
Ref Name	Qty	Component	Value	Package	Description
VCC+	1	4mmPlug banana		DSC	4 way Pin Header
VCC-	1	4mmPlug_banana		DSC	4 way Pin Header
VGND	1	4mmPlug_banana		DSC	4 way Pin Header
5VRef	1	ADR4550BRZ		SM	DAC
C5	1	Сар	0.1uF	603	Capacitor
C1	1	Сар	0.1uF	1210	Capacitor
C2	1	Сар	0.1uF	1210	Capacitor
C7	1	Сар	0.1uF	603	Capacitor
C9	1	Сар	0.1uF	603	Capacitor
C11	1	Сар	0.1uF	603	Capacitor
C12	1	Сар	0.1uF	603	Capacitor
C13	1	Сар	0.1uF	603	Capacitor
C14	1	Сар	0.1uF	603	Capacitor
C15	1	Сар	0.1uF	603	Capacitor
C21	1	Сар	0.1uF	603	Capacitor
C23	1	Сар	0.1uF	603	Capacitor
C25	1	Сар	0.1uF	1210	Capacitor
C26	1	Сар	0.1uF	1210	Capacitor
C3	1	Cap_Polar	10uF	1210_polar	
C4	1	Cap_Polar	10uF	1210_polar	
C6	1	Cap_Polar	10uF	0603_polar	
C8	1	Cap_Polar	10uF	0603_polar	
C10	1	Cap_Polar	10uF	0603_polar	
C16	1	Cap_Polar	10uF	0603_polar	
C17	1	Cap_Polar	10uF	0603_polar	
C18	1	Cap_Polar	10uF	0603_polar	
C19	1	Cap_Polar	10uF	0603_polar	
C20	1	Cap_Polar	10uF	0603_polar	
C22	1	Cap_Polar	10uF	0603_polar	
C24	1	Cap_Polar	10uF	0603_polar	
CONN1	1	GPIO header pins		DSC	Electrode pin connection
IC1	1	DG333A		SOIC	MUX
OpAmp1	1	LF347DT		SOIC	OpAmp
ADC	1	MCP3204		SOIC	ADC
DAC1	1	MCP4822		MSOP	DAC
DAC2	1	MCP4822		MSOP	DAC
DAC3	1	MCP4822		MSOP	DAC
DAC4	1	MCP4822		MSOP	DAC
DAC5	1	MCP4822		MSOP	DAC
DAC6	1	MCP4822		MSOP	DAC
DAC7	1	MCP4822		MSOP	DAC
DAC8	1	MCP4822		MSOP	DAC
OpAmp2	1	OPA4134		SOIC	OpAmp
OpAmp3	1	OPA4134		SOIC	OpAmp
OpAmp4	1	OPA4134		SOIC	OpAmp

OpAmp6 pAmp6 pAmp1 1 OPA4134 orange SOIC opAmp pamp6 OpAmp7 pHeader aspaberryPiHeader 1 1 R-PI CONN orange USER orange 20x2 connector for R-PI ribbon cable Socket 1 1 R-PI CONN orange USER orange 20x2 connector for R-PI ribbon cable Socket 1 1 R-0603 orange 10k orange SM Resistor R4 1 1 R-0603 orange 10k orange SM Resistor R8 1 1 R-0603 orange 10k orange SM Resistor R9 1 1 R-0603 orange 10k orange SM Resistor R13 1 R-0603 orange 10k orange SM Resistor R13 1 R-0603 orange 10k orange SM Resistor R13 1 R-0603 orange 10k orange SM Resistor R14 1 R-0603 orange 10k orange SM Resistor R20 1 1 R-0603 orange 10k orange SM Resistor R21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OpAmp5	1	OPA4134		SOIC	OpAmp	
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R65 1 R_0603 10k SM Resistor R74 1 R_0603 10k SM Resistor R77 1 R_0603 10k SM Resistor R1 1 R_0603 20k SM Resistor R2 1 R_0603 20k SM Resistor R69 1 R_0603 20k SM Resistor R70 1 R_0603 20k SM Resistor R72 1 R_0603 20k SM Resistor R73 1 R_0603 20k SM Resistor R75 1 R_0603 20k SM Resistor			_				
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R77 1 R_0603 10k SM Resistor R1 1 R_0603 20k SM Resistor R2 1 R_0603 20k SM Resistor R69 1 R_0603 20k SM Resistor R70 1 R_0603 20k SM Resistor R72 1 R_0603 20k SM Resistor R73 1 R_0603 20k SM Resistor R75 1 R_0603 20k SM Resistor			_				
R1 1 R_0603 20k SM Resistor R2 1 R_0603 20k SM Resistor R69 1 R_0603 20k SM Resistor R70 1 R_0603 20k SM Resistor R72 1 R_0603 20k SM Resistor R73 1 R_0603 20k SM Resistor R75 1 R_0603 20k SM Resistor			_				
R2 1 R_0603 20k SM Resistor R69 1 R_0603 20k SM Resistor R70 1 R_0603 20k SM Resistor R72 1 R_0603 20k SM Resistor R73 1 R_0603 20k SM Resistor R75 1 R_0603 20k SM Resistor			_				
R69 1 R_0603 20k SM Resistor R70 1 R_0603 20k SM Resistor R72 1 R_0603 20k SM Resistor R73 1 R_0603 20k SM Resistor R75 1 R_0603 20k SM Resistor R75 1 R_0603 20k SM Resistor			_				
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R73			_				
R75 1 R_0603 20k SM Resistor			_				
-			_				
K/D I K_UbU3 ZUK SIVI RESISTOR			_				
	n/0	T	N_U0U3	ZUK	SIVI	vezizini	

R78	1	R_0603	20k	SM	Resistor
R79	1	R_0603	20k	SM	Resistor
R5	1	R_0603	1001	c SM	Resistor
R7	1	R_0603	1001	c SM	Resistor
R10	1	R_0603	1001	c SM	Resistor
R11	1	R_0603	1001	c SM	Resistor
R14	1	R_0603	1001	c SM	Resistor
R15	1	R_0603	1001	c SM	Resistor
R18	1	R_0603	1001	c SM	Resistor
R19	1	R_0603	1001	c SM	Resistor
R21	1	R_0603	1001	c SM	Resistor
R23	1	R_0603	1001	c SM	Resistor
R26	1	R_0603	1001	c SM	Resistor
R27	1	R_0603	1001	c SM	Resistor
R30	1	R_0603	1001	c SM	Resistor
R31	1	R_0603	1001	c SM	Resistor
R34	1	R_0603	1001	c SM	Resistor
R35	1	R_0603	1001	c SM	Resistor
R37	1	R_0603	1001	c SM	Resistor
R39	1	R_0603	1001	c SM	Resistor
R42	1	R_0603	1001	c SM	Resistor
R43	1	R_0603	1001	c SM	Resistor
R46	1	R_0603	1001	c SM	Resistor
R47	1	R_0603	1001	c SM	Resistor
R50	1	R_0603	1001	c SM	Resistor
R51	1	R_0603	1001	c SM	Resistor
R53	1	R_0603	1001	c SM	Resistor
R55	1	R_0603	1001	c SM	Resistor
R58	1	R_0603	1001	c SM	Resistor
R59	1	R_0603	1001	c SM	Resistor
R62	1	R_0603	1001	c SM	Resistor
R63	1	R_0603	100	c SM	Resistor
R66	1	R_0603	1001	c SM	Resistor
R67	1	R_0603	1001	c SM	Resistor