

120421 - ArduPLCm		
Title: ENTRADAS		
Size: A3		
Organization: Ray Ingenieria Electrónica, S.L.		
Date: 20/06/2012	Version: 1	Sheet: 3 of 5
File: Entradas.Sch	Rev.: 0	
Drawn by: Raimundo Alfonso Sanchez		

A

B

C

D

A

B

C

D

1

2

3

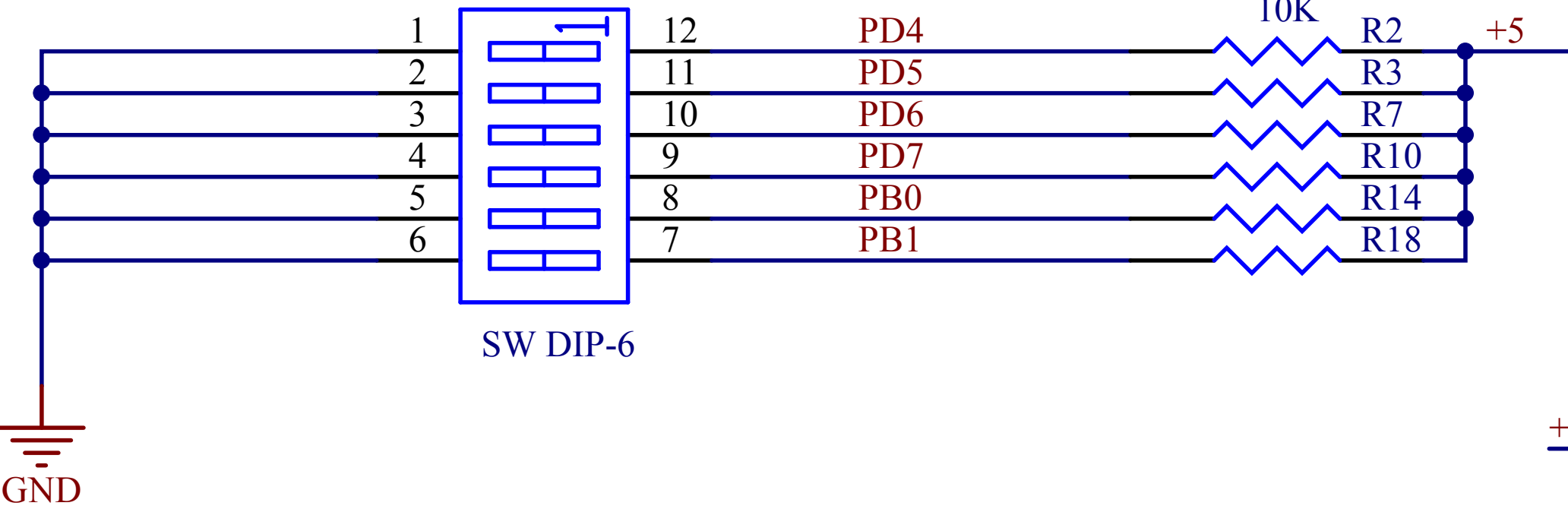
4

+5

+5

S1

SW DIP-6



+5

R1

10K

C10
100nF

RESET

RTS

J2

CTS
TXD
RXD
RTS

CONECTOR
PROGRAMACIÓN
USB-TTL

IDC 6 PIN

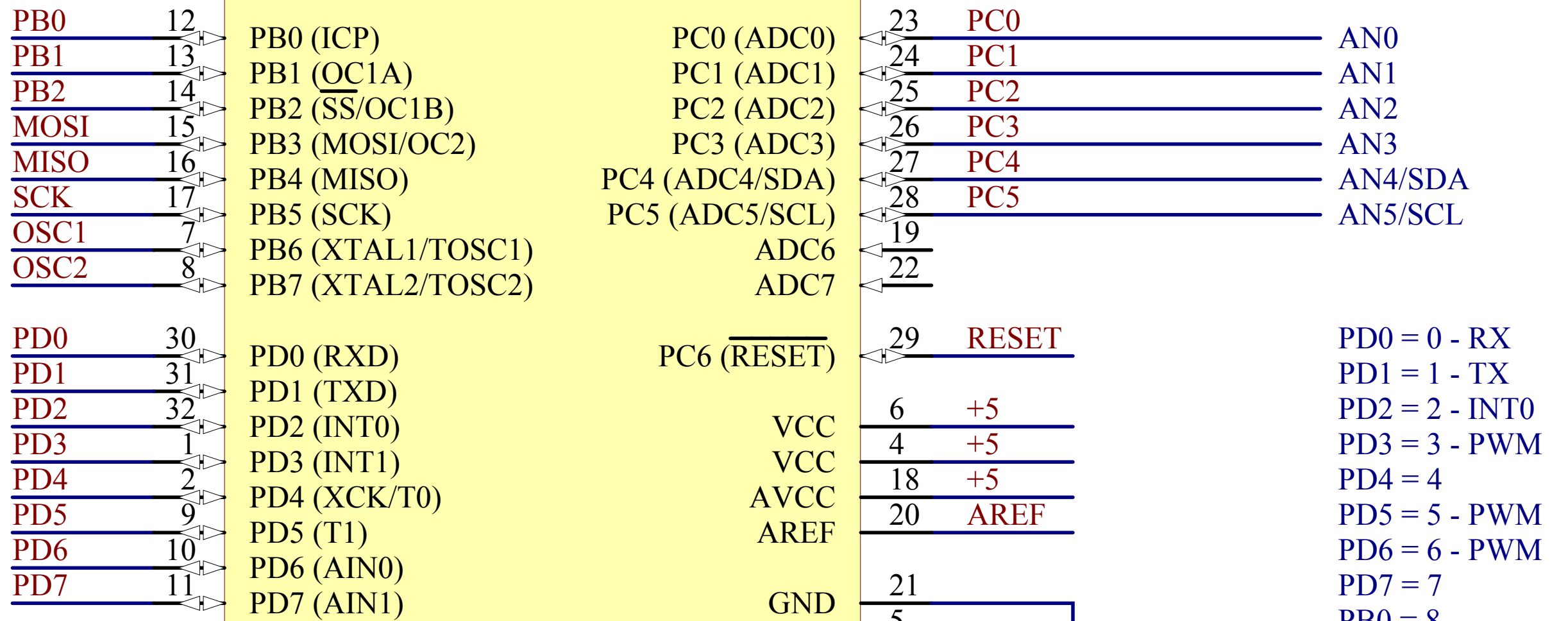
J1

MISO
+5
SCK
MOSI
RESET

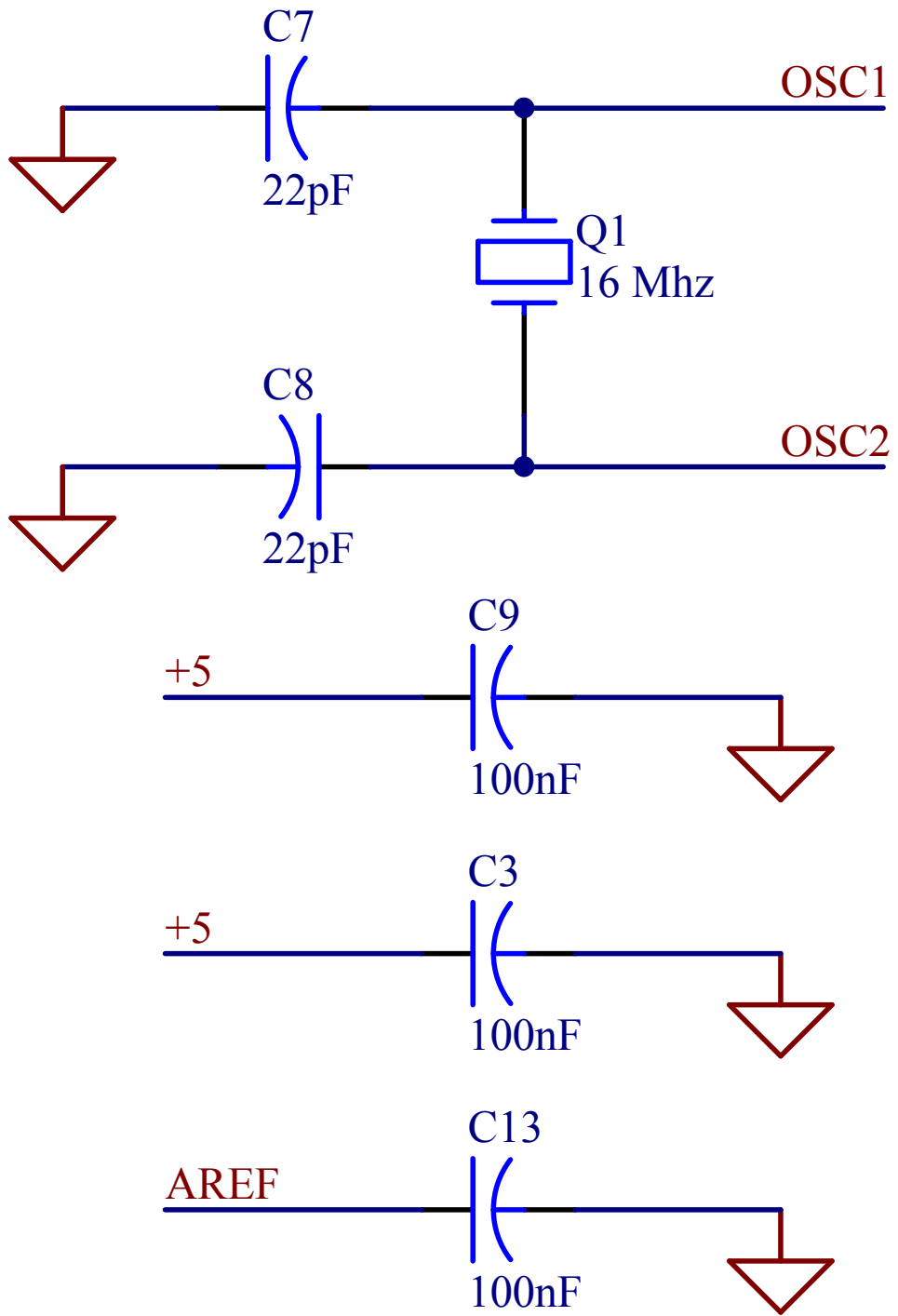
