



Bill of Materials for the ADT7476EBZEV Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	10V TAJ-A Tantalum Capacitor	10uF	10%	1206	AVX	TAJA106K010RNJ	Yes	Yes
C2	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C3	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C4	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C5	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C6	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C7	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C8	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C9	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C10	1	10V TAJ-A Tantalum Capacitor	10uF	10%	1206	AVX	TAJA106K010RNJ	Yes	Yes
C11	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C12	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C13	1	10V TAJ-A Tantalum Capacitor	2.2uF	10%	1206	AVX	TAJA225K010RNJ	Yes	Yes
C14	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C15	1	50V DC NPO Ceramic Capacitor	22pF	5%	0603	YAGEO	CC0603JRNPO9BN220	Yes	Yes
C16	1	50V DC NPO Ceramic Capacitor	22pF	5%	0603	YAGEO	CC0603JRNPO9BN220	Yes	Yes
C17	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C18	1	10V TAJ-A Tantalum Capacitor	10uF	10%	1206	AVX	TAJA106K010RNJ	Yes	Yes
C19	1	16V DC X7R Ceramic Capacitor	0.1uF	10%	0805	AVX	W2L1YC104KAT1A	Yes	Yes
C20	1	10V DC Y5V Ceramic Capacitor	1uF	20%	0603	YAGEO	CC0603ZRY5V6BB105	Yes	Yes
D1	1	Red LED	-	-	0805	Various	Various	Yes	Yes
D2	1	Red LED	-	-	0805	Various	Various	Yes	Yes
D3	1	Green LED	-	-	0805	Various	Various	Yes	Yes
J1	1	10 Pin Side Entry SIL Socket	-	-	2.54mm Pitch	HARWIN	M20-7891046	Yes	Yes
J2	1	USB Connector -(61729-0010B)	-	-	-	FCI	61729-0010BLF	Yes	Yes
J3	1	5 Pin Termical Block	-	-	5mm x 10mm	CAMDEN	CTB5000/2	Yes	Yes
LK1	1	2 Pin (0.1" Pitch) Header & Shorting Shunt	-	-	2.54mm Pitch	HARWIN	M20-9990246	Yes	Yes
LK2	1	2 Pin (0.1" Pitch) Header & Shorting Shunt	-	-	2.54mm Pitch	HARWIN	M20-9990247	Yes	Yes
Q1	1	NPN Transistor	-	-	Through Hole	ON Semiconductor	2N3904ZL1G	No	Yes
Q2	1	NPN Transistor	-	-	Through Hole	ON Semiconductor	2N3904ZL1G	No	Yes
R1	1	SMD Resistor	10k	1%	0603	MULTICOMP	MC 0.063W 0603 1% 10K	Yes	Yes
R2	1	SMD Resistor	10k	1%	0603	MULTICOMP	MC 0.063W 0603 1% 10K	Yes	Yes
R3	1	SMD Resistor	100k	1%	0603	MULTICOMP	MC 0.063W 0603 1% 100K	Yes	Yes
R4	1	SMD Resistor	100k	1%	0603	MULTICOMP	MC 0.063W 0603 1% 100K	Yes	Yes
R5	1	SMD Resistor	0R	1%	0603	MULTICOMP	MC 0.063W 0603 0R	Yes	Yes
R6	1	SMD Resistor	10k	1%	0603	MULTICOMP	MC 0.063W 0603 1% 10K	Yes	Yes
R7	1	SMD Resistor	2k2	1%	0603	MULTICOMP	MC 0.063W 0603 1% 2K2	Yes	Yes
R8	1	SMD Resistor	2k2	1%	0603	MULTICOMP	MC 0.063W 0603 1% 2K3	Yes	Yes
R9	1	SMD Resistor	1K	1%	0603	MULTICOMP	MC 0.063W 0603 1% 1K	Yes	Yes
SK1	0	10 Pin Micro-SOIC (Wells 656-xxxxx) Socket	-	-	-	-	Not normally inserted	Yes	Yes
T1	1	Testpoint			1.02mm	VERO	20-2137	Yes	Yes
T2	1	Testpoint			1.02mm	VERO	20-2137	Yes	Yes
U1	1	Temperature Monitor IC			Micro10	ON Semiconductor	ADT7481ARMZ	No	Yes
U2	1	USB Microcontroller - CY7C68013A-56LFXC			56-VFQFN Exposed Pad	Cypress Semiconductor Corp	CY7C68013A-56LFXC	No	Yes
U3	1	64K I2C Serial EEPROM			SOIC-8	MICROCHIP	24LC64-I/SN	Yes	Yes
U4	1	3.3V Regulator			SOIC-8	Analog Devices Inc	ADP3303ARZ-3.3	Yes	Yes
Y2	1	CM309S SMD Crystal	24MHz		13mm x 5mm	AEL CRYSTALS	X24M000000S244	Yes	Yes