NIXIE H1
NEC- LD955A
NIXIE H2
NEC- LD955A
NIXIE M1
NEC- LD955A
NIXIE M2
NEC- LD955A
NIXIE S1
NEC- LD955A
NIXIE S2
NEC- LD955A
Anode
DP
74141
R1 10k
R2 10k
R3 1M
R4 22k
R5 22k
R6 1M
R8 22k
R9 10k
R10 1M
R11 22k
R12 22k
R13 10k
R14 1M
R15 22k
R16 22k
R17 10k
R18 1M
R19 22k
R20 22k
R21 10k
R22 1M
R23 22k
R24 22k
R7 22k
Q1 MPSA92
Q2 MPSA42
Q3 MPSA92
Q4 MPSA42
Q5 MPSA92
Q6 MPSA42
Q7 MPSA92
Q8 MPSA42
Q9 MPSA92
Q10 MPSA42
Q11 MPSA92
Q12 MPSA42
DATE
SET MIN
SET SEC
SET HOUR
ARDUINO PRO MINI
+5V
RX / D0
TX / D1
RST
5V
GND
Arduino Mini
ATMEL
ATMEGA328P
www.TheEngineeringProjects.com
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
A0
A1
A2
A3
A4
A5
A6
A7
CLOCK/TIMER/TEMP
RTC - DS3231
SCL
SDA
RST
32KHz
INT/SQW
VBAT
3V
LM35
VOUT
J1
9 Volt Input
7805
VI
VO
GND
C6
10uF
C7
100nF
R25
100k
C1
220uF
R26
1M
4098:A
RC
CX
+T
-T
Q
PIR SENSOR
SR-505
C945
IRF540
SW1
Sensor Bypass
+9 Volt
16V
470uF
555
R
VCC
DC
CV
TR
GND
TH
BC547
100uH
2A
UF4004
+180 Volt
1K
10K
2.2 NF
IRF740
2.2K
100P
220K
4.7UF
200V
RV1
1k

FILE NAME:	Nixie clock full.pdsprj
DESIGN TITLE:	6 digit Nixie Clock
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BY:	Sirous Nekooei
REV:	@REV
DATE:	6/14/2019
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