CONECTOR
PROGRAMACIÓN
ICSP

IDC 6 PIN

IC1



ATMEGA328P-AU



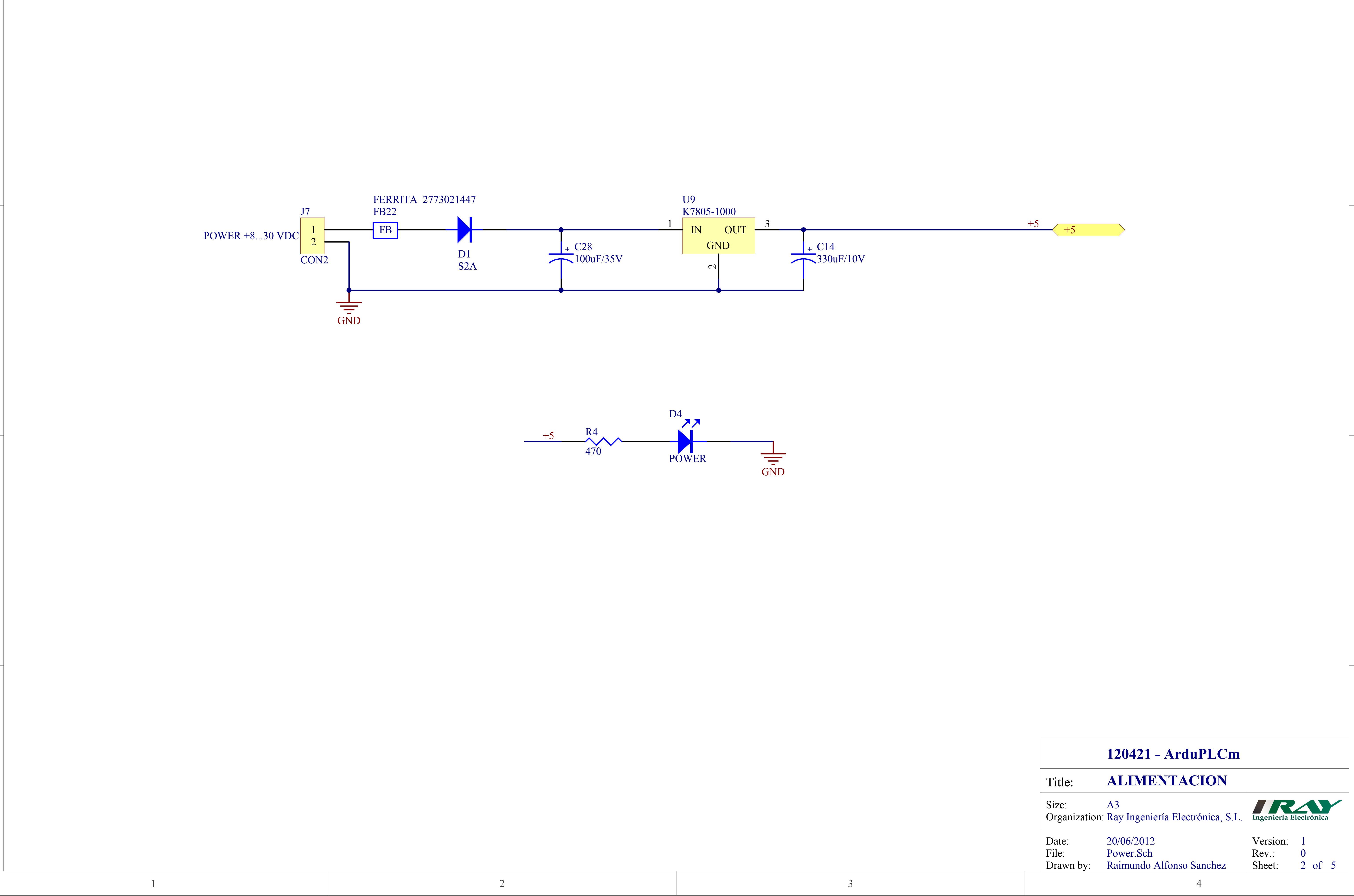
120421 - ArduPLCm		
Title:	MICROCONTROLADOR	
Size:	A3	
Organization:	Ray Ingeniería Electrónica, S.L.	
Date:	20/06/2012	Version: 1
File:	Micro.Sch	Rev.: 0
Drawn by:	Raimundo Alfonso Sanchez	Sheet: 1 of 5

1

2

3

4



120421 - ArduPLCm		
Title:	ALIMENTACION	
Size:	A3	
Organization:	Ray Ingenieria Electrónica, S.L.	
Date:	20/06/2012	Version: 1
File:	Power.Sch	Rev.: 0
Drawn by:	Raimundo Alfonso Sanchez	Sheet: 2 of 5

