



LED_0805
ORIENTATION
LED SYMBOL

VPP VCC GND DAT CLK
PROGRAMMING HEADER
(ICSP) J1

OPTIONS
TO BE DETERMINED

INPUTS 1-8
TYPICAL SWITCH INPUTS

U1
18F25K22

INSERT W1 FOR
USB 5V OUTPUTS

2.1mm POWER JACK
EXTERNAL 5-24V POWER
(CENTER, POSITIVE)

OUTPUTS 1-8
2 AMPERES MAX EACH DRIVER
(LOW IMPEDANCE DRIVERS)

Comp.	HMS ELECTRONICS	
name	8 INPUTS, 8 OUTPUTS TO USB PORT	
no.	USB_8X8_R2S.DBF	
Org	06-22-2017	Rev 3.0
Engineer	Richard Harkey	HMS Electronics

REV 2 BOARD