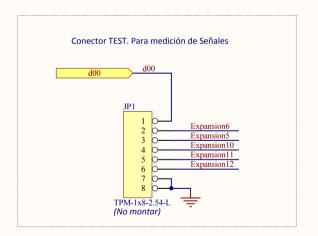
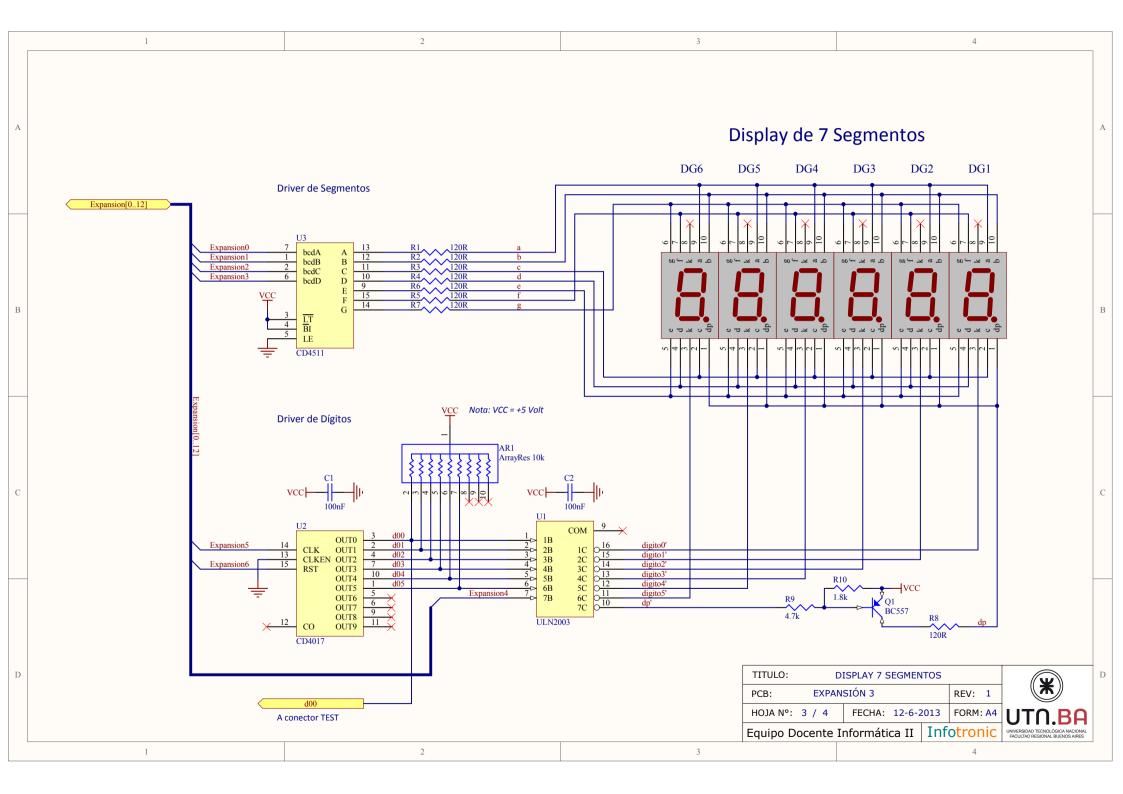


