

Olimex RP2350B-XXL FLASH: 16MB PSRAM: 8MB SDCARD PINS: 48 ADC: 8 x

PicoMite MMBasic RP2350B V6.01.00b11

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Total of 6 Mbytes PSRAM available

> list commands

*/	.end program	.label	.line	.program
.side set	.wrap	.wrap target	/*	ADC
Arc	Array Add	Array Insert	Array Set	Array Slice
Autosave	Backlight	Bit(	Blit	Blit Memory
Box	Byte(	Call	Camera	Case
Case Else	Cat	Chain	Chdir	Circle
Clear	Close	CLS	CMM2 Load	CMM2 Run
Color	Colour	Configure	Const	Continue
Copy	CPU	CSub	CtrlVal(	Data
Date\$	DefineFont	Device	Dim	Do
Draw3D	Drive	Edit	Edit File	Else
Else If	ElseIf	End	End CSub	End DefineFont
End Function	End If	End Select	End Sub	EndIf
Erase	Error	Execute	Exit	Exit Do
Exit For	Exit Function	Exit Sub	Files	Flag(
Flags	Flash	Flush	Font	For
FRAMEBUFFER	Function	GoSub	GoTo	GUI
Help	Humid	I2C	I2C2	If
In	Inc	Input	Interrupt	IR
IReturn	IRQ	IRQ CLEAR	IRQ NOWAIT	IRQ SET
IRQ WAIT	Jmp	Keypad	Kill	LCD
Let	Library	Line	Line Input	List
Load	Local	LongString	Loop	Map
Map(	Math	Memory	MID\$(	Mkdir
Mouse	Mov	New	Next	Nop
On	OneWire	Open	Option	Out
Pause	Pin(	PIO	Pixel	Play
Poke	Polygon	Port(	Print	Pull
Pulse	Push	PWM	Ram	Randomize
RBox	Read	Refresh	Rem	Rename
Restore	Return	Rmdir	RTC	Run
Save	Seek	Select Case	Servo	Set
SetPin	SetTick	Sort	SPI	SPI2
Sprite	Static	Sub	SYNC	TEMPR START
Text	Time\$	Timer	Trace	Triangle
Update Firmware	VAR	Wait	WatchDog	While
Wii	Wii Classic	Wii Nunchuck	WS2812	XModem

Total of 185 commands

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> list functions

*	+	-	/	<
<<	<=	<>	=	=<
=>	>	>=	>>	@(
\	^	Abs(	ACos(	And
As	Asc(	ASin(	Atan2(	Atn(
Bin\$(	Bin2str\$(	Bit(	Bound(	Byte(
Call(	Choice(	Chr\$(	Cint(	Cos(
CtrlVal(	Cwd\$(	Date\$(	DateTime\$(	Day\$(
Deg(	DEVICE(	Dir\$(	Distance(	Else
Eof(	Epoch(	Eval(	Exp(	Field\$(
Fix(	Flag(	For	Format\$(	GoSub
GoTo	GPS(	Hex\$(	Inkey\$(	Input\$(
Instr(	Int(	INV	LCase\$(	LCompare(
Left\$(	Len(	LGetByte(	LGetStr\$(	LInStr(
Llen(	Loc(	Lof(	Log(	Map(
Math(	Max(	Mid\$(	Min(	MM.CMDLINE\$
MM.DEVICE\$	MM.DISPLAY	MM.ErrMsg\$	MM.Errno	MM.FLAGS
MM.FONTHEIGHT	MM.FONTWIDTH	MM.HEIGHT	MM.HPOS	MM.HRES
MM.I2C	MM.Info\$(	MM.Info(	MM.ONEWIRE	MM.PERSISTENT
MM.PS2	MM.SUPPLY	MM.VER	MM.VPOS	MM.VRES
MM.WATCHDOG	MM.WIDTH	Mod	MsgBox(	Not
Oct\$(	Or	Peek(	Pi	Pin(
Pio(	Pixel(	Port(	Pos	Pulsin(
Rad(	RGB(	Right\$(	Rnd	Rnd(
Sgn(	Sin(	Space\$(	SPI(	SPI2(
sprite(	Sqr(	Step	Str\$(	Str2bin(
String\$(	Tab(	Tan(	TEMPR(	Then
Time\$(	Timer	To	Touch(	UCase\$(
Until	Val(	While	Xor	

