1000/	saarch ling in grigin	al file TFT_eSPI.cpp (Last update 20/03/20) for more Details	Content analyse made by Jörg Fuchs 23.06.2020
LINE	-search line in origin	Funktions . Definitions	Description
	inline void TFT_eSPI::	begin_tft_write(void){	Desc : Start SPI transaction for writes and select TFT
		end_tft_write(void){	Desc : End transaction for write and deselect TFT
		begin_tft_read(void){	Desc : Start transaction for reads and select TFT
		end_tft_read(void){	Desc : End transaction for reads and deselect TFT
114	void TFT_eSPI::	spi_begin() {begin_tft_write();}	Desc : Start/end transaction
115	void TFT_eSPI::	spi_end() { end_tft_write();}	Desc : Start/end transaction
116	void TFT_eSPI::	spi_begin_read() {begin_tft_read(); }	Desc : Start/end transaction
117	void TFT_eSPI::	spi_end_read() { end_tft_read(); }	Desc : Start/end transaction
123	_		·
260	TFT_eSPI::	TFT_eSPI(int16_t w, int16_t h)	Desc : Constructor , we must use hardware SPI pins Desc : Included for backwards compatibility
	void TFT_eSPI::	begin(uint8_t tc)	
270	void TFT_eSPI::	init(uint8_t tc)	Desc : Reset, then initialise the TFT display registers
433	void TFT_eSPI::	setRotation(uint8_t m)	Desc : rotate the screen orientation m = 0-3 or 4-7 for BMP drawing
493	void TFT_eSPI::	commandList (const uint8_t *addr)	Desc : Get initialisation commands from FLASH and send to TFT
527	void TFT_eSPI::	spiwrite(uint8_t c)	Desc : Write 8 bits to SPI port (legacy support only)
539	void TFT_eSPI::	writecommand(uint8_t c)	Desc : Send an 8 bit command to the TFT
558	void TFT_eSPI::	writedata(uint8_t d)	Desc : Send a 8 bit data value to the TFT
576	uint8_t TFT_eSPI::	readcommand8(uint8_t cmd_function, uint8_t index)	Desc : Read a 8 bit data value from an indexed command register
619	uint16_t TFT_eSPI::	readcommand16(uint8_t cmd_function, uint8_t index)	Desc : Read a 16 bit data value from an indexed command register
634	uint32_t TFT_eSPI::	readcommand32(uint8_t cmd_function, uint8_t index)	Desc : Read a 32 bit data value from an indexed command register
651	uint16_t TFT_eSPI::	readPixel(int32_t x0, int32_t y0)	Desc : Read 565 pixel colours from a pixel
751	void TFT_eSPI::	setCallback(getColorCallback getCol)	Desc : Read 565 pixel colours from a pixel
761	void TFT_eSPI::	readRect(int32_t x, int32_t y, int32_t w, int32_t h, uint16_t *data)	Desc : Read 565 pixel colours from a defined area
866	void TFT_eSPI::	pushRect(int32_t x, int32_t y, int32_t w, int32_t h, uint16_t *data)	Desc : push 565 pixel colours into a defined area
878	void TFT_eSPI::	pushImage(int32_t x, int32_t y, int32_t w, int32_t h, uint16_t *data)	Desc : plot 16 bit colour sprite or image onto TFT
	_		1
922	void TFT_eSPI::	pushImage(int32_t x, int32_t y, int32_t w, int32_t h, uint16_t *data,	Desc : plot 16 bit sprite or image with 1 colour being transparent
004	word TET acres	uint16_t transp)	Dose i plot 16 hit image
994	void TFT_eSPI::	pushImage(int32_t x, int32_t y, int32_t w, int32_t h, const uint16_t	Desc : plot 16 bit image
460-		*data)	Described 4.6 his images will 4.
