



LED_0805
ORIENTATION
LED SYMBOL

PROGRAMMING HEADER
(ICSP)
VPP VCC GND DAT CLK
J1

SW1
1 2 3 4
OPTIONS

18F45K22
U1

INPUTS 17-24

INPUTS 9-16

INPUTS 1-8

RS232
DEVICE
CONNECTIONS

P1 (DB9)

SP3232 (3.3V)

2.1mm POWER JACK (-5V BOARDS)

J2
5V (CENTER, POSITIVE)

Comp:	HMS ELECTRONICS	
no.:	24INPUT_RS232_S.DBF	
name:	24 INPUT TO RS232 OUTPUT	
Org:	05-28-2013	Rev 1
Engineer:	Richard Harkey	HMS Electronics