

Comment <b>Arduino</b>	Description	Designator	Factorist	LibRef	Quantit	Value
	Description	Designator	Footprint	LIDKET	У	Value
Diecimila/Duemilan						
<						
Make a shield with ease, this package						
has all the named						
pins as well as the two mounting drill						
holes and an						
outline of the USB and DC power						
connector. The						
outline is on the DIMENSION layer,						
so if your board						
house uses it they						
will cut the outline to match.						
<						
http://www.ladyada .net/library/pcb/eag		Arduino Uno				
lelibrary.html		Template	ARDUINO	ARDUINOUNO	1	
	Capacitor (Semiconductor SIM	C1, C11, C14, C15,				
2.2uF	Model)	C16, C17	J1-0603	Cap Semi	6	2.2uF
	Capacitor (Semiconductor SIM	C2, C4, C5, C7, C10,				
10uF	Model)	C12, C13, C22	J1-0603	Cap Semi	8	10uF
	Capacitor					
0.1uF	(Semiconductor SIM Model)	C6, C8, C26, C32, C34, C43, C45	J1-0603	Cap Semi	7	0.1uF
-	Capacitor					
0.015	(Semiconductor SIM	C9	J1-0603	Can Somi	١.	0.01E
0.01uF	Model) Capacitor		J1-0005	Cap Semi	<del>- '</del>	0.01uF
	(Semiconductor SIM	l		[ ·		
0.1nF	Model) Capacitor	C18	J1-0603	Cap Semi	1	0.1nF
	(Semiconductor SIM					
1.5nF	Model)	C19	J1-0603	Cap Semi	1	1.5nF
	Capacitor (Semiconductor SIM	1				
10nF	Model)	C20	J1-0603	Cap Semi	1	10nF
	Capacitor (Somiconductor SIM					
10pF	(Semiconductor SIM Model)	C21	J1-0603	Cap Semi	1	10pF
	Capacitor					
1uF	(Semiconductor SIM Model)	C23, C25, C31, C33, C42, C44	J1-0603	Cap Semi	6	1uF
<b>POLARIZED</b>	Wiodel)	C42, C44	31-0003	Cap Sellii		Tui
CAPACITOR ,	]	C24	153CLV-0605	CPOL-US153CLV-	١.	
American symbol	Capacitor	C24 C27, C28, C29, C30,	153CLV-0605	0605	- 1	
	(Semiconductor SIM	C35, C36, C37, C38,				
4.7nF	Model)	C39, C40, C41	J1-0603	Cap Semi	11	4.7nF
		D1, D2, D3, D4, D5,				
		D6, D7, D8, D9, D10,				
		D11, D12, D13, D14, D15, D16, D17, D18,				
Diode	Default Diode	D19, D20, D21, D22	J1-0603	Diode	22	
		ESD_S1, ESD_S2,				
	ESD Suppressors	ESD_S3, ESD_S4, ESD_S5, ESD_S6,				
	0402 90Vdc 0.6pF	ESD_S7, ESD_S8,				
B72590D50H260	CerDiod CDS2C05HDMI2	ESD_S9, ESD_S10, ESD_S11	CD1005-0402	B72590D50H260	11	
<b>Pin header 1x1</b>	CDSECOSTIDIME		CD 1003 0402	57233053011200	- ''	
for 0.1"	]	JP1, JP2, JP3, JP4,				
spacing	]	JP5, JP6, JP7, JP8, JP9, JP11, JP12, JP13,				
Mish was a daine		JP14, JP15, JP17	1X01	PINHD-1X1	15	
	1					
DAISY_BUS		JP10	1X09-BIG	PINHD-1X9	1	
DAISY_BUS		JP10 JP16	1X09-BIG 1X14-CB	PINHD-1X9 PINHD-1X14		
DAISY_BUS	Standard Clock Oscillators				1	
DAISY_BUS ELECTRODES	Oscillators 2.048MHz 5.0Volts	JP16	1X14-CB SOJ508P920X470-	PINHD-1X14	1	
DAISY_BUS ELECTRODES SG-615P 2.0480MC0	Oscillators 2.048MHz 5.0Volts 100ppm-20C +70C	JP16 OSC1	1X14-CB SOJ508P920X470- 4M	PINHD-1X14 SG-615P 2.0480MC0	1 1	
DAISY_BUS ELECTRODES SG-615P 2.0480MC0	Oscillators 2.048MHz 5.0Volts	JP16 OSC1 R1	1X14-CB SOJ508P920X470-	PINHD-1X14	1	17K
DAISY_BUS ELECTRODES SG-615P 2.0480MC0	Oscillators 2.048MHz 5.0Volts 100ppm-20C +70C	JP16 OSC1	1X14-CB SOJ508P920X470- 4M	PINHD-1X14 SG-615P 2.0480MC0	1 1	17K
DAISY_BUS ELECTRODES  SG-615P 2.0480MC0  17K  10K	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor	JP16  OSC1  R1  R2, R3, R5, R6, R7,	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0  Res3	1 1 1	
DAISY_BUS ELECTRODES SG-615P 2.0480MC0	Oscillators 2.048MHz 5.0Volts 100ppm-20C +70C Resistor	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13,	1X14-CB SOJ508P920X470- 4M J1-0603	PINHD-1X14  SG-615P 2.0480MC0  Res3  Res3	1 1 1 1	10K