1038	void TFT_eSPI::	pushImage(int32_t x, int32_t y, int32_t w, int32_t h, const uint16_t	Desc : plot 16 bit image with 1 colour being transparent
		*data, uint16_t transp)	
1107	void TFT_eSPI::	pushImage(int32_t x, int32_t y, int32_t w, int32_t h, uint8_t *data, bool	Desc: plot 8 bit or 4 bit or 1 bit image or sprite using a line buffer
		bpp8, uint16_t *cmap)	
1265	void TFT_eSPI::	pushImage(int32_t x, int32_t y, int32_t w, int32_t h, uint8_t *data,	Desc: plot 8 or 4 or 1 bit image or sprite with a transparent colour
		uint8_t transp, bool bpp8, uint16_t *cmap)	
1493	void TFT_eSPI::	setSwapBytes(bool swap)	Desc : Used by 16 bit pushImage() to swap byte order in colours
1503	bool TFT_eSPI::	getSwapBytes(void)	Desc : Return the swap byte order for colours
1514	void TFT_eSPI::	readRectRGB(int32_t x0, int32_t y0, int32_t w, int32_t h, uint8_t *data)	Desc : Read RGB pixel colours from a defined area
	_		
1588	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color)	Desc : Draw a circle outline
1588	_	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername,	
1588 1640	void TFT_eSPI:: void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect()
1588 1640 1682	void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle
1588 1640 1682	void TFT_eSPI:: void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername,	Desc : Draw a circle outline Desc : Support function for drawRoundRect()
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1588 1640 1682 1723	void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline
1588 1640 1682 1723 1755 1807	void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse
1588 1640 1682 1723 1755 1807 1852	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour
1588 1640 1682 1723 1755 1807 1852 1863	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline
1588 1640 1682 1723 1755 1807 1852	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour
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1588 1640 1682 1723 1755 1807 1852 1863 1884 1910	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2,	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, int32_t y1, int32_t y2, int32_t x2, int32_t y1, int32_t y2, int32_t x2, int32_t y1, int32_t x2, int32_t y2, int32_t x1, int32_t y1, int32_t x2, int32_t y2, int32_t y1, int32_t x2, int32_t y2, int32_t y1, int32_t y2, in	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points Desc : Draw a filled triangle using 3 arbitrary points
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points Desc : Draw a filled triangle using 3 arbitrary points
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w,	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points Desc : Draw a filled triangle using 3 arbitrary points Desc : Draw an image stored in an array on the TFT
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t t gcolor, uint16_t bgcolor)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points Desc : Draw a filled triangle using 3 arbitrary points Desc : Draw an image stored in an array on the TFT
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t t gcolor, uint16_t bgcolor) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t x, int16_t y, const uint8_t *bitmap, int16_t x,	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points Desc : Draw a filled triangle using 3 arbitrary points Desc : Draw an image stored in an array on the TFT
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t gcolor, uint16_t bgcolor) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: draw a filled circle Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: draw a filled ellipse Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an AXBM array onto the TFT
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color)	Desc : Draw a circle outline Desc : Support function for drawRoundRect() Desc : draw a filled circle Desc : Support function for fillRoundRect() Desc : Draw a ellipse outline Desc : draw a filled ellipse Desc : Clear the screen to defined colour Desc : Draw a rectangle outline Desc : Draw a rounded corner rectangle outline Desc : Draw a rounded corner filled rectangle Desc : Draw a triangle outline using 3 arbitrary points Desc : Draw a filled triangle using 3 arbitrary points Desc : Draw an image stored in an array on the TFT
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t r, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t t gcolor, uint16_t bgcolor) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: draw a filled circle Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: draw a filled ellipse Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an ARBM array onto the TFT Desc: Draw an image stored in an ARBM array onto the TFT
