

Part	Value	Device	Package	Description	MF	MPN	REM
0	WIREPAD1,6/0,9	WIREPAD1,6/0,9	1,6/0,9	Wire PAD connect wire on PCB			
1	WIREPAD1,6/0,9	WIREPAD1,6/0,9	1,6/0,9	Wire PAD connect wire on PCB			
C1	560pF	C-EUC0805	C0805	CAPACITOR, European symbol	MULTICOMP	MC0805B561K500CT	
C2	560pF	C-EUC0805	C0805	CAPACITOR, European symbol	MULTICOMP	MC0805B561K500CT	
C3	1uF	C-EUC0805	C0805	CAPACITOR, European symbol	MULTICOMP	MC0805F105Z250CT	
C4	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C5	0.1uF, 16V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C6	0.1uF, 16V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C7	0.1uF	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C8	0.1uF, 16V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C9	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C10	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C11	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C12	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C13	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C14	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C15	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C16	0.1uF, 16V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C17	0.1uF, 16V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C18	4.7uF, 6.3V, 20%	C-EUC0603	C0603	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C19	0.1uF, 16V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C20	0.1uF, 16V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C21	0.01uF, 6V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B103K160CT	
C23	1uF, 16V	C-EUC0402	C0402	CAPACITOR, European symbol	MULTICOMP	MC0603X105K160CT	
C24	10nF, 50V	C-EUC0402	C0402	CAPACITOR, European symbol	MULTICOMP	MC0402F103Z500CT	
C25	4.7uF, 6.3V	C-EUC0402	C0402	CAPACITOR, European symbol	MURATA	GRM155R60J475ME47D	
C26	0.1uF, 16V	C-EUC0402	C0402	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C27	4.7uF, 6.3V	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603X475K6R3CT	
C28	0.1uF, 16V	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C29	0.1uF, 16V	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C30	0.1uF, 16V	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B104K160CT	
C31	0.01uF, 6V, 10%	C-EUC0603	C0603	CAPACITOR, European symbol	MULTICOMP	MC0603B103K160CT	
E0:M:C1	1000pF, 2kV	C-EUC1206	C1206	CAPACITOR, European symbol	MULTICOMP	MC1206B102K202CT	
E0:M:C2	.022uF	CPOL-EUSMCB	SMC_B	POLARIZED CAPACITOR, European symbol	MULTICOMP	MC0805B223K500CT	
E0:M:C3	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
E0:M:C4	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
E0:M:C5	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
E0:M:C6	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
E0:M:R1	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E0:M:R2	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E0:M:R3	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E0:M:R4	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E0:M:R5	10, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCHP03W8F100JT5E	
E0:M:T1		WE-LAN-10/100-BASE-T,749010012	749010012	LAN-Transformer WE-LAN 10/100 Base T	WURTH ELEKTRONIK	749010012	
E0:X0	NE8FAV	NE8FAV	NE8FAV		NEUTRIK	NE8FAV	
E1:M:C1	1000pF, 2kV	C-EUC1206	C1206	CAPACITOR, European symbol	MULTICOMP	MC1206B102K202CT	
E1:M:C2	.022uF	CPOL-EUSMCB	SMC_B	POLARIZED CAPACITOR, European symbol	MULTICOMP	MC0805B223K500CT	
E1:M:C3	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	DNI
E1:M:C4	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	DNI
E1:M:C5	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	DNI

