



EVALST-PLCMB1 - CJ - Rev 211

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	2	C101,C217	2.2UF	25V	CER	20%	0603	N.A.	2.2UF_25V_X7R_0603
2	1	C102	220NF	35V	CER	15%	0603	N.A.	220NF_35V_X7R_0603
3	1	C104	10UF	50V	CER	15%	0603	N.A.	10UF_50V_X5R_0603
4	9	C200,C205,C206,C210,C211,C212,C213,C214,C220	100NF	50V	CER	15%	603	N.A.	100NF_50V_X7R_0603
5	2	C201,C202	18PF	50V	CER	5%	603	N.A.	18PF_50V_COG_0603
6	2	C203,C204	6PF	50V	CER	5%	603	N.A.	6PF_50V_COG_0603
7	5	C208,C218,C219,C221,C222	1UF	25V	CER	15%	0603	N.A.	1UF_25V_X7R_0603
8	2	C209,C223	10NF	50V	CER	15%	0603	N.A.	10NF_50V_X7R_0603
9	3	C215,C216,C224	4.7UF	25V	CER	15%	0603	N.A.	4.7UF_25V_X7R_0603
10	1	D100	SM6T18A		TVS		SMB	STMICROELECTRONICS	SM6T18A
11	1	D102	ESDALC5-1BM2		TVS/ESD/EMI		SOD882	STMICROELECTRONICS	ESDALC5-1BM2
12	7	D103,D104,D105,D106,D107,D200,D203	GREEN		LED		805	WURTH ELEKTRONIK	150080VS75000
13	2	D201,D204	RED		LED		805	WURTH ELEKTRONIK	150080RS75000
14	1	D202	USBLC6-2P6		TVS/ESD/EMI		SOT666	STMICROELECTRONICS	USBLC6-2P6
15	1	F100	4A		FUSE		D8.35_H7.7_P5.08	MULTICOMP	MCMET 4A 250hV
16	1	J100	61300821821		HEADER			WURTH ELECTRONIK	61300821821
17	1	J101	694106301002		JACK			WURTH	694106301002
18	1	J102	61302821821		HEADER			WURTH ELECTRONIK	61302821821
19	2	J104,J119	61300311121		HEADER			WURTH ELECTRONIK	61300311121
20	1	J105	22152046		HEADER			MOLEX	22152046
21	1	J106	56000001009		FUSE HOLDER			LITTELFUSE	56000001009
22	1	J107	691216510002S		SCREW			WURTH ELECTRONIK	691216510002S
23	1	J108	22162030		HEADER			MOLEX	22162030
24	2	J109,J120	NP		HEADER			WURTH ELECTRONIK	61202021721
25	4	J115,J116,J117,J118	Hole-2mm		METAL HOLE			N.A.	Hole-2mm
26	1	J200	61300211121		HEADER			WURTH ELECTRONIK	61300211121
27	2	J201,J204	UX60SC-MB-5S8		USB			HIROSE	UX60SC-MB-5S8
28	1	J202	20021311-00010T4LF		HEADER			AMPHENOL	20021311-00010T4LF
29	1	J203	613012243121		HEADER			WURTH ELECTRONIK	613012243121
30	3	L200,L202,L203	330R	0.4A	FERRITE	25%	603	WURTH ELEKTRONIK	782631331
31	1	L201	120R	0.5A	FERRITE	25%	603	WURTH ELEKTRONIK	74279262
32	1	M102	J104 CLOSE 2-3		JUMPER			WURTH ELEKTRONIK	60900213621
33	1	M108	655-9407		INDICATOR			RS	655-9407
34	1	M109	J111 CLOSE 2-3		JUMPER			WURTH ELEKTRONIK	60900213621
35	4	M110,M111,M112,M113	ENISO-A3050-E1-12		SPACER			ACCEL ENISO	ENISO-A3050-E1-12
36	4	M114,M115,M116,M117	BN1061.1401165		SCREW			BOSSARD	BN1061.1401165

37	5	Q100,Q101,Q102,Q103,Q104	N-MOS		CMS		SOT23	STMICROELECTRONICS	2N7002
38	1	R101	0R	1/4W	RES	5%	1206	N.A.	0R_5%_1206
39	1	R102	750V	3/5W	VARISTOR	4.5KA	D15.5_W6.4_H19_P7.5	EPCOS	B72214S0461K101
40	9	R103,R105,R106,R110,R125,R141,R200,R201,R204	10K	1/10W	RES	5%	0603	N.A.	10K_5%_0603
41	2	R104,R107	220K	2/3W	RES	5%	1206	PANASONIC CORP	ERJ-P08J224V
42	14	R108,R126,R127,R128,R129,R130,R131,R136,R137,R138,R139,R140,R142,R203	0R	1/10W	RES	5%	0603	N.A.	0R_5%_0603
43	1	R109	470R	1/10W	RES	5%	0603	N.A.	470R_5%_0603
44	2	R122,R124	1K	1/10W	RES	5%	0603	N.A.	1K_5%_0603
45	9	R132,R133,R134,R135,R143,R206,R207,R208,R209	2.7K	1/10W	RES	5%	0603	N.A.	2.7K_5%_0603
46	1	R202	1M	1/10W	RES	5%	603	N.A.	1M_5%_0603
47	1	R205	4.7K	1/10W	RES	5%	603	N.A.	4.7K_5%_0603
48	1	R210	100K	1/10W	RES	5%	603	N.A.	100K_5%_0603
49	1	S100	430182043816		BUTTON		L6_W6.6_H4.3	WURTH ELEKTRONIK	430182043816
50	2	S101,S102	BPA01B		SWITCH		L4.48_W8.15_H6.0	CK	BPA01B
51	6	TP100,TP101,TP102,TP103,TP106,TP107	TP_HEIGHT_2.5		TEST POINT			Stelvio Kontek	3110346000500
52	1	U101	KF33BD		CONVERTER		SO8	STMICROELECTRONICS	KF33BD
53	1	U200	TS3USB30EDGSR		SWITCH		VSSOP10	TEXAS INSTRUMENTS	TS3USB30EDGSR
54	1	U201	STM32F413RH		MCU		LQFP64	STMICROELECTRONICS	STM32F413RHT6TR
55	1	U202	M25P16-VMN6P		MEMORY		SO8	MICRON	M25P16-VMN6P
56	1	U203	LD39015M33R		CONVERTER		SOT23-5	STMICROELECTRONICS	LD39015M33R
57	1	U204	CP2105-F01-GM		CONVERTER		QFN24	SILICON LABS	CP2105-F01-GM
58	1	Y200	25MHz		QUARTZ		L3.2_W2.5	TXC	7M25070054
59	1	Y201	32.768kHz		QUARTZ		L3.2_W1.5_H0.9	ABRACON	ABS07-120-32.768KHZ-T