

lovyanGFX拡張		LCD名称	controller	size		調達元	動作確認		ID
設定	FW			inch	pixel		ESP32x	pico	
Type1									
			?	0.85	96x64	aliexpress			
QT095B	ALL	QT095B	SSD1331		96x64	秋月	ok	ok	5
MSP0961	ALL	MSP0961	ST7735S	0.96	80x160	aliexpress	ok	ok	10
MSP1141	ALL	MSP1141	ST7789V	1.14	135x240				11
MSP1308_GMT130	ALL	MSP1308/GMT130	ST7789	1.3	240x240	aliexpress	ok	NG	12
MSP1541	ALL	MSP1541	ST7789	1.54	240x240				13
GMT177	ALL	GMT177	ST7735S	1.77	128x160	aliexpress	ok	ok	14
MSP2008	ALL	MSP2008	ST7789	2	320x240				15
GMT020	ALL	GMT020	ST7735	2	320x240				
Type2									
MSP1443	ALL	MSP1443	ST7735S	1.44	128x128	aliexpress	ok	ok	16
MSP1601	ALL	MSP1601	SSD1283A	1.6	130x130				
MSP1803	ALL	MSP1803	ST7735S	1.8	128x160	aliexpress	ok	ok	17
MSP2202	ALL	MSP2202	ILI9341	2.2	240x320				18
MSP2401_2402	ALL	MSP2401/MSP2402	ILI9341	2.4	240x320				19
MSP2401_2402	ALL	MSP2401/MSP2402	ST7789	2.4	240x320				
MSP2806_2807	ALL	MSP2806/MSP2807	ILI9341	2.8	240x320	秋月	ok	ok	8
MSP3217_3218	ALL	MSP3217/MSP3218	ILI9341	3.2	240x320				20
MSP3520_3521	ALL	MSP3520/MSP3521	ILI9488	3.5	480x320				21
MSP4020_4021	ALL	MSP4020_4021	ST7796	4	480x320				22
MSP4022_4023	ALL	MSP4022_4023	ILI9486	4	480x320				23
M018C7735S	ALL		ST7735		128x160	aitendo			
Other									
RoundLCD	pico esp32c3.uart	RoundLCD	GC9A01		240x240	switch	-	-	7
RoundXIA0	pico esp32c3.usb	RoundXIA0	GC9A01		240x240		-	ok	24
SQUARE	pico esp32c3.usb	SQUARE	ST7789		240x280	switch	-	ok	25
128TFT	ALL	128TFT	GC9A01	1.28○	240x240	aliexpress	ok	ok	26
ATM0177B3A	ALL	ATM0177B3A	ILI9163V		128x160	秋月	ok	非対応	9
I2Cモノクロ									
SSD1306	ALL		SSD1306		128x64	秋月	ok	ng	3
SSD1306	ALL		SSD1315		128x64		ok	ng	3
	ALL		SH1107		128x64				
SSD1306_32	ALL		SSD1306		128x32		ok	ng	4
SH110X	ALL		SH1107	1.5	128x128	aliexpress	ok	ng	28
micom+LCD									
2432S028	esp32	2432S028	ILI9341V	2.8	240x320			-	
3248S035	esp32	3248S035	GC9A01	3.5	320x480	aliexpress	ok	-	6
1732S019	esp32s3.uart	1732S019		1.9	170x320	aliexpress	-	-	29
4827S043	esp32s3.uart	4827S043	ILI9485 (64k)	4.3	480x272		-	-	
8048S043	esp32s3.uart	8048S043	ST7262	4.3	800x480		-	-	
8048S050	esp32s3.uart	8048S050		5	800x480		-	-	
8048S070	esp32s3.uart	8048S070		7	800x480		-	-	
TTGO_TDISP	esp32	TTGO T-Display	ST7789V	1.14	135x240	aliexpress	ok	-	27
LovyanGFX AUTO									
AUTO	esp32	M5Stack			320x240	switch	ok	-	1
AUTO	esp32	Core2			320x240	switch	ok	-	
AUTO_ROT1	esp32.750000	M5StickC	ST7735S		80x160	switch	ok	-	2
AUTO_ROT1	esp32.750000	M5StickCplus	ST7789		135x240	switch	ok	-	
AUTO	esp32	CoreInk			200x200	switch	ok	-	
AUTO_ROT1	esp32	M5Paper			960x540	switch	ok	-	
AUTO	esp32	M5Tough						-	
AUTO	esp32	ODROID-GO						-	
AUTO	esp32	TTGO TS						-	
AUTO	esp32	TTGO T-Watch						-	
AUTO	esp32	DSTIKE D-duino-32 XS						-	
AUTO	esp32	LoLinD32 PRO						-	
AUTO	esp32	ESP32_WROVER_KIT						-	
AUTO	esp32s3.usb	AtomS3	GC9107		128x128	switch	-	-	
AUTO		coreS3	ILI9342				-	-	