Part	Value	Device	Package	Description	MF	MPN	REM
E1:M:C6	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	DNI
E1:M:R1	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E1:M:R2	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E1:M:R3	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E1:M:R4	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
E1:M:R5	10, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCHP03W8F100JT5E	
E1:M:T1		WE-LAN-10/100-BASE-T,749010012	749010012	LAN-Transformer WE-LAN 10/100 Base T	WURTH ELEKTRONIK	749010012	
E1:X0	NE8FAV	NE8FAV	NE8FAV		NEUTRIK	NE8FAV	
F0:R6	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F0:R7	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F0:R8	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F0:R9	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F1:R6	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F1:R7	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F1:R8	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F1:R9	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F2:R6	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F2:R7	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F2:R8	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
F2:R9	49.9, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X49R9FTL	
FAN0	22-05-7038-03	22-05-7038-03	7395-03	CONNECTOR	MOLEX	22-05-7038	
FAN1	22-05-7038-03	22-05-7038-03	7395-03	CONNECTOR	MOLEX	22-05-7038	
GND-0	WIREPAD1,6/0,9	WIREPAD1,6/0,9	1,6/0,9	Wire PAD connect wire on PCB			
GND-1	WIREPAD1,6/0,9	WIREPAD1,6/0,9	1,6/0,9	Wire PAD connect wire on PCB			
JC0		PINHD-1X6	1X06	PIN HEADER	MULTICOMP	MC34751	DNI
JC1		PINHD-1X6	1X06	PIN HEADER	MULTICOMP	MC34751	DNI
JC2		PINHD-1X6	1X06	PIN HEADER	MULTICOMP	MC34751	DNI
JP0		PINHD-1X6	1X06	PIN HEADER	MULTICOMP	MC34751	DNI
JP1		PINHD-1X6	1X06	PIN HEADER	MULTICOMP	MC34751	DNI
JP2		PINHD-1X6	1X06	PIN HEADER	MULTICOMP	MC34751	DNI
L1	2.0A/0.05 DCR	L-EUL4532C	L4532M	INDUCTOR, European symbol	MURATA	LQH43PN2R2M26L	
L2	2.0A/0.05 DCR	L-EUL4532C	L4532M	INDUCTOR, European symbol	MURATA	LQH43PN2R2M26L	
L3	2.0A/0.05 DCR	L-EUL4532C	L4532M	INDUCTOR, European symbol	MURATA	LQH43PN2R2M26L	
L4	2.0A/0.05 DCR	L-EUL4532C	L4532M	INDUCTOR, European symbol	MURATA	LQH43PN2R2M26L	
L5	2.0A/0.05 DCR	L-EUL4532C	L4532M	INDUCTOR, European symbol	MURATA	LQH43PN2R2M26L	
LED0	blue	LEDCHIP-LED0603	CHIP-LED0603	LED	MULTICOMP	OVS-0603	
LED1	blue	LEDCHIP-LED0603	CHIP-LED0603	LED	MULTICOMP	OVS-0603	
LED2	blue	LEDCHIP-LED0603	CHIP-LED0603	LED	MULTICOMP	OVS-0603	
LED3	blue	LEDCHIP-LED0603	CHIP-LED0603	LED	MULTICOMP	OVS-0603	
LED4	blue	LEDCHIP-LED0603	CHIP-LED0603	LED	MULTICOMP	OVS-0603	
M1:C1	1000pF, 2kV	C-EUC1206	C1206	CAPACITOR, European symbol	MULTICOMP	MC1206B102K202CT	
M1:C2	.022uF	CPOL-EUSMCB	SMC_B	POLARIZED CAPACITOR, European symbol	MULTICOMP	MC0805B223K500CT	
M1:C3	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
M1:C4	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
M1:C5	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
M1:C6	15pF, 50V	C-EUC0504	C0504	CAPACITOR, European symbol	MULTICOMP	MC0402N150J500CT	
M1:R1	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
M1:R2	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
M1:R3	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	
M1:R4	75	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402175R	

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M1:R5	10, 1/8W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCHP03W8F100JT5E	
M1:T1		WE-LAN-10/100-BASE-T,749010012	749010012	LAN-Transformer WE-LAN 10/100 Base T	WURTH ELEKTRONIK	749010012	
