

GPIO[40]	A1
GPIO[39]	A2
VIO_5	A4
VIO_3	A5
AVDD18_USB	A7
BUCK11_VOUT	A9
VBAT	A10
BUCK18_VOUT	A11
GPIO[61]	A13
GPIO[56]	A14
GPIO[63]	A15
GPIO[41]	B1
GPIO[37]	B2
GPIO[35]	B3
GPIO[36]	B4
GPIO[23]	B5
GPIO[22]	B6
USB_ID	B7
AVDD33_USB	B8
BUCK11_SENSE	B9
VBAT	B10
AVDD18	B12
GPIO[57]	B13
GPIO[62]	B14
VIO_6	B15
GPIO[38]	C3
GPIO[27]	C5
USB_DM	C7
ISENSE	C9
BUCK18_SENSE	C11
GPIO[3]	C13
VIO_4	D1
GPIO[29]	D2
GPIO[31]	D3
VCORE	D4
USB_VBUS	D6
USB_DP	D8
GND	D10
GPIO[59]	D12
GPIO[48]	D13
GPIO[49]	D14
VCORE	D15
GPIO[34]	E3
GPIO[24]	E5
GPIO[25]	E7
PDn	E9

GPIO[60]	E11
GPIO[47]	E13
VIO_2	F1
GPIO[32]	F2
GPIO[30]	F3
GPIO[28]	F4
GPIO[26]	F6
GPIO[4]	F8
GPIO[2]	F10
GPIO[46]	F12
AVDD18	F14
AVDD18	F15
GPIO[33]	G3
GPIO[13]	G5
GND	G7
GND	G8
GND	G9
GPIO[58]	G11
GPIO[42]	G13
XTAL_OUT	G15
VCORE	H1
GPIO[17]	H2
GPIO[15]	H3
GPIO[21]	H4
GND	H6
GND	H7
GND	H9
GPIO[45]	H10
GPIO[43]	H12
GND	H13
XTAL_IN	H15
GPIO[16]	J3
GND	J5
GND	J7
GND	J8
GND	J9
GPIO[44]	J11
EXT_FREQ/WCI-2_SOUT	J13
AVDD18	J15
VIO_1	K1
GPIO[20]	K2
GPIO[18]	K3
GPIO[14]	K4
GPIO[55]	K6
GPIO[52]	K8
VCORE	K10

GPIO[50]	K12
EXT_PRI	K13
AVDD18	K15
GPIO[19]	L3
GPIO[6]	L5
GPIO[5]	L7
GPIO[7]	L9
GPIO[53]	L11
EXT_GNT	L13
AVDD18	L15
GPIO[0]	M1
GPIO[11]	M2
GPIO[10]	M3
GPIO[9]	M4
GPIO[8]	M6
GPIO[51]	M8
GPIO[54]	M10
EXT_REQ	M12
GND	M13
AVDD18	M15
GPIO[1]	N2
RF_CNTL0	N3
GPIO[12]	N8
AVDD18	N15
AVDD18	P1
GND	P2
GND	P4
RF_CNTL1	P5
RF_CNTL2	P6
RF_CNTL3	P7
GND	P8
GND	P9
GND	P10
GND	P11
GND	P12
GND	P13
GND	P14
GND	P15
AVDD18	R1
AVDD18	R2
GND	R3
BRF_ANT	R4
GND	R5
VIO_RF	R6
GND	R7
VPA	R8

