

1. HARDWARE

1.1 PLACA FR004D:

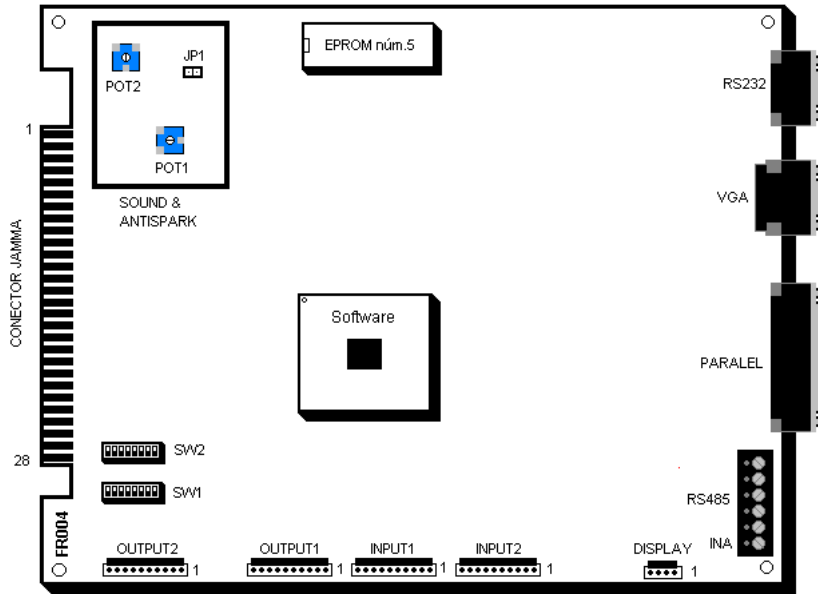


Fig. 1

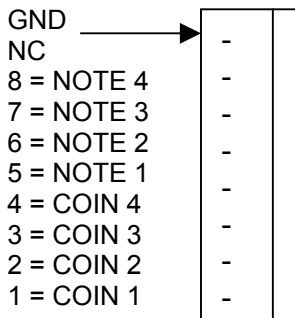
1.1.1 SONIDO Y ANTISPARK:

- Jp1: Colocando el jumper activamos el sonido del antispark, sin el jumper el antispark queda desactivado.
- Pot1: Regula la sensibilidad para la activación del antispark.
- Pot2: Regula el volumen del sonido.

1.1.2 CONECTORES ENTRADA /SALIDA:

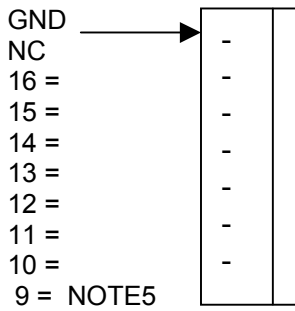
1.1.2.1 CONECTORES:

INPUT 1:

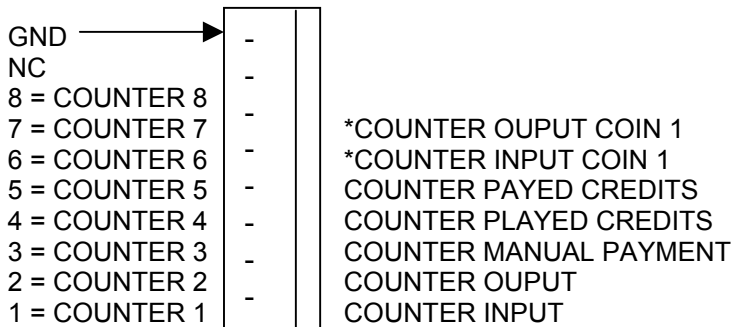


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INPUT 2:

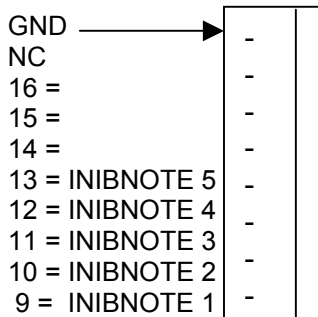


OUTPUT 1:



- *COUNTER COIN1: Este contador cuenta pulsos en base a la configuración de coin1.

OUTPUT 2:



1.1.2.2 CONECTOR VGA (Monitor):

Pin	Signal	I/O	Definition
1	RED	O	Red video
2	GREEN	O	Green video
3	BLUE	O	Blue video
4	MID2	N/A	No connection
5	NC	N/A	No connection
6	GND	N/A	Red return (ground)
7	GND	N/A	Green return (ground)
8	GND	N/A	Blue return (ground)
9	NC	N/A	No connection
10	GND	N/A	Sync return (ground)
11	NC	N/A	No connection
12	NC	N/A	No connection
13	HSYNC	O	H sync
14	VSYSNC	O	V sync
15	NC	N/A	No connection
Shell	GND	N/A	Chassis ground

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	Modo de Vídeo	Frec. Horiz.	Frec. Vertical	Configuración	Tipo Monitor
FR004	SVGA 800*600	48 Khz.	72 hz.		SVGA

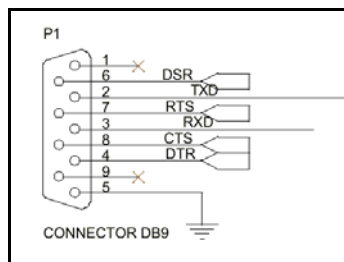
1.1.2.3 CONECTOR PARALELO:

Pin	EPP Signal	IN/OUT	Function
1	Write	Out	A low on this line indicates a Write, High indicates a Read
2-9	Data 0-7	In-Out	Data Bus. Bi-directional
10	Interrupt	In	Interrupt Line. Interrupt occurs on Positive (Rising) Edge.
11	Wait	In	Used for handshaking. A EPP cycle can be started when low, and finished when high.
12	Spare	In	Spare - Not Used in EPP Handshake
13	Spare	In	Spare - Not Used in EPP Handshake
14	Data Strobe	Out	When Low, indicates Data transfer
15	Spare	In	Spare - Note used in EPP Handshake
16	Reset	Out	Reset - Active Low
17	Address Strobe	Out	When low, indicates Address transfer
18-25	Ground	GND	Ground

*Ha de estar configurado el PC el puerto en modo EPP V1.9.

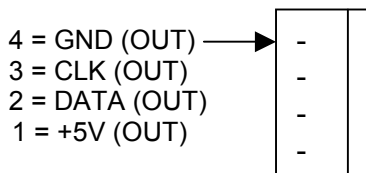
***No conectar puerto paralelo.**

1.1.2.4 CONECTOR SERIE RS232 (DB9):



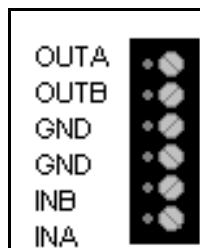
***No conectar puerto serie.**

1.1.2.5 DISPLAY (PLACA FR004D):



1.1.2.6 CONECTOR LINK RS485 o J2 (LINK):

RS485 (PLACA FR004):



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JP2 (LINK)(PLACA FR004F):

5 = RX_485 (OUT) →
4 = TE/RE (OUT)
3 = TX_RS485 (OUT)
2 = GND (OUT)
1 = +5V (OUT)

