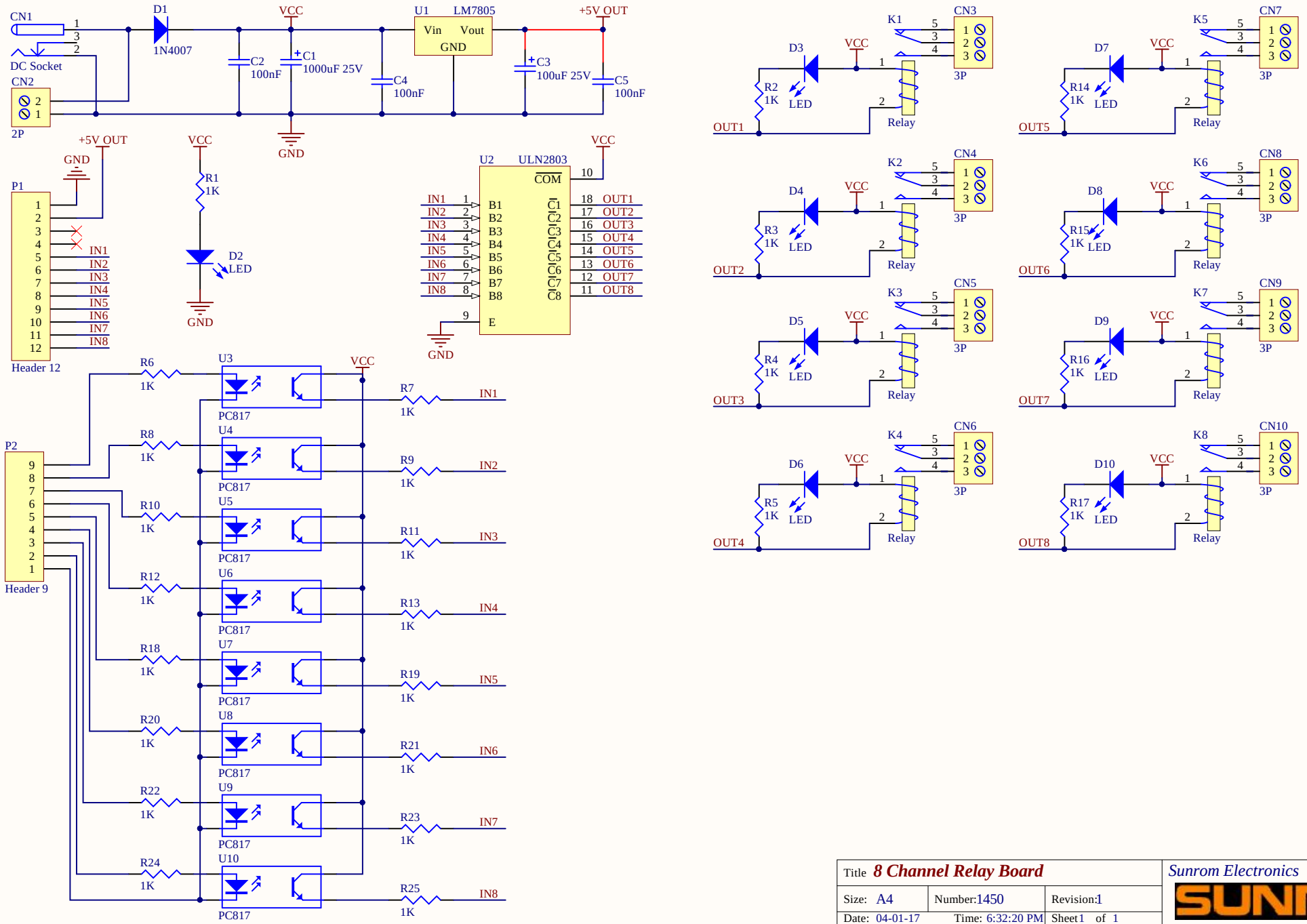

CN1
DC Socket
CN2
2P
D1
1N4007
VCC
C2
100nF
C1
1000uF 25V
C4
100nF
GND
U1
LM7805
Vin
Vout
GND
+5V OUT
C3
100uF 25V
C5
100nF
P1
Header 12
R1
1K
D2
LED
U2
ULN2803
COM
IN1
IN2
IN3
IN4
IN5
IN6
IN7
IN8
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6
OUT7
OUT8
P2
Header 9
R6
R7
R8
R9
R10
R11
R12
R13
R18
R19
R20
R21
R22
R23
R24
R25
1K
U3
U4
U5
U6
U7
U8
U9
U10
PC817
D3
D4
D5
D6
D7
D8
D9
D10
R2
R3
R4
R5
R14
R15
R16
R17
LED
K1
K2
K3
K4
K5
K6
K7
K8
Relay
CN3
CN4
CN5
CN6
CN7
CN8
CN9
CN10
3P
Title 8 Channel Relay Board
Size: A4
Number:1450
Revision:1
Date: 04-01-17
Time: 6:32:20 PM
Sheet1 of 1
Sunrom Electronics www.sunrom.com
SUNROM

NC #1C NO
NC #2C NO
NC #3C NO
NC #4C NO
NC #5C NO
NC #6C NO
NC #7C NO
NC #8C NO
CN3
CN4
CN5
CN6
CN7
CN8
CN9
CN10
NC
NO
K1
K2
K3
K4
K5
K6
K7
K8
D3
D4
D5
D6
D7
D8
D9
D10
R2
R3
R4
R5
R14
R15
R16
R17
P1
GND
+5V OUT
ISOLATED INPUTS
IN1
IN2
IN3
IN4
IN5
IN6
IN7
IN8
U2
C1
C2
C3
C4
C5
D1
R1
CN1
CN2
D2
PWR
5V STAGE
U1
GND +VIN
SUNROM
SUNROM
R25
R23
R21
R19
R13
R11
R9
R7
U10
U9
U8
U7
U6
U5
U4
U3
R24
R22
R20
R18
R12
R10
R8
R6
P2
GND
8
7
6
5
4
3
2
1

Comment	Designator	Quantity
1000uF 25V	C1	1
100nF	C2, C4, C5	3
100uF 25V	C3	1
DC Socket	CN1	1
2P	CN2	1
3P	CN3, CN4, CN5, CN6, CN7, CN8, CN9, CN10	8
1N4007	D1	1
LED	D2, D3, D4, D5, D6, D7, D8, D9, D10	9
Relay	K1, K2, K3, K4, K5, K6, K7, K8	8
Header 12	P1	1
Header 9	P2	1
1K	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25	25
LM7805	U1	1
ULN2803	U2	1
PC817	U3, U4, U5, U6, U7, U8, U9, U10	8