

Designator	Package	Quantity	Designation	Description
U1	JAMMA56	1	Jamma	Jamma edge connector
U7	Teensy41	1	Teensy4.1	Microcontroller
C29,C28,C27,C26,C22,C21,C13,C12,C9,C7,C6,C1	C_1206_HandSoldering	12	0.1uF	capacitors
USB2,USB1	875201010BLF	2	USB_A	usb controller ports
Y1	ECS120184XCKM	1	ECS120	crystal oscillator
LM1881	LM1881	1	LM1881	video sync separator
INA260-2,INA260-1	INA260	2	INA260	power monitors
FE1.1s1	SSOP-28_3.9x9.9mm_Pitch0.635mm	1	FE1.1s	usb hub
MIC2026-2YM1	SOIC127P599X173-8N	1	MIC2026-2YM	usb port power switch
B_POT1,R_POT1,G_POT1	3362P-1-102LF	3	R_POT_TRIM	color adjust potentiometers
R25,R24,R23	R_1206_HandSoldering	3	3.6Mohm	smd resistors
R22	R_1206_HandSoldering	1	75ohm	smd resistors
R21	R_1206_HandSoldering	1	91ohm	smd resistors
R20	R_1206_HandSoldering	1	56ohm	smd resistors
R19	R_1206_HandSoldering	1	82ohm	smd resistors
R18	R_1206_HandSoldering	1	680k	smd resistors
R17	R_1206_HandSoldering	1	91ohm	smd resistors
R16,R15,R12,R11,R1	R_1206_HandSoldering	5	10k	smd resistors
R8,R7,R6,R3	R_1206_HandSoldering	4	390ohm	smd resistors
R5	R_1206_HandSoldering	1	2.7k	smd resistors
R4	R_1206_HandSoldering	1	1Kohm	smd resistors
R26	R_1206_HandSoldering	1	200ohm	smd resistors
POWER1	POWER_SW	1	SW_DPDT_x2	latching power switch
KICK1	JST_XH_S06B-XH-A_06x2.50mm_Angled	1	S6B-XH-A	kick harness connector
J3	Adafruit_SSD1306	1	SSD1306 OLED	oled display
BA7230LS1	szip24	1	BA7230LS	component video encoder
THS7376	TSSOP-14_4.4x5mm_Pitch0.65mm	1	THS7376	video amplifier
D1	LED_D3.0mm	1	LED	power status led
COMPONENT1	PJРАН	1	PJРАН	RGB rca jacks
C32,C31,C30	CP_Tantalum_Case-D_EIA-7343-31_Hand	3	220uF	smd capacitors
C25	C_1206_HandSoldering	1	0.047uF	smd capacitors
C24	EEE-1EA100SR	1	10uF	electrolytic capacitors
C23,C20,C19	EEE1HA010SR	3	1uF	electrolytic capacitor
C14,C11	C_1206_HandSoldering	2	1uF	smd capacitors
C8,C3	EEE-1CA221XP	2	220uF	electrolytic capacitor
C5,C4,C2	C_1206_HandSoldering	3	10uF	smd capacitors
ATX1	Molex_MiniFit-JR-5556-20A_2x10x4.20mm_Straight	1	ATX20	atx power connector
Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12,Q13	SOT-363_SC-70-6_Handsoldering	13	MUN5230DW1T1G	biased NPN BJT transistors