



Bill of Materials for the ADT7484/85EBZEV Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C2	1	CAP+	10uF	± 10%	CAP\TAJ_A	AVX	TAJA106K010RNJ	Yes	Yes
C4	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C5	1	CAP+	10uF	± 10%	CAP\TAJ_A	AVX	TAJA106K010RNJ	Yes	Yes
C6	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C7	1	CAP	22pF	± 5%	0603	YAGEO (PHYCOMP)	CC0603JRNPO9BN220	Yes	Yes
C8	1	CAP	22pF	± 5%	0603	YAGEO (PHYCOMP)	CC0603JRNPO9BN220	Yes	Yes
C9	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C10	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C11	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C12	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C17	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C18	1	CAP+	2.2uF	± 10%	CAP\TAJ_A	AVX	TAJA225K010RNJ	Yes	Yes
C19	1	CAP+	10uF	± 10%	CAP\TAJ_A	AVX	TAJA106K010RNJ	Yes	Yes
C20	1	CAP	1uF	-20%, +80%	0603	YAGEO (PHYCOMP)	CC0603ZRY5V6BB105	Yes	Yes
C21	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C22	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C23	1	CAP+	47uF	± 10%	CAP\TAJ_D	KEMET	B45196E2476K409	Yes	Yes
C24	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C25	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C26	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
C27	1	CAP	0.1uF	-20%, +80%	0603	AVX	06033G104ZAT2A	Yes	Yes
D1	1	LED	-	-	Green LED_SMT	Farnell	FEC 515-620	Yes	Yes
J1	1	JUMPER	-	-	SIP-2P	HARWIN	M20-9990246 and M7566-05	Yes	Yes
J2	1	CONPOWER9	-	-	CONPOWER9	CAMDEN	CTB5000/3 (x3)	Yes	Yes
J4	1	JUMPER	-	-	SIP-2P	HARWIN	M20-9990246 and M7566-05	Yes	Yes
J5	1	CONPOWER3	-	-	CONPOWER3	CAMDEN	CTB5000/3	Yes	Yes
J6	1	JUMPER2\SIP3	-	-	LINK-3P	TE CONNECTIVITY /	826629-3	Yes	Yes
J9	1	JUMPER	-	-	SIP-2P	HARWIN	M20-9990246 and M7566-05	Yes	Yes
J10	1	JUMPER	-	-	SIP-2P	HARWIN	M20-9990246 and M7566-05	Yes	Yes
J13	1	USB-MINI-B	-	-	USB-MINI-B	MOLEX	56579-0576	Yes	Yes
Q1	1	2N3906	-	-	TO-92	ON Semiconductor	2N3906RLRPG	No	Yes
Q2	1	2N3906	-	-	TO-92	ON Semiconductor	2N3906RLRPG	No	Yes
Q3	1	2SA1611	-	-	SOT23M4	ON Semiconductor	MMUN2215LT1G	No	Yes
Q4	1	2SA1611	-	-	SOT23M4	ON Semiconductor	MMUN2115LT1G	No	Yes
R1*	1	VRES	10k	± 10%	VRES_SMD	BOURNS	3214W-1-103E	Yes	Yes
R2*	1	VRES	10k	± 10%	VRES_SMD	BOURNS	3214W-1-103E	Yes	Yes
R3*	1	VRES	10k	± 10%	VRES_SMD	BOURNS	3214W-1-103E	Yes	Yes
R4	1	RES	1k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R5	1	RES	1k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R6	1	RES	1k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R7*	1	VRES	10k	± 10%	VRES_SMD	BOURNS	3214W-1-103E	Yes	Yes
R8	1	RES	3k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 3K	Yes	Yes

R9	1	RES	100k	± 1%	0603	MULTICOMP	MC 0.063W 0603 1% 100K	Yes	Yes
R10	1	RES	10k	± 1%	0603	MULTICOMP	MC 0.063W 0603 1% 10K	Yes	Yes
R11	1	RES	100k	± 1%	0603	MULTICOMP	MC 0.063W 0603 1% 100K	Yes	Yes
R12	1	RES	0R	± 1%	0603	MULTICOMP	MC 0.063W 0603 0R	Yes	Yes
R13	1	RES	1k, 0.063W	± 1%	0603	MULTICOMP	MC 0.063W 0603 1% 1K	Yes	Yes
R14	1	RES	10k	± 1%	0603	MULTICOMP	MC 0.063W 0603 1% 10K	Yes	Yes
R15	1	RES	10k	± 1%	0603	MULTICOMP	MC 0.063W 0603 1% 10K	Yes	Yes
R16	1	RES	1.2k	± 1%	0805	WELWYN	WCR0805-1K2FI	Yes	Yes
R17	1	RES	1k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R18	1	RES	1k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R19	1	RES	1k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R20	1	RES	1k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R21	1	RES	10k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 10K	Yes	Yes
R22	1	RES	10k	± 1%	0805	MULTICOMP	MC 0.1W 0805 1% 10K	Yes	Yes
SCL	1	TESTPOINT	-	-	TESTPOINT	VERO	20-2137	Yes	Yes
SDA	1	TESTPOINT	-	-	TESTPOINT	VERO	20-2137	Yes	Yes
T4	1	TESTPOINT	-	-	TESTPOINT	VERO	20-2137	Yes	Yes
T7	1	TESTPOINT	-	-	TESTPOINT	VERO	20-2137	Yes	Yes
T8	1	TESTPOINT	-	-	TESTPOINT	VERO	20-313137	Yes	Yes
T9	1	TESTPOINT	-	-	TESTPOINT	VERO	20-313137	Yes	Yes
SST_IN	1	TESTPOINT	-	-	TESTPOINT	VERO	20-313137	Yes	Yes
SST_OUT	1	TESTPOINT	-	-	TESTPOINT	VERO	20-313137	Yes	Yes
U1	1	ADT7484	-	-	USOIC-SKT	ON Semiconductor	8 pin uSOIC Socket	No	Yes
U2	1	ADT7485	-	-	MSO10-SKT	ON Semiconductor	10 pin mSOIC Socket	No	Yes
U4	1	24LC64	-	-	SO8NB	Microchip	24LC64-I/SN	Yes	Yes
U5	1	ADP3303-3.3	-	-	SO8NB	Analog Devices	ADP3303ARZ-3.3	No	Yes
U6	1	CY7C68013-CSP	-	-	LFCSP-56	Cypress Semiconductor	CY7C68013A-56LFXC	No	Yes
X1	1	ADT7484_CHIP	-	-	MSO8	ON Semiconductor	ADT7484AARMZ-REEL7	No	Yes
X2	1	ADT7485_CHIP	-	-	MSO10	ON Semiconductor	ADT7485AARMZ-REEL7	No	Yes
Y1	1	XTAL-CM309S	24 MHz	-	XTAL_CM309S	AEL CRYSTALS	X24M000000S244	No	Yes

*Note: Must be an upright Pot. Screw adjuster facing up