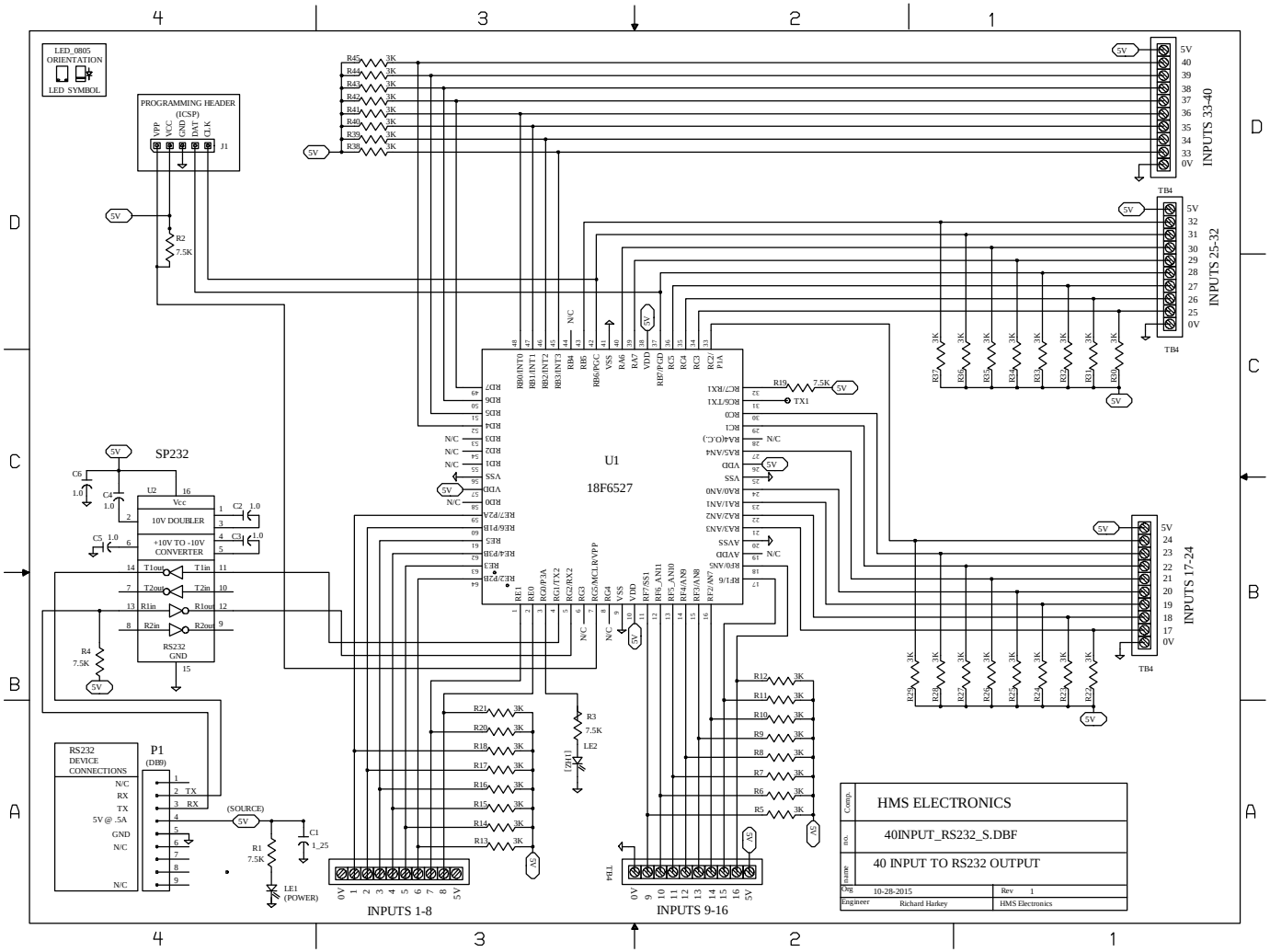
LED_0805 ORIENTATION
LED SYMBOL
PROGRAMMING HEADER (ICSP)
VPP VCC GND DAT CLK
J1
R45 3K
R44 3K
R43 3K
R42 3K
R41 3K
R40 3K
R39 3K
R38 3K
5V
R2 7.5K
U1
18F6527
INPUTS 33-40
INPUTS 25-32
INPUTS 17-24
TB4
R19 7.5K
TX1
SP232
U2
Vcc
10V DOUBLER
+10V TO -10V CONVERTER
RS232 GND
C6 1.0
C4 1.0
C5 1.0
C2 1.0
C3 1.0
T1out T1in
T2out T2in
R1in R1out
R2in R2out
R4 7.5K
RS232 DEVICE CONNECTIONS
N/C
RX
TX
5V @ .5A
GND
N/C
P1 (DB9)
TX
RX
(SOURCE)
C1 1_25
R1 7.5K
LE1 (POWER)
R3 7.5K
LE2
INPUTS 1-8
INPUTS 9-16
PGL
HMS ELECTRONICS
40INPUT_RS232_S.DBF
40 INPUT TO RS232 OUTPUT
Comp.
No.
Name
Org
10-28-2015
Rev 1
Engineer
Richard Harkey
HMS Electronics