



Comp.	
Eng.	Richard Harkley
Rev	1.0
HMS ELECTRONICS	
ROKU_HD_5X8_S.DBF	
ROKU HD 5 INPUT-8 OUTPUT BOARD	
MEDIUM CURRENT OUTPUT (300 MILLIAMPS)	
no.	

EXTERNAL POWER
12V OR 24V
A1
A0
TB3

U2
ULN2803A
VBB
GND
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
+V
TB2

OUTPUTS 0-7
300 MILLIAMPS MAX (EACH)
1 AMPERE AGGREGATE
TYPICAL LAMP CONNECTIONS

SOURCE VOLTAGE FOR EXTERNAL LOADS

PROGRAMMING HEADER (ICSP)

OPTIONS HEADER (ICSP)

PIR JACK

LED1

LED2

INPUTS 0-7

TYPICAL INPUT CONNECTIONS