Type1 & DevikitC

GND		23	22	TX	RX	21	GND	19	18	5	17	16	4	0	2	15	D1	D0	CLK	USB
3V3	EN	VP	VN	34(I)	35(I)	32	33	25	26	27	14	12	GND	13	D2	D3	CMD	5V		
Type 1 GMT130 128TFT																				
						GND	3.3V	CLK	MOSI	RST	DC	CS	BLK							
						GND	3.3V	CLK	MOSI	RST	DC	BLK								
						VCC	GND	CLK	MOSI	DC	CS	RST								

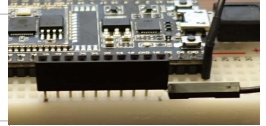
GPIO

sclk	mosi	miso	dc	cs	rst	busy	bl
33	25		27	14	26		12
33	25		27		26		14
33	25		26	27	14		

Type2 & DevikitC

GND	23	22	TX	RX	21	GND	19	18	5	17	16	4	0	2	15	D1	D0	CLK
3V3	EN	VP	VN	34(I)	35(I)	32	33	25	26	27	14	12	GND	13	D2	D3	CMD	5V
Type2 T_IRQ T_DO T_DI T_CS T_CLK MISO BL CLK MOSI DC RST CS GND 5V																		

sclk	mosi	miso	dc	cs	rst	busy	bl
25	26	32	27	12	14		33



Type1 & DevikitC-S3

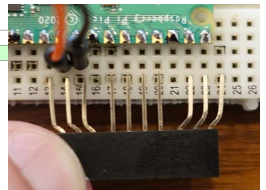
GND	TX	RX	1	2	42	41	40	39	38	37	36	35	0	45	48	47	21	20	19	GND	GND
3V3	3V3	RST	4	5	6	7	15	16	17	18	8	3	46	9	10	11	12	13	14	5V	GND
Type1 GMT130 128TFT																					
						GND	3.3V	CLK	MOSI	RST	DC	CS	BLK								
						GND	3.3V	CLK	MOSI	RST	DC	BLK									
						VCC	GND	CLK	MOSI	DC	CS	RST									

sclk	mosi	miso	dc	cs	rst	busy	bl
46	9		11	12	10		13
46	9		11		10		12
46	9		10	11	12		

Type2 & DevikitC-S3

GND	TX	RX	1	2	42	41	40	39	38	37	36	35	0	45	48	47	21	20	19	GND	GND
3V3	3V3	RST	4	5	6	7	15	16	17	18	8	3	46	9	10	11	12	13	14	5V	GND
Type2 T_IRQ T_DO T_DI T_CS T_CLK MISO BL CLK MOSI DC RST CS GND 5V																					

sclk	mosi	miso	dc	cs	rst	busy	bl
9	10	3	11	13	12		46



Type1 & Raspi pico

[SST]	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21
	VBUS	VSYS	GND	3VEN	3V3	VREF	28	GND	27	26	RUN	22	GND	21	20	19	18	GND	17	16
	RX0	CS0		CK0	TX0	RX0	CS0		CK0		RX1	CS1		CK1	TX1	TX0	CK0		CS0	RX0
	0	1	GND	2	3	4	5	GND	6	7	8	9	GND	10	11	12	13	GND	14	15
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<div><div>Type1 GMT130 128TFT</div><div><div>GND</div><div>GND</div><div>VCC</div></div><div><div>3.3V</div><div>3.3V</div><div>GND</div></div><div><div>CLK</div><div>CLK</div><div>CLK</div></div><div><div>MOSI</div><div>MOSI</div><div>MOSI</div></div><div><div>RST</div><div>RST</div><div>DC</div></div><div><div>DC</div><div>CS</div><div>CS</div></div><div><div>BLK</div><div>BLK</div><div>RST</div></div></div>																				

GPIO

SPI

sclk	mosi	miso	dc	cs	rst	busy	bl
10	11		13	14	12		15
10	11		13		12		14
10	11		12	13	14		

Type2 & Raspi pico

40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21
VBUS	VSYS	GND	3VEN	3V3	VREF	28	GND	27	26	RUN	22	GND	21	20	19	18	GND	17	16
RX0	CS0		CK0	TX0	RX0	CS0		CK0	TX0	RX1	CS1		CK1	TX1	RX1	CS1		CK1	TX1
0	1	GND	2	3	4	5	GND	6	7	8	9	GND	10	11	12	13	GND	14	15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Type2 T_IRQ T_DO T_DI T_CS T_CLK MISO BL CLK MOSI DC RST CS GND 5V																			

sclk	mosi	miso	dc	cs	rst	busy	bl
10	11	8	12	14	13		9

ピンソケット 1 × 10 (10P) リード長10mm
<https://akizukidenshi.com/catalog/g/gC-07199/>