



DESCRIPTION:

Designed to connect the iRobot Create's Open Interface DB-25 connector,
an LCD, a calibration pot, a gyro/acc breakout and hobby servos to an Arduino (UNO R3)

Released under the Creative Commons
Attribution Share-Alike 3.0 License
<http://creativecommons.org/licenses/by-sa/3.0>

TITLE: arduino_irobot_bridge

Design by: Jordan Smith

REV:

Date: 13-06-06 12:49 PM

Sheet: 1/1

Part	Quantity	Value	Package
C1	1	100uF	CPOL-RADIAL-100UF-25V
C2	1	1uF	C2.5-2
D1	1	LED-RGB-CC-THRU	LED-RGB-THRU
FRAME1	1	FRAME-LETTER	CREATIVE_COMMONS
IC1	1	PT78HT205H	TO220-IGO
JP1	1	MPU6050	1X10_LOCK_LONGPADS
JP2,JP3	2		1X03_LOCK_LONGPADS
JP4,JP5	2		1X03_LONGPADS
JP6	1	M01PTH	1X01
JP7	1		1X05_LONGPADS
JP8	1	M02PTH	1X02
JP9	1	M02PTH3	1X02_LONGPADS
R1	1	10K	TRIMMER_3306F
R2	1	10K_EVUF3A	EVUF
R3,R4,R7	3	200OHM	0207/12
R5,R6	2	110OHM	0207/12

S1	1	2P2T	2P2T
T1	1	2N2907	TO92-EBC
U\$1,U\$2,U\$3	3		DP10080_V1
U\$4	1		OSHW-LOGO-L
U\$5	1		LOGO_CC-0
U1	1	LCD-16X2	LCD-16X2
U2	1	ARDUINO_UNO	DUEMILANOVE_SHIELD
USB_HUB_PWR	1	MOLEX M02 POLAR	MOLEX-1X2
X1	1		M25VP

