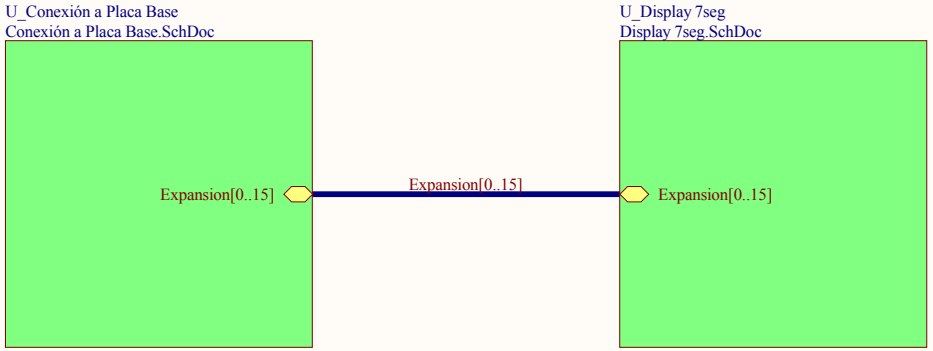

TITULO:	DIAGRAMA EN BLOQUE		
PCB:	EXPANSIÓN 2		REV: 1
HOJA N°: 1 / 3	FECHA: 12-6-2013		FORM: A4
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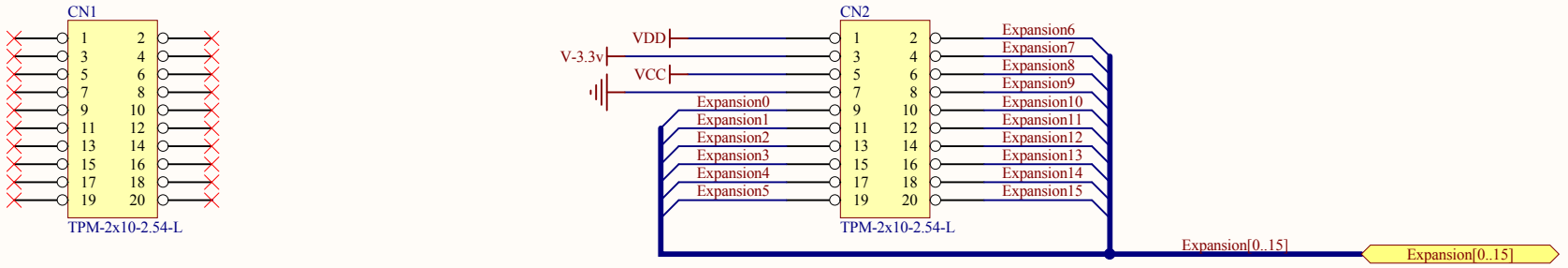
Conectores para Montar la "Placa Expansión 2" en la "Placa Base"



Expansión 2	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]	CN3[13]			
CN1[14]	CN3[14]			
CN1[15]	CN3[15]			
CN1[16]	CN3[16]			
CN1[17]	CN3[17]			
CN1[18]	CN3[18]			
CN1[19]	CN3[19]			
CN1[20]	CN3[20]			
CN2[1]	CN4[1]		VDD	+9 Volt
CN2[2]	CN4[2]	P3[26]	Expansion6	Driver Segmento a
CN2[3]	CN4[3]		V-3.3v	+3.3 Volt (Sin uso)
CN2[4]	CN4[4]	P1[25]	Expansion7	Sin uso
CN2[5]	CN4[5]		VCC	+5 Volt (Sin uso)
CN2[6]	CN4[6]	P1[22]	Expansion8	Sin uso
CN2[7]	CN4[7]	GND	GND	Ground
CN2[8]	CN4[8]	P1[19]	Expansion9	Driver Segmento dp
CN2[9]	CN4[9]	P2[7]	Expansion0	Driver Digito 5 (DG6)
CN2[10]	CN4[10]	P0[20]	Expansion10	Driver Segmento g
CN2[11]	CN4[11]	P1[29]	Expansion1	Driver Digito 4 (DG5)
CN2[12]	CN4[12]	P3[25]	Expansion11	Driver Segmento f
CN2[13]	CN4[13]	P4[28]	Expansion2	Driver Digito 3 (DG4)
CN2[14]	CN4[14]	P1[27]	Expansion12	Driver Segmento e
CN2[15]	CN4[15]	P1[23]	Expansion3	Driver Digito 2 (DG3)
CN2[16]	CN4[16]	P1[24]	Expansion13	Driver Segmento d
CN2[17]	CN4[17]	P1[20]	Expansion4	Driver Digito 1 (DG2)
CN2[18]	CN4[18]	P1[21]	Expansion14	Driver Segmento c
CN2[19]	CN4[19]	P0[19]	Expansion5	Driver Digito 0 (DG1)
CN2[20]	CN4[20]	P1[18]	Expansion15	Driver Segmento b