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: draw a filled circle Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: draw a filled ellipse Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an ARM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) setCursor(int16_t x, int16_t y, uint8_t font)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an XBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Set the text cursor x,y position and font
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t r, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) setCursor(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t x, int16_t y, uint8_t font) getCursorX(void)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an XBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Get the text cursor x position
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149 2158	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) setCursor(int16_t x, int16_t y) setCursor(void) getCursorY(void)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an XBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Get the text cursor x position Desc: Get the text cursor y position
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149 2158 2168	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t fgcolor, uint16_t bgcolor) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t t, x, int16_t y, uint8_t font) getCursorY(void) getCursorY(void) setTextSize(uint8_t s)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an XBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Get the text cursor x position Desc: Get the text cursor y position Desc: Set the text size multiplier
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149 2158 2168 2179	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t fgcolor, uint16_t bgcolor) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawConstrint16_t x, int16_t y, uint8_t font) getCursorY(void) setCursorY(void) setTextSolor(uint16_t c)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an XBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Set the text cursor x position Desc: Get the text cursor y position Desc: Set the text size multiplier Desc: Set the font foreground colour (background is transparent)
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149 2158 2168 2179 2191	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t r, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawCursor(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) setCursor(void) setCursor(void) setTextColor(uint16_t c) setTextColor(uint16_t c) setTextColor(uint16_t c) setTextColor(uint16_t c)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an AYBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Get the text cursor x position Desc: Set the text size multiplier Desc: Set the font foreground and background colour
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149 2158 2168 2179 2191 2202	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t r, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawCursor(int16_t x, int16_t y, uint8_t font) getCursor(int16_t x, int16_t y, uint8_t font) getCursorY(void) setTextColor(uint16_t c, uint16_t b) setPivot(int16_t x, int16_t y)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an AYBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Set the text cursor x position Desc: Get the text cursor y position Desc: Set the text size multiplier Desc: Set the font foreground and background colour Desc: Set the pivot point on the TFT
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149 2158 2168 2179 2191 2202	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t r, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawXBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawCursor(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) setCursor(void) setCursor(void) setTextColor(uint16_t c) setTextColor(uint16_t c) setTextColor(uint16_t c) setTextColor(uint16_t c)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an AYBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Get the text cursor x position Desc: Set the text size multiplier Desc: Set the font foreground and background colour