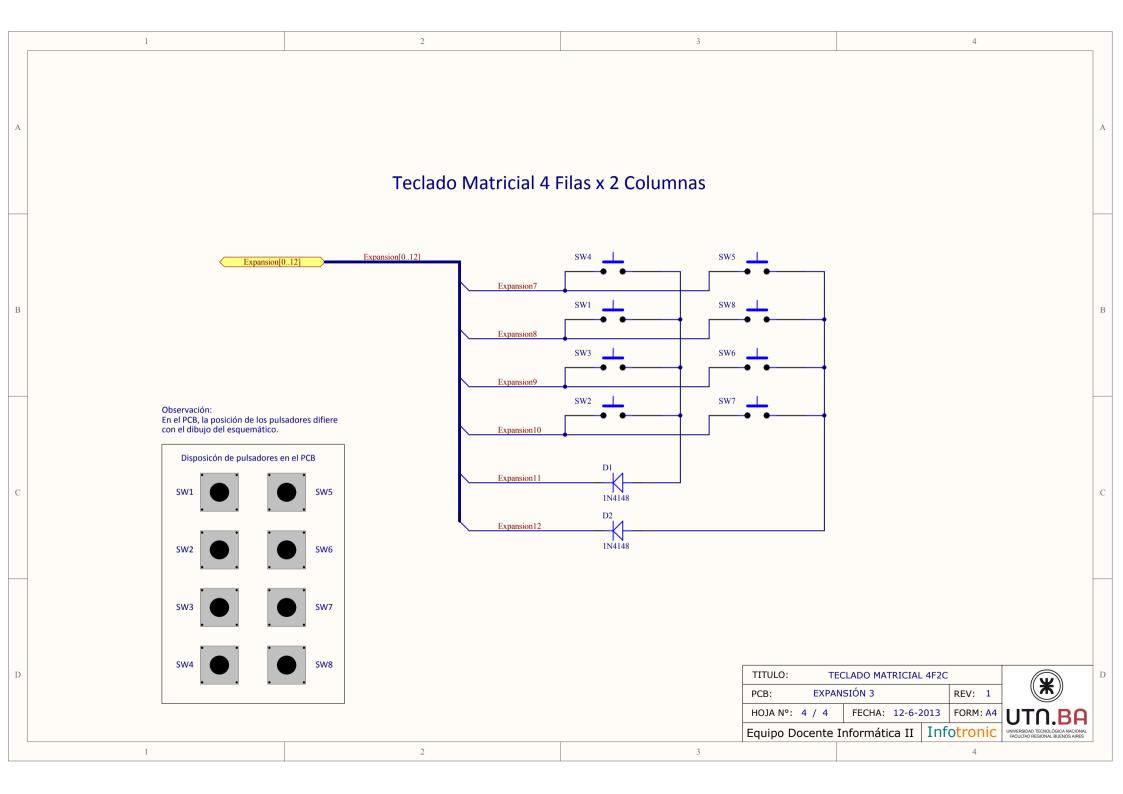
Expansión 3	Placa Base	LPCXpresso LPC1769	Nombre	Función
CN1[1]	CN3[1]			
CN1[2]	CN3[2]			
CN1[3]	CN3[3]			
CN1[4]	CN3[4]			
CN1[5]	CN3[5]			
CN1[6]	CN3[6]			
CN1[7]	CN3[7]			
CN1[8]	CN3[8]			
CN1[9]	CN3[9]			
CN1[10]	CN3[10]			
CN1[11]	CN3[11]			
CN1[12]	CN3[12]			
CN1[13]				
CN1[14]				
CN1[15]	01101451			
CN1[16]				
CN1[17]	CN3[17]			
CN1[18]				
CN1[19]			VCC	+5 Volt
CN1[20]		GND	GND	Ground
CN2[1]	CN4[1]	GIVD	VDD	+9 Volt (Sin uso)
CN2[2]	CN4[2]	P3[26]	Expansion6	Driver de Digito - Contador - Señal RST
CN2[3]	CN4[3]	13[20]	V-3.3v	+3.3 Volt (Sin uso)
CN2[4]		P1[25]	Expansion7	and the control of th
CN2[5]	CN4[5]	1 1[23]	VCC	+5 Volt
CN2[6]	CN4[6]	P1[22]	Expansion8	Teclado Matricial - Fila1
CN2[7]	CN4[7]	GND	GND	Ground
CN2[8]	CN4[8]	P1[19]	Expansion9	
CN2[9]	CN4[8]		Expansion0	
CN2[10]	CN4[10]	P0[20]	Expansion10 Expansion10	
CN2[10]	CN4[10]		Expansion1	
CN2[11]	CN4[11]	P3[25]	Expansion11	
CN2[13]	2 2	P3[25]	Expansion2	Driver de Segmento - BCD a 7seg - Señal bcdC
		[=0]	Expansion12 Expansion12	
CN2[14]	CN4[14]	11		
CN2[15]	Citifical	P1[23]	Expansion3	Driver de Segmento - BCD a 7seg - Señal bcdD
CN2[16]	Civilia	D1[20]	Eupansian 4	Driver Cogmente de
CN2[17]	CN4[17]	P1[20]	Expansion4	Driver Segmento dp
CN2[18]	0.1.[20]	00[10]	EvansionE	Driver de Digita Contador Coñ-LCLV
CN2[19]	CN4[19] CN4[20]	P0[19]	Expansion5	Driver de Digito - Contador - Señal CLK