A

B

C

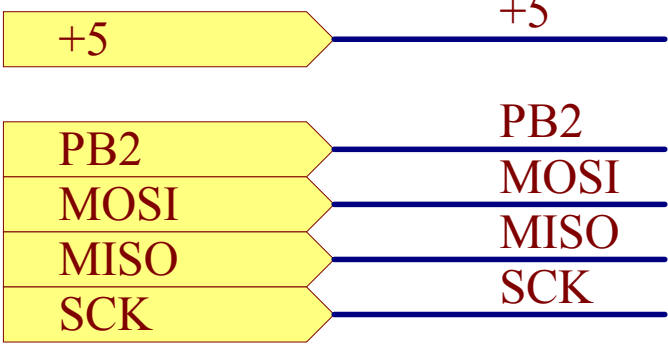
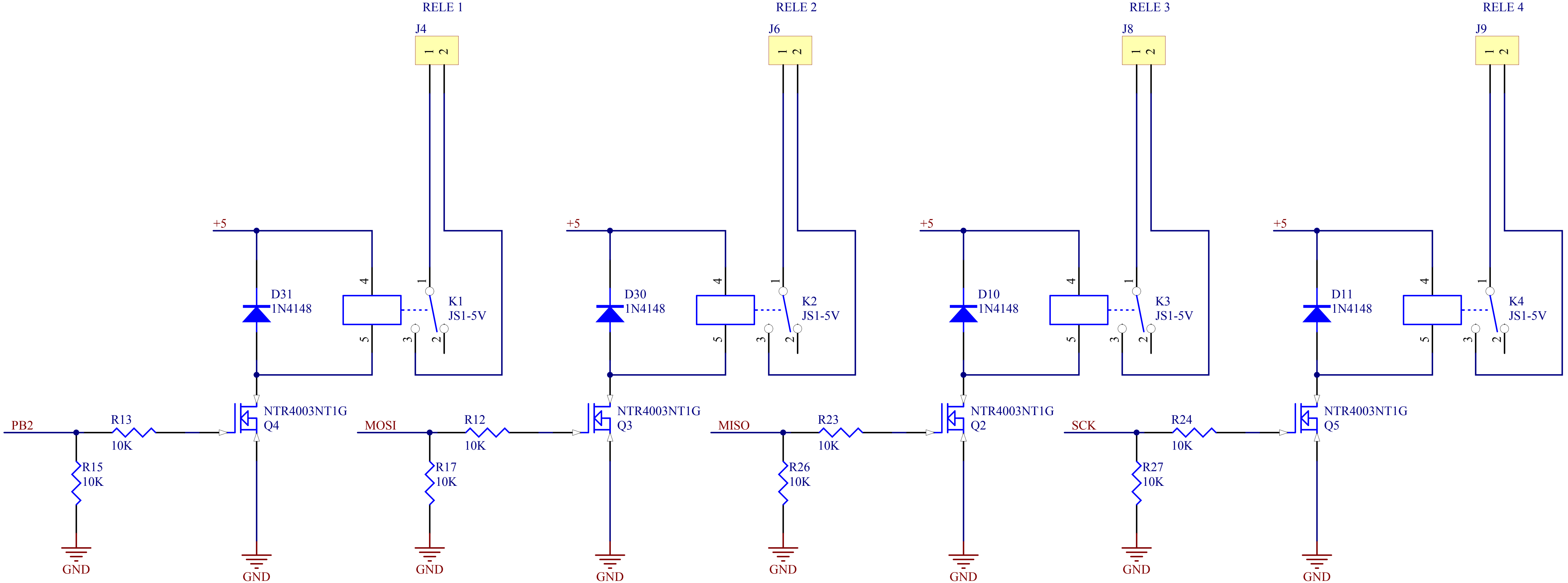
D