1588 1640 1682 1723 1755 1807 1852 1863 1884 1910 1932 1951 2031 2055 2078 2102 2126 2137 2149 2158 2168 2179 2191 2202 2213	void TFT_eSPI::	drawCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) drawCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, uint32_t color) fillCircle(int32_t x0, int32_t y0, int32_t r, uint32_t color) fillCircleHelper(int32_t x0, int32_t y0, int32_t r, uint32_t r, uint8_t cornername, int32_t delta, uint32_t color) drawEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillEllipse(int16_t x0, int16_t y0, int32_t rx, int32_t ry, uint16_t color) fillScreen(uint32_t color) drawRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t r, uint32_t color) drawRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x, int32_t y, int32_t w, int32_t h, int32_t r, uint32_t color) fillRoundRect(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) fillTriangle (int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawTriangle(int32_t x0, int32_t y0, int32_t x1, int32_t y1, int32_t x2, int32_t y2, uint32_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color) drawBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawWBitmap(int16_t x, int16_t y, const uint8_t *bitmap, int16_t w, int16_t h, uint16_t color, uint16_t bgcolor) drawCursor(int16_t x, int16_t y, uint8_t font) getCursor(int16_t x, int16_t y, uint8_t font) getCursorY(void) setTextColor(uint16_t c, uint16_t b) setPivot(int16_t x, int16_t y)	Desc: Draw a circle outline Desc: Support function for drawRoundRect() Desc: Support function for drawRoundRect() Desc: Support function for fillRoundRect() Desc: Draw a ellipse outline Desc: Clear the screen to defined colour Desc: Draw a rectangle outline Desc: Draw a rounded corner rectangle outline Desc: Draw a rounded corner filled rectangle Desc: Draw a triangle outline using 3 arbitrary points Desc: Draw a filled triangle using 3 arbitrary points Desc: Draw an image stored in an array on the TFT Desc: Draw an image stored in an AYBM array onto the TFT Desc: Draw an XBM image with foreground and background colors Desc: Set the text cursor x,y position Desc: Set the text cursor x position Desc: Get the text cursor y position Desc: Set the text size multiplier Desc: Set the font foreground and background colour Desc: Set the pivot point on the TFT

\/\/\/	-search line in origin	nal file TFT_eSPI.cpp (Last update 20/03/20) for more Details	Content analyse made by Jörg Fuchs 23.06.2020
LINE	-search line in origin	Funktions . Definitions	Description
2233	void TFT eSPI::	setBitmapColor(uint16_t c, uint16_t b)	Desc : Set the foreground foreground and background colour
	void TFT eSPI::	setTextWrap(bool wrapX, bool wrapY)	Desc : Define if text should wrap at end of line
	void TFT_eSPI::		Desc : Set the text position reference datum
	void TFT_eSPI::	setTextDatum(uint8_t d)	Desc : Define padding width (aids erasing old text and numbers)
		setTextPadding(uint16_t x_width)	
2275	uint16_t TFT_eSPI::	getTextPadding(void)	Desc : Define padding width (aids erasing old text and numbers)
2284	uint8_t TFT_eSPI::r	getRotation(void)	Desc : Return the rotation value (as used by setRotation())
2293	uint8_t TFT_eSPI::r	getTextDatum(void)	Desc : Return the text datum value (as used by setTextDatum())
	int16_t TFT_eSPI::	width(void)	Desc : Return the pixel width of display (per current rotation)
2314	int16_t TFT_eSPI::	height(void)	Desc : Return the pixel height of display (per current rotation)
2324	int16_t TFT_eSPI::	textWidth(const String& string)	Desc: Return the width in pixels of a string in a given font
2332	int16_t TFT_eSPI::	textWidth(const String& string, uint8_t font)	Desc: Return the width in pixels of a string in a given font
2340	int16_t TFT_eSPI::	textWidth(const char *string)	Desc: Return the width in pixels of a string in a given font
2345	int16_t TFT_eSPI::	textWidth(const char *string, uint8_t font)	Desc : Return the width in pixels of a string in a given font
2419	uint16_t TFT_eSPI::	fontsLoaded(void)	Desc: return an encoded 16 bit value showing the fonts loaded
2429	int16_t TFT_eSPI::	fontHeight(int16_t font)	Desc : return the height of a font (yAdvance for free fonts)
2445	int16_t TFT_eSPI::	fontHeight(void)	Desc : return the height of a font (yAdvance for free fonts)
	void TFT_eSPI::	drawChar(int32_t x, int32_t y, uint16_t c, uint32_t color, uint32_t bg,	Desc : draw a single character in the GLCD or GFXFF font
		uint8 t size)	3
2598	void TFT_eSPI::	·	Desc : define an area to receive a stream of pixels
	void TFT_eSPI.:	setAddrWindow(int32_t x0, int32_t y0, int32_t w, int32_t h)	Desc : define an area to receive a stream of pixels
	_	setWindow(int32_t x0, int32_t y0, int32_t x1, int32_t y1)	'
	void TFT_eSPI::	readAddrWindow(int32_t xs, int32_t ys, int32_t w, int32_t h)	Desc : define an area to read a stream of pixels
	void TFT_eSPI::	drawPixel(int32_t x, int32_t y, uint32_t color)	Desc : push a single pixel at an arbitrary position
	void TFT_eSPI::	pushColor(uint16_t color)	Desc : push a single pixel