TITULO:	CONEXIÓN A PLACA BASE		
PCB:	EXPANSIÓN 2		REV: 1
HOJA N°: 2 / 3	FECHA: 12-6-2013		FORM: A4
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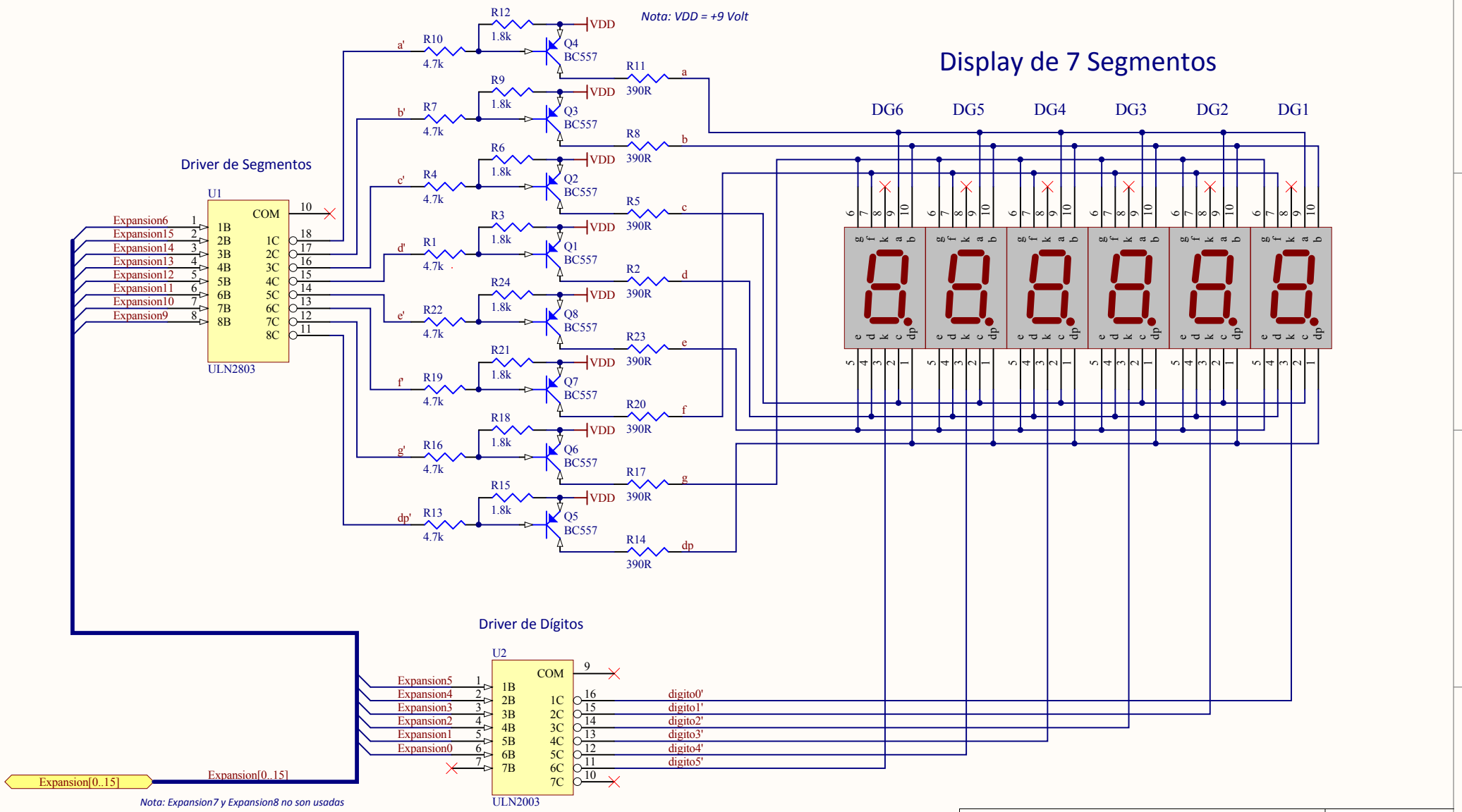