A

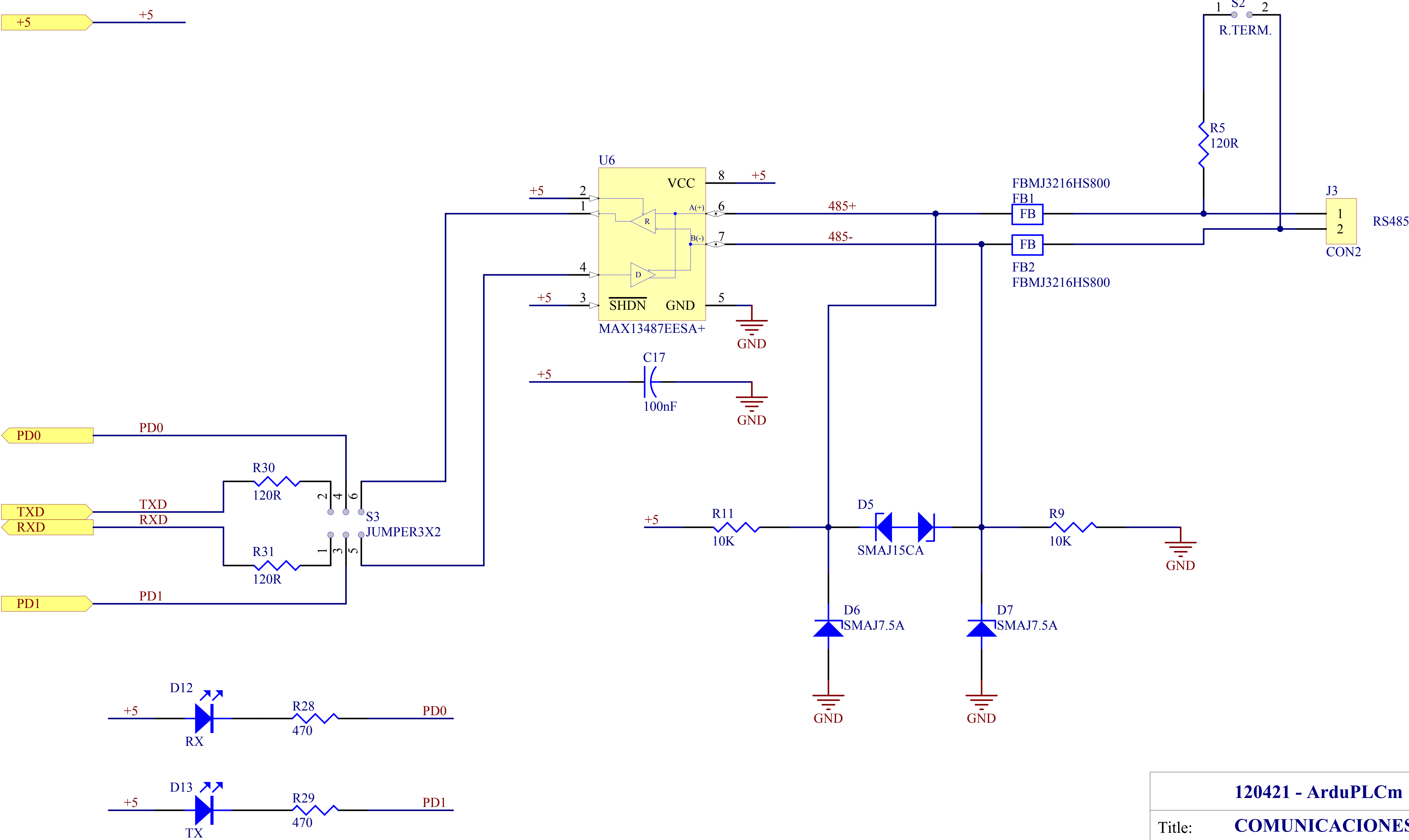
B

C

D



120421 - ArduPLCm		
Title:	SALIDAS	
Size:	A3	
Organization:	Ray Ingenieria Electrónica, S.L.	
Date:	20/06/2012	Version: 1
File:	Reles.Sch	Rev.: 0
Drawn by:	Raimundo Alfonso Sanchez	Sheet: 4 of 5



120421 - ArduPLCm		
Title: COMUNICACIONES RS485		
Size: A3	Organization: Ray Ingeniería Electrónica, S.L.	
Date: 20/06/2012		
File: RS485.Sch	Version: 1	Rev.: 0
Drawn by: Raimundo Alfonso Sanchez		
Sheet: 5 of 5		