

Part	Value	Device	Package	Farnell	Description
RESET	B3S1000	B3S1000	B3XS	177807	6.2 X 6.5mm TACT Switch (SMD)
Q2	BSH105	BSH105	SOT23	1758066	N-channel enhancement mode MOS transistor
D11	BTHQ21605V-COG-FSRE-I2C	BTHQ21605V-COG-FSRE-I2C	LCD_I2C	1220409	Batron I2C Lcd Module, alphanumeric, 2X16
C10	100n	C0805	P0805		Capacitor
C13	100n	C0805	P0805		Capacitor
C14	100n	C0805	P0805		Capacitor
C15	100n	C0805	P0805		Capacitor
C19	100n	C0805	P0805		Capacitor
C20	100n	C0805	P0805		Capacitor
C21	100n	C0805	P0805		Capacitor
C24	100n	C0805	P0805		Capacitor
C25	100n	C0805	P0805		Capacitor
C5	100n	C0805	P0805		Capacitor
C9	100n	C0805	P0805		Capacitor
C17	180n	C0805	P0805		Capacitor
C16	1u	C0805	P0805		Capacitor
C18	1u	C0805	P0805		Capacitor
C22	220n	C0805	P0805		Capacitor
C23	220n	C0805	P0805		Capacitor
C7	220n	C0805	P0805		Capacitor
C3	22p	C0805	P0805		Capacitor
C4	22p	C0805	P0805		Capacitor
C6	2u2	C0805	P0805		Capacitor
C8	2u2	C0805	P0805		Capacitor
C1	4u7	C0805	P0805		Capacitor
C11	4u7	C0805	P0805		Capacitor
C12	4u7	C0805	P0805		Capacitor
C2	4u7	C0805	P0805		Capacitor
Q1	AKER-C3E-12MHz	CRYSTAL4	XTAL4	1640974	Crystal, 2.5mm x 3 mm
DIR	FOD060L	FOD060L	SOIC08	1228309	Fairchild Opto Coupler, 3V3, high-speed, 10Mbit/sec
RX	FOD060L	FOD060L	SOIC08	1228309	Fairchild Opto Coupler, 3V3, high-speed, 10Mbit/sec
TX	FOD060L	FOD060L	SOIC08	1228309	Fairchild Opto Coupler, 3V3, high-speed, 10Mbit/sec
SWD	FTSH-105-DV	FTSH-105-DV	127_2R10_SMT	1767036	Samtec connector, 10-way
LEDS_ENABLE	JP1E	JP1E	JP1		JUMPER
L1	BLM18AG601S	L0603	P0603		Inductor
L2	BLM18AG601S	L0603	P0603		Inductor

L3	BLM18AG601S	L0603	P0603	Inductor
IC1	LPC1114FBD48/301	LPC1113/14-LQFP48	LQFP48	1786289 NXP Semiconductors, Cortex-M0 MCU, 32 bit
L4	10uH	L-USL1812	L1812	1174073 INDUCTOR, American symbol
S1	MCDHN-4F-T-V	MCDHN-4F-T-V	DIP4	1605479 DIP Switch SMD, 4-way
DMX-OUT	NC5FAH	NC5FAH	NC5FAH	8020418 Neutrik Audio Connector XLR SERIES
DMX-IN	NC5MAH	NC5MAH	NC5MAH	8020396 Neutrik Audio Connector XLR SERIES
DC1	NKE0303SC	NME	NME	1175765 DC-DC CONVERTER
W	OVS-0801 (W)	OVS-0801(W)	CHIPLED_0805	1716764 Chip LED 0805
B	OVS-0803 (B)	OVS-0803(B)	CHIPLED_0805	1716765 Chip LED 0805
ON	OVS-0803 (B)	OVS-0803(B)	CHIPLED_0805	1716765 Chip LED 0805
G	OVS-0804 (G)	OVS-0804(G)	CHIPLED_0805	1716766 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
R	OVS-0808 (R)	OVS-0808(R)	CHIPLED_0805	1716768 Chip LED 0805
EXT	nc	PINHD-1X5	1X05	PIN HEADER
LEDS_OUT	nc	PINHD-1X6	1X06	PIN HEADER
R22	100E	R0805	P0805	Resistor
R15	10k	R0805	P0805	Resistor
R16	10k	R0805	P0805	Resistor
R17	10k	R0805	P0805	Resistor
R18	10k	R0805	P0805	Resistor
R20	10k	R0805	P0805	Resistor
R21	10k	R0805	P0805	Resistor
R5	10k	R0805	P0805	Resistor
R6	10k	R0805	P0805	Resistor
R8	150E	R0805	P0805	Resistor
R1	1k	R0805	P0805	Resistor
R2	1k	R0805	P0805	Resistor
R35	1k5	R0805	P0805	Resistor
R10	390E	R0805	P0805	Resistor
R14	390E	R0805	P0805	Resistor
R7	390E	R0805	P0805	Resistor
R9	390E	R0805	P0805	Resistor
R11	3k3	R0805	P0805	Resistor
R12	3k3	R0805	P0805	Resistor
R13	3k3	R0805	P0805	Resistor
R23	3k3	R0805	P0805	Resistor

R19	47k	R0805	P0805		Resistor
R3	560E	R0805	P0805		Resistor
R4	560E	R0805	P0805		Resistor
IC2	LP2985AIM5-3.3	LP2985AIM5-3.3	SOT23-5		9778276 Low-noise, low-drop regulator
S2	SKQUDBE010	SKQUDBE010	JOYSTICK		1435776 Joystick, 4-directional with Center Push, SKQU
IC3	SP3075EEN-L	SP3075EEN-L	SO08		9386688 RS-485/RS422 Transceivers
TP1	TPSPAD1-13	TPSPAD1-13	P1-13		TEST PIN
TP2	TPSPAD1-13	TPSPAD1-13	P1-13		TEST PIN
X5	USB-MB-SMD	USB-MB-SMD	USB-MB-SMD	1654060	MINI USB-B Connector
DMX	nc	W237-103	W237-103		WAGO SCREW CLAMP