLE         YES         O           CMD_GAUGE         YES         O           CMD_CLOCK         YES         O           CMD_CLOCK         YES         O           CMD_SPINNER         YES         O           CMD_SPINNER         YES         O           CMD_MEMCRC         YES         O           CMD_MEMCRC         C         C           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES           CMD_MEMSET         YES         O           CMD_MEMSET         YES         O           CMD_MEMZERO         YES         O	OK
CMD_BUTTON CMD_KEYS YES O CMD_PROGRESS YES O CMD_SLIDER YES O CMD_SCROLLBAR YES O CMD_TOGGLE YES O CMD_GAUGE YES O CMD_CLOCK YES O CMD_CLOCK YES O CMD_CALIBRATE YES O CMD_SPINNER YES O CMD_STOP CMD_MEMCRC CMD_MEMCRC CMD_REGREAD CMD_MEMWRITE CMD_MEMSET CMD_MEMSET CMD_MEMSET CMD_MEMZERO YES O CMD_MEMSET YES O CMD_MEMSET CMD_MEMZERO YES O CMD_MEMZERO YES O CMD_MEMZERO YES O CMD_MEMSET YES O CMD_MEMZERO	OK
CMD_KEYS	OK
CMD_PROGRESS         YES         O           CMD_SLIDER         YES         O           CMD_SCROLLBAR         YES         O           CMD_TOGGLE         YES         O           CMD_GAUGE         YES         O           CMD_CLOCK         YES         O           CMD_CALIBRATE         YES         O           CMD_SPINNER         YES         O           CMD_STOP         YES         O           CMD_MEMCRC         CMD_MEMCRC         YES         O           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES         Y           CMD_MEMSET         YES         O         YES         O           CMD_MEMZERO         YES         O         O	OK
CMD_SCROLLBAR  CMD_TOGGLE  CMD_GAUGE  CMD_CLOCK  CMD_CALIBRATE  CMD_SPINNER  CMD_STOP  CMD_MEMCRC  CMD_REGREAD  CMD_MEMSET  CMD_MEMSET  CMD_MEMSET  CMD_MEMZERO  YES  O Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	OK
CMD_SCROLLBAR  CMD_TOGGLE  CMD_GAUGE  CMD_CLOCK  CMD_CALIBRATE  CMD_SPINNER  CMD_STOP  CMD_MEMCRC  CMD_REGREAD  CMD_MEMSET  CMD_MEMSET  CMD_MEMSET  CMD_MEMZERO  YES  O Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	OK
CMD_SCROLLBAR  CMD_TOGGLE  CMD_GAUGE  CMD_CLOCK  CMD_CALIBRATE  CMD_SPINNER  CMD_STOP  CMD_MEMCRC  CMD_REGREAD  CMD_MEMWRITE  CMD_MEMWRITE  CMD_MEMSET  CMD_MEMZERO  YES  O  YES  O  YES  O  O  YES  O  O  O  O  O  O  O  O  O  O  O  O  O	OK
CMD_GAUGE         YES         O           CMD_CLOCK         YES         O           CMD_CALIBRATE         YES         O           CMD_SPINNER         YES         O           CMD_STOP         YES         O           CMD_MEMCRC         CMD_REGREAD         YES           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES           CMD_MEMSET         YES         O           CMD_MEMZERO         YES         O	OK .
CMD_GAUGE         YES         O           CMD_CLOCK         YES         O           CMD_CALIBRATE         YES         O           CMD_SPINNER         YES         O           CMD_STOP         YES         O           CMD_MEMCRC         CMD_REGREAD         YES           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES           CMD_MEMSET         YES         O           CMD_MEMZERO         YES         O	OK .
CMD_CLOCK         YES         O           CMD_CALIBRATE         YES         O           CMD_SPINNER         YES         O           CMD_STOP         YES         O           CMD_MEMCRC         CMD_REGREAD         YES           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES           CMD_MEMSET         YES         O           CMD_MEMZERO         YES         O	OK
CMD_CALIBRATE         YES         O           CMD_SPINNER         YES         O           CMD_STOP         YES         O           CMD_MEMCRC         CMD_REGREAD         Investigating           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES           CMD_MEMSET         YES         YES           CMD_MEMZERO         YES         O	OK .
CMD_SPINNER         YES         O           CMD_STOP         YES         O           CMD_MEMCRC         CMD_REGREAD         E           CMD_MEMWRITE         doesn't work on FT801. Investigating.         YES         YES           CMD_MEMSET         YES         YES         O           CMD_MEMZERO         YES         O	OK .
CMD_STOP  CMD_MEMCRC  CMD_REGREAD  CMD_MEMWRITE  CMD_MEMSET  CMD_MEMSET  CMD_MEMZERO  YES  O  YES  YES  YES  O  Y  YES  O  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y	OK .
CMD_MEMCRC CMD_REGREAD CMD_MEMWRITE doesn't work on FT801. Investigating. YES Y CMD_MEMSET CMD_MEMZERO YES O	OK .
CMD_REGREAD  CMD_MEMWRITE doesn't work on FT801. Investigating. YES Y  CMD_MEMSET  CMD_MEMZERO YES  OMD_MEMZERO	-
CMD_MEMWRITE doesn't work on FT801. Investigating. YES Y CMD_MEMSET YES CMD_MEMZERO YES O	
CMD_MEMSET YES CMD_MEMZERO YES O	/ES
CMD_MEMZERO YES O	
	OK .
ITES U	OK .
CMD APPEND YES O	OK .
CMD_SNAPSHOT YES	-
	OK .
	OK .
	OK
	OK .
	OK
	OK
CMD_SETFONT some issues. Investigating. YES	
	OK .
	OK .
	OK
	OK
	OK
CMD COLDSTART YES O	OK OK

CMD_GETMATRIX			
CMD_GRADCOLOR		YES	OK

Coproccesor Command	in FT800	in FT810	Notes	Implemented	Tested
CMD_CSKETCH					
CMD_SETROTATE				YES	OK
CMD_SNAPSHOT2					
CMD_SETBASE				YES	OK
CMD_MEDIAFIFO					
CMD_PLAYVIDEO					
CMD_SETFONT2				YES	OK
CMD_SETSCRATCH					
CMD_ROMFONT					
CMD_VIDEOSTART					
CMD_VIDEOFRAME					
CMD_SETBITMAP			Works in FT800 but not in FT810 yet.	YES	???