O1	25MHz	ADSM1-25.0000MHZ-LC-T	ADSM		ABRACON	ASDM1-25.000MHZ-LC-T	
O2	25MHz	ADSM1-25.0000MHZ-LC-T	ADSM		ABRACON	ASDM1-25.000MHZ-LC-T	
OK1	HCPL0601	HCPL0601	SOIC08	HEWLETT PACKARD OPTO COUPLER	AVAGO TECHNOLOGIES	HCPL-0601-000E	
OK2	HCPL0601	HCPL0601	SOIC08	HEWLETT PACKARD OPTO COUPLER	AVAGO TECHNOLOGIES	HCPL-0601-000E	
R0	1.5K	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1501FTL	
R1	1.5K	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1501FTL	
R2	1.5K	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1501FTL	
R3	1.5K	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1501FTL	
R4	1.5K	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1501FTL	
R5	100	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W04021100R	
R6	100	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W04021100R	
R7	120	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W04021120R	
R8	120, 1/4W	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCHP05W4F1200T5E	
R9	120, 1/4W	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCHP05W4F1200T5E	
R10	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R11	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R12	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R13	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R14	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R15	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R16	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R17	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R18	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R19	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R20	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R21	10K, 1/10W, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MCMR04X1002FTL	
R22	12K4, 1%	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W0402112K4	
R24	3K3	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W040213K3	
R25	330	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W04021330R	
R26	4K7	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W040214K7	
R27	4K7	R-EU_R0402	R0402	RESISTOR, European symbol	MULTICOMP	MC00625W040214K7	
SJ1		SJ	SJ	SMD solder JUMPER			
SJ2	O, DNI	R-EU_R0402	R0402	RESISTOR, European symbol			DNI
SJ3	O, DNI	R-EU_R0402	R0402	RESISTOR, European symbol			DNI
SJ4	O, DNI	R-EU_R0402	R0402	RESISTOR, European symbol			DNI
SJ5	O, DNI	R-EU_R0402	R0402	RESISTOR, European symbol			DNI
U1	LAN9303-ABZJ	LAN9303-ABZJ	QFN50P800X800X100-57N	Ethernet Switch,56VQFN	MICROCHIP	LAN9303-ABZJ	
U2	LAN8710AI-EZK	LAN8710AI-EZK	QFN50P500X500X100-33N	IC, MII/RMII 10/100 ENET TRX, 32VQFN	MICROCHIP	LAN8710AI-EZK	
U3	LP2992IM5-3.3	LP2992IM5-3.3	SOT95P284X122-5N	Low-Dropout Regulator	TEXAS INSTRUMENTS	LP2992IM5-3.3/NOPB	
X0	NC3FAAV2	NC3FAAV2	NC3FAV2	Neutrik Audio Connector XLR SERIES	NEUTRIK	NC3FAAV2	
X1	NC3FAAV2	NC3FAAV2	NC3FAV2	Neutrik Audio Connector XLR SERIES	NEUTRIK	NC3FAAV2	
X2	NC3FAAV2	NC3FAAV2	NC3FAV2	Neutrik Audio Connector XLR SERIES	NEUTRIK	NC3FAAV2	
X3	NC3FAAV2	NC3FAAV2	NC3FAV2	Neutrik Audio Connector XLR SERIES	NEUTRIK	NC3FAAV2	
X4	NC5FAV-SW	NC5FAV-SW	NC5FAV-SW	Neutrik Audio Connector XLR SERIES	NEUTRIK	NC5FAV-SW	
X5	NC5FAV-SW	NC5FAV-SW	NC5FAV-SW	Neutrik Audio Connector XLR SERIES	NEUTRIK	NC5FAV-SW	
X6	NC5MAV-SW	NC5MAV-SW	NC5MAV-SW	Neutrik Audio Connector XLR SERIES	NEUTRIK	NC5MAV-SW	
X7	5504F1-09S-02A-03	5504F1-09S-02A-03	5504F1-09S-02A		MULTICOMP	5504F1-09S-02A-03	
X8	87832-26	87832-26	87832-26	Milli-Grid Header	MOLEX	87832-2620	

Part	Value	Device	Package	Description	MF	MPN	REM
X10	85505-5113	85505-5113	MOLEX_85505-5113	CONNECTOR, RJ45, JACK, 8P8C, 1PORT, CAT5E	MOLEX	85505-5113	