Pinout Headers

P9

mikrobus	ecran	GPIO n°	pin	pin	GPIO n°	ecran	mikrobus
GND	GND	GND	1	2	GND	GND	GND
3,3v	3,3v	3,3v	3	4	3,3v	3,3v	3,3v
5v raw	5v raw	5v raw	5	6	5v raw	5v raw	5v raw
5v	5v	5v	7	8	5v	5v	5v
PWR_BUT	PWR_BUT	PWR_BUT	9	10	SYS_RESET	SYS_RESET	SYS_RESET
UART4_RX_cape_1	UART4_RX_cape_1	GPIO0_30	11	12	GPIO1_28	User led LCD	
UART4_TX_cape_1	UART4_TX_cape_1	GPIO0_31	13	14	GPIO1_18	PWM LCD	PWM1A_cape_1
Btn2	LEFT BTN	GPIO1_16	15	16	GPIO1_19	UP BTN	
Data B	Data B	GPIO0_5	17	18	GPIO0_4	Data A	Data A
SPI1_CS1	I2C2 SCL	GPIO0_13	19	20	GPIO0_12	I2C2 SDA	I2C2 SDA
I2C2 SCL		GPIO0_3	21	22	GPIO0_2	SW	SW
Btn3	RIGHT BTN	GPIO1_17	23	24	GPIO0_15	ENTER BTN	
		GPIO3_21	25	26	GPIO0_14	Data C	Data C
	LCD backlight	GPIO3_19	27	28	GPIO3_17		SPI1_CS0
SPI1_D0	HDMI	GPIO3_15	29	30	GPIO3_16	DOWN BTN	SPI1_D1
SPI1_CLK	HDMI	GPIO3_14	31	32	VADC	VCC AN	VCC AN
AN_cape_1		AIN4	33	34	AGND	GND	GND
		AIN6	35	36	AIN5		AN_cape_2
AN_cape_1	Touchscreen	AIN2	37	38	AIN3	Touchscreen	AN_cape_1
AN_cape_1	Touchscreen	AIN0	39	40	AIN1	Touchscreen	AN_cape_1
réservé	réservé	GPIO0_20	41	42	GPIO0_7	réservé	réservé
GND	GND	GND	43	44	GND	GND	GND
GND	GND	GND	45	46	GND	GND	GND

P8

mikrobus	ecran	GPIO n°	pin	pin	GPIO n°	ecran	mikrobus
GND	GND	GND	1	2	GND	GND	GND
MMC/SD	MMC/SD	GPIO1_6	3	4	GPIO1_7	MMC/SD	MMC/SD
MMC/SD	MMC/SD	GPIO1_2	5	6	GPIO1_3	MMC/SD	MMC/SD
Digit 1 Select	Digit 1 Select	GPIO2_2	7	8	GPIO2_3	Digit 2 Select	Digit 2 Select
Data DP2	Data DP2	GPIO2_5	9	10	GPIO2_4	Data DP1	Data DP1
Led 2	Led 2	GPIO1_13	11	12	GPIO1_12	Led 1	Led 1
Data E	Data E	GPIO0_23	13	14	GPIO0_26	Data F	Data F
Btn1	Btn1	GPIO1_15	15	16	GPIO1_14	Led 3	Led 3
Data G	Data G	GPIO0_27	17	18	GPIO2_1	CHA	CHA
Data D	Data D	GPIO0_22	19	20	GPIO1_31	MMC/SD	MMC/SD
MMC/SD	MMC/SD	GPIO1_30	21	22	GPIO1_5	MMC/SD	MMC/SD
MMC/SD	MMC/SD	GPIO1_4	23	24	GPIO1_1	MMC/SD	MMC/SD
MMC/SD	MMC/SD	GPIO1_0	25	26	GPIO1_29	CHB	CHB
	LCD_VSYNC	GPIO2_22	27	28	GPIO2_24	LCD_PCLK	
	LCD_HSYNC	GPIO2_23	29	30	GPIO2_25	LCD_DE	
RST_cape_1	LCD_DATA14	GPIO0_10	31	32	GPIO0_11	LCD_DATA15	RST_cape_2
INT_cape_1	LCD_DATA13	GPIO0_9	33	34	GPIO2_17	LCD_DATA11	INT_cape_2
GPIO/AN_cape_1	LCD_DATA12	GPIO0_8	35	36	GPIO2_16	LCD_DATA10	GPIO/AN_cape_2
UART5_TX_cape_2	LCD_DATA8	GPIO2_14	37	38	GPIO2_15	LCD_DATA9	UART5_RX_cape_2
	LCD_DATA6	GPIO2_12	39	40	GPIO2_13	LCD_DATA7	
	LCD_DATA4	GPIO2_10	41	42	GPIO2_11	LCD_DATA5	
BootSD	LCD_DATA2	GPIO2_8	43	44	GPIO2_9	LCD_DATA3	
PWM2A_cape_2	LCD_DATA0	GPIO2_6	45	46	GPIO2_7	LCD_DATA1	

Legend

Color	Label
(yellow)	7 Segment
(red)	boutons
(green)	Encodeur
(cyan)	mikrobus et ecran
(blue)	mikrobus
(grey)	ecran
(purple)	Led
(black)	réservé
(white)	libre