



Comment	Description	Designator	Footprint	LibRef	Quantity
1x2 2 Pin Header		5V_S, 5V_S1, 5V_S2, J7(41&42)	1x2 2 Pin Header	1x2 2 Pin Header	4
ARDUINO_MEGA2560_ REV3_-_RETAIL	Dev.kit: Arduino; SPI, TWI, UART; ICSP, USB B, pin strips, supply	A1	*ARDUINO_MEGA2560_ REV3_- _RETAIL_ARDUINO_ME GA2560_REV3_- _RETAIL(Primary)	ARDUINO_MEGA2560_ REV3_-_RETAIL	1
1x10 10 Pin Header		EXTRA_I/O	1x10 10 Pin Header	1x10 10 Pin Header	1
1x20 20 Pin Header		J3(1-20), J4(21-40), J8(43- 62), J9(63-81-5V)	1x20 20 Pin Header	1x20 20 Pin Header	4
1x4 4 Pin Header		J5(Bluetooth)	1x4 4 Pin Header	1x4 4 Pin Header	1
1x3 3 Pin Header		J6(BlueSwitch), Power- switch	1x3 3 Pin Header	1x3 3 Pin Header	2
DC-005	Conn Dc Power Jack 2.1mm	POWER	*NINIGI_DC-005	DC-005	1
SN74LS138N	Ic Op Amp Cur Sense 2mhz 8msop	U1(15-21), U2(8-14), U4(36-42), U5(29-35), U6(22-28), U7(43-49), U8(50-56), U9(57-63), U10(64-70), U11(71-77), U12(78-84)	*DIP254P762X508-16	SN74LS138N	11
1-7	Ic Op Amp Cur Sense 2m	U3(1-7)	*DIP254P762X508-16	SN74LS138N	1