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor	JP16  OSC1  R1  R2, R3, R5, R6, R7, R8, R9  R4  R10, R11, R12, R13, R14, R15, R16, R17,	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0  Res3  Res3  Res3	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Digital Isolators	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13,	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0  Res3  Res3	1 1 1 1	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg	JP16  OSC1  R1  R2, R3, R5, R6, R7, R8, R9  R4  R10, R11, R12, R13, R14, R15, R16, R17,	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0  Res3  Res3  Res3	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M	Oscillators 2.048MHz 5.0Volts 100ppm-20C +70C Resistor Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M	Oscillators 2.048MHz 5.0Volts 100ppm-20C +70C Resistor Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators Switching Switching	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M	Oscillators 2.048MHz 5.0Volts 100ppm 20C +70C Resistor Resistor Resistor  Resistor Digital isolators 3.75kV RMS Intg DC/DC Converter LW2664MRVoltage Regulators Switching Regulators Switching Regulators	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M 5K ADUM6010ARSZ	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators Switching Regulators SWITCHED CLAPACTIOR VLTG	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 Res3 ADUM6010ARSZ	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M	Oscillators 2.048MHz 5.0Volts 100ppm 20C +70C Resistor Resistor Resistor Digital isolators 3.75EV RMS Intg DC/DC Converter LW266MMSVoltage Regulators Switching Regulators SwiTCHED CAPACITOR VLTG CONVERTER	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	1X14-CB SOJ508P920X470- 4M J1-0603 J1-0603 J1-0603	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M 5K ADUM6010ARSZ	Oscillators 2.048MHz 5.0Volts 100pm-20C+70C Resistor  Resistor  Resistor  Resistor  Digital isolators 3.75kV RMS Intg CVPC Converter LNZ66/M6Voltage Regulators SWITCHED CAPACTOR VILTG LOC Voltage Regulators SWITCHED LOC CAPACTOR VILTG LOC Voltage Regulators SWITCHED LOC VOLTAGE REGULATOR REGU	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 Res3 ADUM6010ARSZ	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES  SG-615P 2.0480MC0 17K  10K  1M  SK  ADUM6010ARSZ	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators SwitChig Regulators COAPACTIOR VLTG CONVERTER LDO Voltage Regulators 200mA	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3  ADUM6010ARSZ  LM2664M6	1 1 1 7 1 1 1 1	10K 1M
DAISY_BUS ELECTRODES SG-615P 2.0480MC0 17K 10K 1M 5K ADUM6010ARSZ	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators Switching Regulators COMVERTER LDD Voltage Regulators COMVERTER LDD Voltage Regulators 200mA Low Noise High-PSRR	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 Res3 ADUM6010ARSZ	1 1 1 1 7	10K 1M
DAISY_BUS ELECTRODES  SG-615P 2_0480MC0 17K  10K  1M  5K  ADUM6010ARSZ	Oscillators 2.048MHz 5.0Volts 100pm-20C+70C Resistor  Resistor  Resistor  Resistor  Resistor  Resistor  Resistor  UNZ66/MEVOLTAGE  Resistor  Resistor  Resistor  Resistor  Resistor  Resistor  Resistor  Resistor  UNZ66/MEVOLTAGE  Regulators  SWITCHED  CAPACTOR VI.TG  CAPACTOR VI.TG  LOD Voltage  Regulators  SWITCHED  CAPACTOR VI.TG  LOD Voltage  Regulators  Digital isolators 6  Digital isolators  Digital isolators  Digital isolators  CA 2.5KV isolator	P16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 ADUM6010ARSZ  LM2664M6  TPS72325DBVT	1 1 1 1 7 1 1 1 1	10K 1M
DAISY_BUS ELECTRODES  SG-615P 2.0480MC0 17K  10K  1M  SK  ADUM6010ARSZ	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators Switching Regulators COAPACTIOR VLTG CONVERTER LIDO Voltage Regulators Digital Isolators 300mA Low Noise High-PSRR Digital Isolators 6 Ch 2.5kV Isolator 150M 6/2	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3  ADUM6010ARSZ  LM2664M6	1 1 1 7 1 1 1 1	10K 1M