RF_TR_2	R9
AVDD18	R10
AVDD18	R11
AVDD18	R12
GND	R13
RF_TR_5	R14
VPA	R15

	FC0			CONNECTOR	GPIO	PIN	CONNECTOR
	FC1			SDA	GPIO[0]	M1	
	FC2			GPIO	GPIO[1]	N2	Botón
	FC3			SDA (I2C)	GPIO[2]	F10	SIOD Cámara
	FC14			SCL (I2C)	GPIO[3]	C13	SIOC Cámara
				SCK	GPIO[4]	F8	CS Pantalla
				SCL	GPIO[5]	L7	RST Pantalla
				SDA	GPIO[6]	L5	D/C Pantalla
				SCK	GPIO[7]	L9	SCK Pantalla
				TX - MISO - SCL	GPIO[8]	M6	MISO Pantalla
				RX - MOSI - SDA	GPIO[9]	M4	MOSI Pantalla
				SCL	GPIO[10]	M3	
				GPIO	GPIO[11]	M2	XCLK Cámara
				RX	GPIO[13]	G5	VSYNC Cámara
				TX	GPIO[14]	K4	PCLK Cámara
				SCK	GPIO[15]	H3	D0 Cámara
				SDA	GPIO[16]	J3	D1 Cámara
				SCL	GPIO[17]	H2	D2 Cámara
				GPIO	GPIO[18]	K3	D3 Cámara
				SCL	GPIO[19]	L3	D4 Cámara
				GPIO	GPIO[21]	H4	D5 Cámara
				RX	GPIO[24]	E5	Tx Lector Huellas
				SCK	GPIO[25]	E7	
				TX	GPIO[26]	F6	Rx Lector Huellas
				GPIO	GPIO[27]	C5	D6 Cámara
				ADC0 channel 0	GPIO[42]	G13	D7 Cámara
				DAC channel B	GPIO[43]	H12	Parlante interior
				DAC channel A	GPIO[44]	J11	Parlante exterior
				ADC0 channel 3	GPIO[45]	H10	1 Teclado
				ADC0 channel 4	GPIO[46]	F12	2 Teclado
				ADC0 channel 5	GPIO[47]	E13	3 Teclado
				ADC0 channel 6	GPIO[48]	D13	4 Teclado
				ADC0 channel 7	GPIO[49]	D14	5 Teclado
				GPIO	GPIO[51]	M8	6 Teclado
				GPIO	GPIO[52]	K8	7 Teclado
				SDA	GPIO[53]	L11	
				SCK	GPIO[54]	M10	
				SCL	GPIO[55]	K6	
				TX - MISO - SCL	GPIO[56]	A14	
				RX - MOSI - SDA	GPIO[57]	B13	
				ADC1 channel 3	GPIO[58]	G11	
				ADC1 channel 2	GPIO[59]	D12	Sensor de corriente
				ADC1 channel 1	GPIO[60]	E11	Micrófono Exterior
				ADC1 channel 0	GPIO[61]	A13	Micrófono Interior
				GPIO	GPIO[62]	B14	B Perilla
				GPIO	GPIO[63]	A15	D (SW1) Perilla
				GPIO	GPIO[63]	A15	D (SW1) Perilla

	hola sapa	tqm c:				
	Hola facuuuuuu	tqm+				
	Referencia	Proveedor	Cantidad	Costo Unidad \$COP	Link	Total Ref
	MCU RW612	NXP Semiconductors	1	134.065	https://co.mouse	134065
	Ili9341 (Screen)	ILITEK	1	62.900	https://electroni	62900
	OV7670 (Camera)	OmniVision	1	11.900	https://www.sigm	11900
	B3F (Button)	Omron	1	1.430	https://co.mouse	1430
	FPC1020 (Fingerprint sensor)	Fingerprints	1	50.779,38	https://www.elect	50779,38
	ACS712 (Current sensor)	Allegro	1	11.000	https://ferretron	11000
	RW612 (Board)	NXP Semiconductors	1	146.830,16	https://es.fornell	146830,16
	KY-037 (Microphone)	JOY-IT	2	4.700	https://electroni	9400
	FIT0449 (Speaker)	DFRobot	2	28.606	https://co.mouse	57212
	EC11E15244G1 (Knob)	ALPS	1	20.119	https://co.mouse	20119
	1k Resistors	-	30	73	https://www.dida	2177,7
	Total Proyecto	-	-	-	-	507813,24