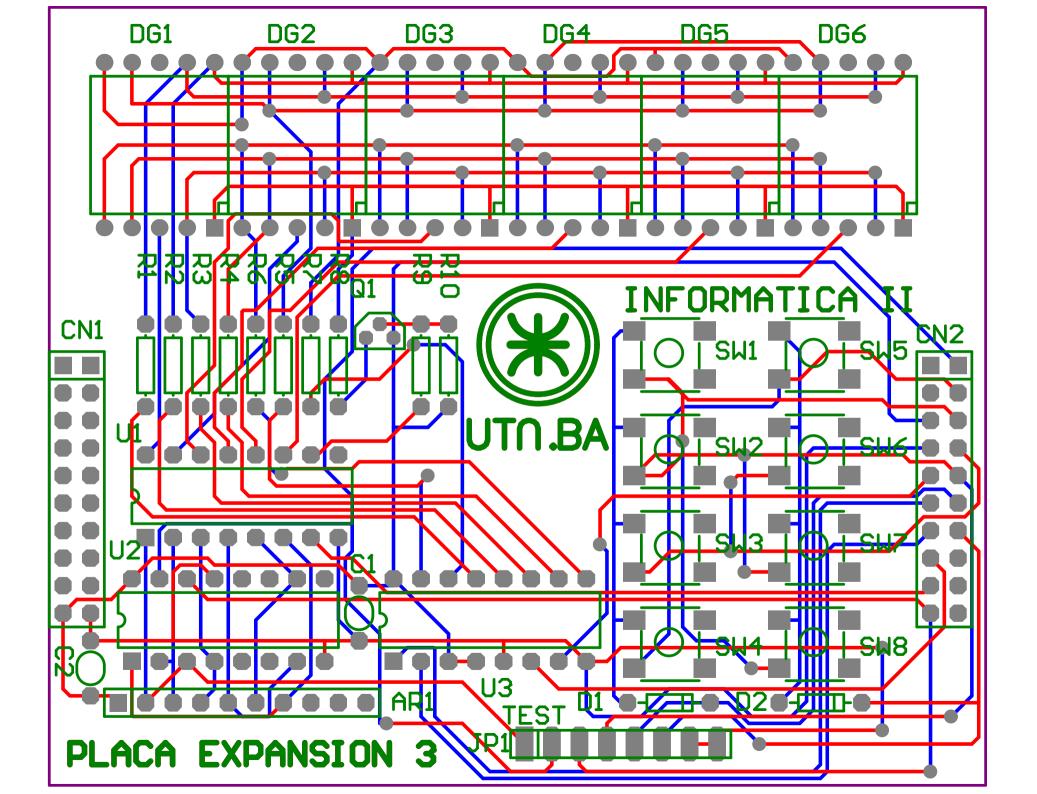


TITULO:	CO	NEXIÓN A PLACA	BASE		
PCB:	EXPAN	REV: 1			
HOJA N°:	2 / 4	FECHA: 12-6-2	2013	FORM: A4	l
Equipo D	otronic	UNI FA			









## LISTA DE MATERIALES



Proyecto PCB:	Expansión3.PrjPCB
i i oyeeto i eb.	Expansions: iji CD

Creation Date: <u>12-6-2013</u>

Footprint	Comment	Designator	Description	Quantity
SIP10	ArrayRes 10k	AR1	Array de Resistencias 10 pines 1 comun	1
CAP0.2	100nF	C1, C2	Capacitor Multicapa, Paso .2	2
SIP2X10	TPM-2x10-2.54-L	CN1, CN2	Tira de Pines Macho, 2 Filas, 10 Pines, Paso	2
			2.54mm, Largos	
DIODE0.3	1N4148	D1, D2	Diodo Ultrarápido, 200mA, 100V	2
DIGIT0.7R	D350	DG1, DG2, DG3, DG4, DG5,	Dígito de 1/2 Pulgada, Cátodo Común	6
		DG6		
SIP8 +	TPM-1x8-2.54-L	JP1	Tira de Pines Macho, 1 Filas, 8 Pines, Paso	1
			2.54mm	
TO-92A	BC557	Q1	Transistor PNP	1
AXIAL0.3	120R	R1, R2, R3, R4, R5, R6, R7,	Resistencia	8
		R8	_	
AXIAL0.3	4.7k	R9	Resistencia	1
AXIAL0.3	1.8k	R10	Resistencia	1
ZIPPY-TS	TS-6x6x4.3-4T-H	SW1, SW2, SW3, SW4,	Tact Switch, 6mm x 6mm x 4.3mm, 4	8
		SW5, SW6, SW7, SW8	terminales, Horizontal	
DIP16	ULN2003	U1	Array de 7 Transistores Darlington	1
DIP16	CD4017	U2	Contador 10 etapas	1
DIP16	CD4511	U3	Conversor BCD a 7 segmentos	1
				36
Aprobado		Notas		

**Equipo Docente Informática II**