Total of 145 functions and operators

Olimex RP2350B-XXL

3V3	3V3	USB	VBUS	3V3
P00T	P16		VSYS	P32
P01R	P17		GND	P33
P02	P18		3V3	P34
P03	P19		GND	P35
P04D	P20		33EN	P36
P05C	P21		AREF	P37
P06	P22		GND	P38
P07	P23		RUN	P39
GND	GND		BOOT	GND
3V3	3V3		3V3	3V3
P08R	P24I		QSD0	P400
P09S	P25L		QSD1	P411
P10C	P26		QSD2	P422
P110	P27		QSD3	P433
P12	P28		QCLK	P444
P13	P29		QCS0	P455
P14	P30	RST	BOOT	P466
P15	P31		WCLK	P477
GND	GND		GND	GND

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> option list

PicoMite MMBasic RP2350B V6.01.00b11

OPTION SYSTEM I2C GP4,GP5, SLOW

I2C: GP4=SDA, GP5=SCL, SLOW=100KHz

OPTION FLASH SIZE 16777216

OPTION COLOURCODE ON

OPTION PICO OFF

OPTION CPUSPEED (KHz) 150000

OPTION DISPLAY 43, 90

DISPLAY: LINE, CHAR

OPTION LCDPANEL SSD1306I2C, LANDSCAPE

OPTION SDCARD GP9, GP10, GP11, GP24

SDCARD: GP9=CS, GP10=CLK, GP11=MOSI, GP24=MISO

OPTION PLATFORM Olimex RP2350B-XXL

OPTION PSRAM PIN GP8

PSRAM: GP8=CS-PSRAM PSRAM=8MB

> memory

Program:

0K (0%) Program (0 lines)

300K (100%) Free

Saved Variables:

16K (100%) Free

RAM:

0K (0%) 0 Variables

0K (0%) General

6492K (100%) Free

> ram list

RAM Slot 1 available

RAM Slot 2 available

RAM Slot 3 available

RAM Slot 4 available

RAM Slot 5 available

> flash list

Slot 1 available

Slot 2 available

Slot 3 available

> files

A:/

<DIR> .

<DIR> ..

00:00 01-01-2024 4 bootcount

2 directories, 1 file, 14716928 bytes free

> files

B:/

<DIR> .

<DIR> ..