	void TFT_eSPI::	pushColor(uint16_t color, uint32_t len)	Desc : push a single colour to "len" pixels
	void TFT_eSPI::	startWrite(void)	Desc : begin transaction with CS low, MUST later call endWrite
2776	void TFT_eSPI::	endWrite(void)	Desc : end transaction with CS high
2787	void TFT_eSPI::	writeColor(uint16_t color, uint32_t len)	Desc : raw write of "len" pixels avoiding transaction check
2798	void TFT_eSPI::	pushColors(uint8_t *data, uint32_t len)	Desc: push an array of pixels for 16 bit raw image drawing
2812	void TFT_eSPI::	pushColors(uint16_t *data, uint32_t len, bool swap)	Desc : push an array of pixels, for image drawing
2830	void TFT_eSPI::	drawLine(int32_t x0, int32_t y0, int32_t x1, int32_t y1, uint32_t color)	Desc : draw a line between 2 arbitrary points
2892	void TFT_eSPI::	drawFastVLine(int32_t x, int32_t y, int32_t h, uint32_t color)	Desc : draw a vertical line
2917	void TFT_eSPI::	drawFastHLine(int32_t x, int32_t y, int32_t w, uint32_t color)	Desc : draw a horizontal line
	void TFT eSPI::	fillRect(int32_t x, int32_t y, int32_t w, int32_t h, uint32_t color)	Desc : draw a filled rectangle
2969	uint16_t TFT_eSPI::	color565(uint8_t r, uint8_t g, uint8_t b)	Desc : convert three 8 bit RGB levels to a 16 bit colour value
2979	uint8_t TFT_eSPI::r	color16to8(uint16_t c)	Desc : convert 16 bit colour to an 8 bit 332 RGB colour value
2989	uint16_t TFT_eSPI::	color8to16(uint8 t color)	Desc : convert 8 bit colour to a 16 bit 565 colour value
3006	uint32_t TFT_eSPI::	+ · · · - · · · · · · · · · · · · · · ·	Desc : convert 16 bit colour to a 24 bit 888 colour value
3019	uint32_t TFT_eSFI.:	color16to24(uint16_t color565)	Desc : convert 10 bit colour to a 24 bit 888 colour value Desc : convert 24 bit colour to a 16 bit 565 colour value
3032	void TFT eSPI::	color24to16(uint32_t color888)	Desc : invert the display colours i = 1 invert, i = 0 normal
3046	_	invertDisplay(bool i)	Desc : Sets a control parameter of an attribute
	void TFT_eSPI::	setAttribute(uint8_t attr_id, uint8_t param) {	·
	uint8_t TFT_eSPI::r	getAttribute(uint8_t attr_id) {	Desc : Get value of an attribute (control parameter)
3095	uint16_t TFT_eSPI::	decodeUTF8(uint8_t c)	Desc : Serial UTF-8 decoder with fall-back to extended ASCII
3144	uint16_t TFT_eSPI::	decodeUTF8(uint8 t *buf, uint16 t *index, uint16 t remaining)	Desc : Line buffer UTF-8 decoder with fall-back to extended ASCII
3175		, , , , , , , , , , , , , , , , , , , ,	
3201	uint16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc)	Desc : Blend 16bit foreground and background
	uint16_t TFT_eSPI:: uint16_t TFT_eSPI::	, , , , , , , , , , , , , , , , , , , ,	
3217		alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc)	Desc : Blend 16bit foreground and background
3217 3249	uint16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither
3249	uint16_t TFT_eSPI:: uint32_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream
3249 3390	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen
3249 3390 3396	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen
3249 3390 3396 3663	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen
3249 3390 3396 3663 3671	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined
3249 3390 3396 3663 3671 3680	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined
3249 3390 3396 3663 3671 3680 3686	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined
3249 3390 3396 3663 3671 3680	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined
3249 3390 3396 3663 3671 3680 3686 3914	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX
3249 3390 3396 3663 3671 3680 3686 3914	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined
3249 3390 3396 3663 3671 3680 3686 3914	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX
3249 3390 3396 3663 3671 3680 3686 3914	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX
3249 3390 3396 3663 3671 3680 3686 3914	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX
3249 3390 3396 3663 3671 3680 3686 3914 3922	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc : draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX
3249 3390 3396 3663 3671 3680 3686 3914 3922	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX
3249 3390 3396 3663 3671 3680 3686 3914 3922 3937	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw string right justified to dX
3249 3390 3396 3663 3671 3680 3686 3914 3922 3937 3945	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY)	Desc : Blend 16bit foreground and background Desc : Blend 16bit foreground and background with dither Desc : Blend 24bit foreground and background with optional dither Desc : draw characters piped through serial stream Desc : draw a Unicode glyph onto the screen Desc : draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw string right justified to dX Desc: draw a long integer