DAISY_BUS ELECTRODES  SG-615P 2.0480MC0 17K  10K  1M  SK  ADUM6010ARSZ  LM2664M6  TPS72325DBVT  Si8462BB-B-IS1	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators Switching Regulators COAPACITOR VLTG CONVERTER LDO Voltage Regulators DD Igital Isolators 50ch 2.5kV Isolator 150M 6/2 LDO Voltage Regulators 6 Ch 2.5kV Isolator 150M 6/2 LDO Voltage Regulators 6 Ch 2.5kV Isolator 150M 6/2 LDO Voltage Regulators CMOS	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1  U2  U3  U4	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M  SOT23-5AM  SOIC127P600-16M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 ADUM6010ARSZ  LM2664M6  TPS72325DBVT SI8462BB-B-IS1	1 1 1 1 7 1 1 1 1	10K 1M
DAISY_BUS ELECTRODES  SG-615P 2_0480MC0 17K  10K  1M  5K  ADUM6010ARSZ	Oscillators 2.048MHz 5.0Volts 100pm-20C+70C Resistor  Digital Isolators 3.75kV RMS Intig DC/DC Converter  LNZ66/MKVOItage Regulators SWITCHED  CAPACITOR V.ITG  CAPACITOR V.ITG  CAPACITOR V.ITG  CAPACITOR V.ITG  CAPACITOR V.ITG  LOV Voltage  Regulators  SWITCHED  LOV LOS CAPACITOR V.ITG  RESISTOR V.ITG  LOV LOS CAPACITOR V.ITG  RESISTOR V.ITG	P16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 ADUM6010ARSZ  LM2664M6  TPS72325DBVT	1 1 1 1 7 1 1 1 1	10K 1M
ELECTRODES  SG-615P 2.0480MC0 17K 10K 11M 5K ADUM6010ARSZ LM2664M6  TPS72325DBVT Si84628B-8-IS1	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg DC/DC Converter LMZ664M6Voltage Regulators Switching Regulators Switching Regulators COAPACITOR VLTG CONVERTER LIDO Voltage Regulators Digital Isolators 50ch 2.5kV Isolator 150M 6/2 LIDO Voltage Regulators 6 Ch 2.5kV Isolator 150M 6/2 LIDO Voltage Regulators CMOS LIDO 150M 2.5V LIDO Voltage Regulators CMOS LIDO 150M 2.5V	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1  U2  U3  U4	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M  SOT23-5AM  SOIC127P600-16M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 ADUM6010ARSZ  LM2664M6  TPS72325DBVT SI8462BB-B-IS1	1 1 1 1 1 1 1 1 1 1	10K 1M
DAISY_BUS ELECTRODES  SG-615P 2.0480MC0 17K  10K  1M  SK  ADUM6010ARSZ  LM2664M6  TPS72325DBVT  SiB462BB-B-IS1  NCP6995N25TIG	Oscillators 2.048MHz 5.0Volts 100ppm -20C +70C Resistor Resistor Resistor Resistor Digital Isolators 3.75kV RMS Intg 0.C/DC Converter LM2664M6Voltage Regulators Switching Regulators COMVERTER LDO Voltage Regulators Digital Isolators 300mA Low Noise High-PSRR Digital Isolators 6Ch 2.5kV Isolator 150M 6/2 LDO Voltage Regulators CMOS LDO 150mA 2.5V	JP16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20  U1  U2  U3  U4  U5, U6	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M  SOT23-5AM  SOIC127P600-16M  SOT23-5AM	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3  ADUM6010ARSZ  LM2664M6  TPS72325DBVT  SI84628B-8-IS1 NCP6995N25T1G	1 1 1 1 1 1 1 1 1 1	10K 1M
DAISY_BUS ELECTRODES  SG-615P 2.0480MC0 17K  10K  1M  SK  ADUM6010ARSZ  LM2664M6  TPS72325DBVT  SiB462BB-8-IS1	Oscillators 2.048MHz 5.0Volts 100pm-20C +70C Resistor  Resistor  Resistor  Resistor  Digital isolators 3.75kV RMS Intg 0C/DC Converter LNZ66/MEVOltage Regulators Switching Swit	P16  OSC1 R1 R2, R3, R5, R6, R7, R8, R9 R4 R10, R11, R12, R13, R14, R15, R16, R17, R20  U1  U2  U3  U4  U5, U6	1X14-CB  SOJ508P920X470-4M J1-0603 J1-0603 J1-0603 SOL-20_M  SOT26A-6M  SOT23-5AM  SOIC127P600-16M	PINHD-1X14  SG-615P 2.0480MC0 Res3 Res3 Res3 ADUM6010ARSZ  LM2664M6  TPS72325DBVT SI8462BB-B-IS1	1 1 1 1 1 1 1 1 1 1	10K 1M