TITULO:	DISPLAY 7 SEGMENTOS		
PCB:	EXPANSIÓN 2		REV: 1
HOJA N°: 3 / 3	FECHA: 12-6-2013		FORM: A4
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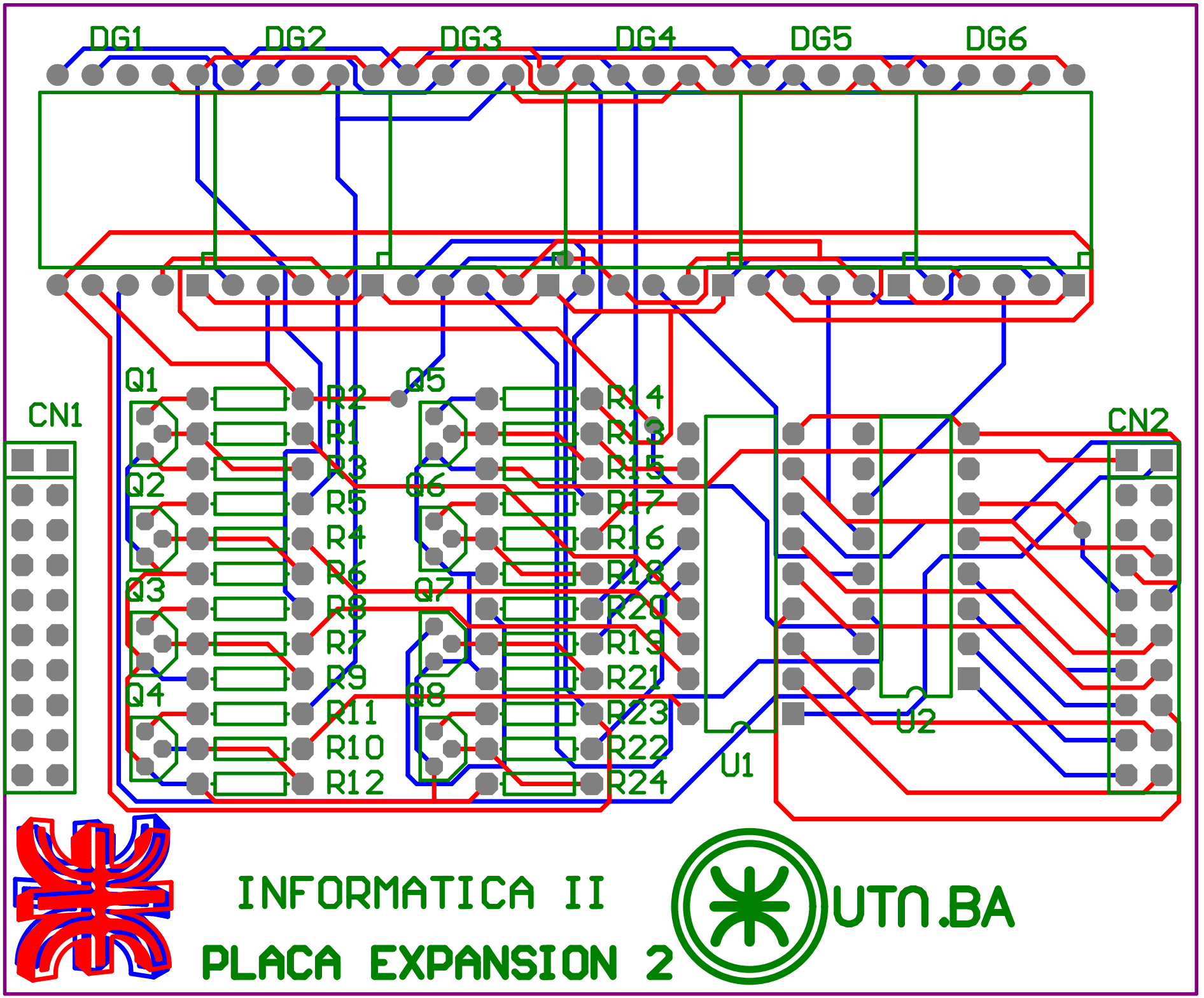
DG1
DG2
DG3
DG4
DG5
DG6
CN1
CN2
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
R18
R19
R20
R21
R22
R23
R24
U1
U2
INFORMATICA II
PLACA EXPANSION 2
UTN.BA

LISTA DE MATERIALES

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FACULTAD REGIONAL BUENOS AIRES

Proyecto PCB: **Expansión2.PrjPCB**

Creation Date: 12-6-2013

Footprint	Comment	Designator	Description	Quantity
SIP2X10	TPM-2x10-2.54-L	CN1, CN2	Tira de Pines Macho, 2 Filas, 10 Pines, Paso 2.54mm, Largos	2
DIGIT0.7R	D350	DG1, DG2, DG3, DG4, DG5, DG6	Dígito de 1/2 Pulgada, Cátodo Común	6
TO-92A	BC557	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8	Transistor PNP	8
AXIAL0.3	4.7k	R1, R4, R7, R10, R13, R16, R19, R22	Resistencia	8
AXIAL0.3	390R	R2, R5, R8, R11, R14, R17, R20, R23	Resistencia	8
AXIAL0.3	1.8k	R3, R6, R9, R12, R15, R18, R21, R24	Resistencia	8
DIP18	ULN2803	U1	Array de 8 Transistores Darlington	1
DIP16	ULN2003	U2	Array de 7 Transistores Darlington	1
				42

Aprobado	Notas	

Equipo Docente Informática II