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint8_t font)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: drawFloat, prints 7 non zero digits maximum
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint32_t poY) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, int32_t poY)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983 3988	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint8_t poY, uint8_t font)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: drawFloat, prints 7 non zero digits maximum Desc: drawFloat, prints 7 non zero digits maximum
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983 3988 4058	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint32_t poY) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, int32_t poY)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: drawFloat, prints 7 non zero digits maximum
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983 3988	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint8_t poY, uint8_t font)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: drawFloat, prints 7 non zero digits maximum Desc: drawFloat, prints 7 non zero digits maximum
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983 3988 4058	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint8_t font) setFreeFont(const GFXfont *f)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: drawFloat, prints 7 non zero digits maximum Desc: Sets the GFX free font to use
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983 3988 4058 4087	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI:: void TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint8_t font) setFreeFont(const GFXfont *f) setTextFont(uint8_t f)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: draw long integer Desc: drawFloat, prints 7 non zero digits maximum Desc: Sets the GFX free font to use Desc: Set the font for the print stream
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983 3988 4058 4058 4087 4102	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: void TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const string& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint8_t font) setFreeFont(const GFXfont *f) setTextFont(uint8_t f) setFreeFont(uint8_t f)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: draw long integer Desc: drawFloat, prints 7 non zero digits maximum Desc: Sets the GFX free font to use Desc: Sets the GFX free font to use
3249 3390 3396 3663 3671 3680 3914 3922 3937 3945 3960 3968 3983 3988 4058 4058 4087 4102 4112	uint16_t TFT_eSPI:: uint32_t TFT_eSPI:: size_t TFT_eSPI:: int16_t TFT_eSPI:: void TFT_eSPI::	alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc) alphaBlend(uint8_t alpha, uint16_t fgc, uint16_t bgc, uint8_t dither) alphaBlend24(uint8_t alpha, uint32_t fgc, uint32_t bgc, uint8_t dither) write(uint8_t utf8) drawChar(uint16_t uniCode, int32_t x, int32_t y) drawChar(uint16_t uniCode, int32_t x, int32_t y, uint8_t font) drawString(const String& string, int32_t poX, int32_t poY) drawString(const String& string, int32_t poX, int32_t poY, uint8_t font) drawString(const char *string, int32_t poX, int32_t poY, uint8_t font) drawCentreString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawCentreString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const String& string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawRightString(const char *string, int32_t dX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawNumber(long long_num, int32_t poX, int32_t poY, uint8_t font) drawFloat(float floatNumber, uint8_t dp, int32_t poX, int32_t poY, uint8_t font) setFreeFont(const GFXfont *f) setTextFont(uint8_t f) setTextFont(uint8_t f)	Desc: Blend 16bit foreground and background Desc: Blend 16bit foreground and background with dither Desc: Blend 24bit foreground and background with optional dither Desc: draw characters piped through serial stream Desc: draw a Unicode glyph onto the screen Desc: draw a Unicode glyph onto the screen Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string with padding if it is defined Desc: draw string centred on dX Desc: draw string centred on dX Desc: draw string right justified to dX Desc: draw a long integer Desc: draw a long integer Desc: draw long integer Desc: draw long integer Desc: drawFloat, prints 7 non zero digits maximum Desc: Sets the GFX free font to use Desc: Sets the font for the print stream Desc: Sets the font for the print stream