

Part	Value	Device	Package	Farnell	Description
T2	BC857C	BC857C-PNP-SOT23-BEC	SOT23-BEC	8734771	PNP Transistor
Q2	BSH105	BSH105	SOT23	1758066	N-channel enhancement mode MOS transistor
C14	100n	C0805	P0805		Capacitor
C3	100n	C0805	P0805		Capacitor
C7	10n	C0805	P0805		Capacitor
C6	220n	C0805	P0805		Capacitor
C8	220n	C0805	P0805		Capacitor
C9	220n	C0805	P0805		Capacitor
C10	22p	C0805	P0805		Capacitor
C11	22p	C0805	P0805		Capacitor
C4	2u2	C0805	P0805		Capacitor
C5	2u2	C0805	P0805		Capacitor
C1	4u7	C0805	P0805		Capacitor
C2	4u7	C0805	P0805		Capacitor
Q1	12MHz	CRYSTAL4	XTAL4	1640974	Crystal, 2.5mm x 3 mm
SWD	FTSH-105-DV	FTSH-105-DV	127_2R10_SMT	1767036	Samtec connector, 10-way
L1	BLM18AG601S	L0603	P0603		Inductor
L2	BLM18AG601S	L0603	P0603		Inductor
L3	BLM18AG601S	L0603	P0603		Inductor
IC1	LPC11U14-LQFP48	LPC11U14-LQFP48	LQFP48		NXP Cortex-M0 MCU, LPC11U14FBD48/201
ISP	MCDTSA6-2K	MCDTSA6-2K	TACT90	9471839	Tact switch, vertical, through-hole
RESET	MCDTSA6-2K	MCDTSA6-2K	TACT90	9471839	Tact switch, vertical, through-hole
D5	MMBZ9V1AL	MMBZ9V1AL	SOT23	1829223	Double ESD protection diodes
D6	MMBZ9V1AL	MMBZ9V1AL	SOT23	1829223	Double ESD protection diodes
DMX-OUT	NC5FAH	NC5FAH	NC5FAH	8020418	Neutrik Audio Connector XLR SERIES
ON	OVS-0803(B)	OVS-0803(B)	CHIPLED_0805	1716765	Chip LED 0805
LED2	OVS-0804(G)	OVS-0804(G)	CHIPLED_0805	1716766	Chip LED 0805
LED1	OVS-0808(R)	OVS-0808(R)	CHIPLED_0805	1716768	Chip LED 0805
R4	0E	R0805	P0805		Resistor
R6	0E	R0805	P0805		Resistor
R8	150E/100V	R0805	P0805		Resistor
R1	1k	R0805	P0805		Resistor
R12	1k5	R0805	P0805		Resistor
R16	1k5	R0805	P0805		Resistor
R11	24k	R0805	P0805		Resistor
R13	33E	R0805	P0805		Resistor
R14	33E	R0805	P0805		Resistor
R7	390E/100V	R0805	P0805		Resistor
R9	390E/100V	R0805	P0805		Resistor
R10	3k	R0805	P0805		Resistor
R15	3k	R0805	P0805		Resistor
R17	3k3	R0805	P0805		Resistor
R3	47k	R0805	P0805		Resistor
R2	560E	R0805	P0805		Resistor
R5	nc	R0805	P0805		Resistor
IC2	LP2985AIM5-3.3	LP2985AIM5-3.3	SOT23-5	9778276	Low-noise, low-drop regulator
IC3	SP3075EEN-L	SP3075EEN-L	SO08	9386688	RS-485/RS422 Transceivers
TP1	TPSPAD1-13	TPSPAD1-13	P1-13		TEST PIN
X2	USBPTH	USBPTH	USB-B-PTH	1308876	USB Connectors
DMX	DMX	W237-103	W237-103		WAGO SCREW CLAMP