xx directories, xx files

> option reset list

Palm PicoGame*Mite

Pico-ResTouch-LCD-3.5

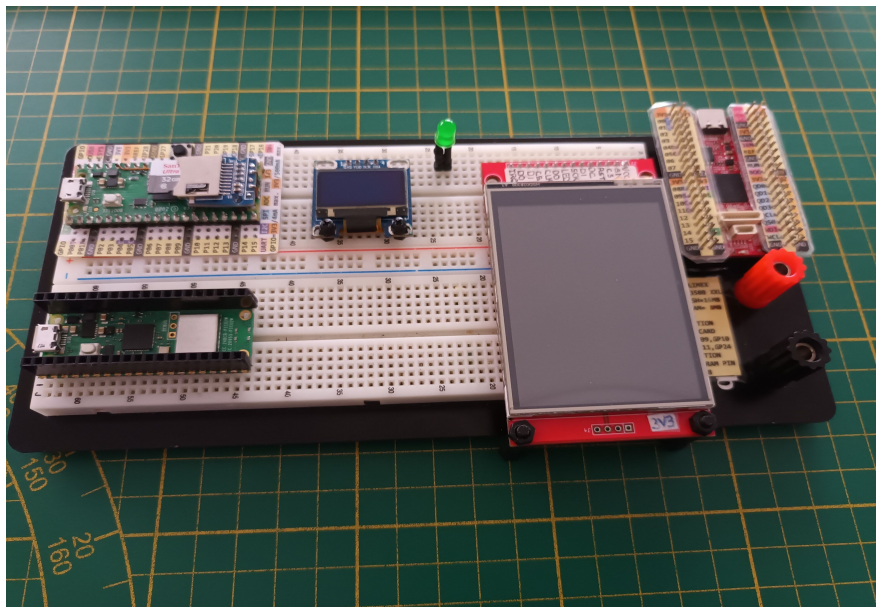
Pico-ResTouch-LCD-2.8

PICO BACKPACK

RP2040-LCD-1.28

RP2040LCD-0.96

RP2040-GEEK

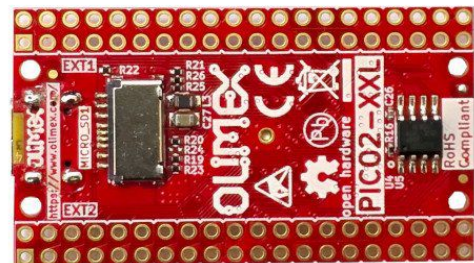
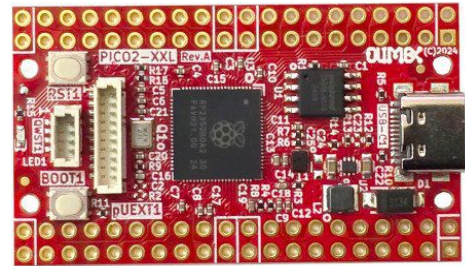


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> list pins

GP0	1	OFF
GP1	2	OFF
GP2	4	OFF
GP3	5	OFF
GP4	6	Boot Reserved : SYSTEM I2C SDA
GP5	7	Boot Reserved : SYSTEM I2C SCL
GP6	9	OFF
GP7	10	OFF
GP8	11	Boot Reserved : PSRAM CS
GP9	12	Boot Reserved : SD CS
GP10	14	Boot Reserved : SD CLK
GP11	15	Boot Reserved : SD MOSI
GP12	16	OFF
GP13	17	OFF
GP14	19	OFF
GP15	20	OFF
GP16	21	OFF
GP17	22	OFF
GP18	24	OFF
GP19	25	OFF
GP20	26	OFF
GP21	27	OFF
GP22	29	OFF
GP23	41	OFF
GP24	42	Boot Reserved : SD MISO
GP25	43	OFF
GP26	31	OFF
GP27	32	OFF
GP28	34	OFF
GP29	44	OFF
GP30	45	OFF
GP31	46	OFF
GP32	47	OFF
GP33	48	OFF
GP34	49	OFF
GP35	50	OFF
GP36	51	OFF
GP37	52	OFF
GP38	53	OFF
GP39	54	OFF
GP40	55	OFF
GP41	56	OFF
GP42	57	OFF
GP43	58	OFF
GP44	59	OFF
GP45	60	OFF
GP46	61	OFF
GP47	62	OFF



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 OpenOffice: Lettertype: Consolas Grootte: 6
 Olimex RP2350B-XXL

3V3+	+3V3	USB	USB+	+3V3
00T+	+16		SYS+	+32
01R+	+17		GND+	+33
02 +	+18		3V3+	+34
03 +	+19		GND+	+35
04D+	+20		3VE+	+36
05C+	+21		REF+	+37
06 +	+22		GND+	+38
07 +	+23		RUN+	+39
GND+	+GND		BOO+	+GND
3V3+	+3V3		3V3+	+3V3
08R+	+24I		QD0+	+400
09S+	+25L		QD1+	+411
10C+	+26		QD2+	+422
110+	+27		QD3+	+433
12 +	+28		QCL+	+444
13 +	+29		QS0+	+455
14 +	+30		WDA+	+466
15 +	+31		WCL+	+477
GND+	+GND		GND+	+GND