

EEZ BB3+ CM5 STM32H7 Module BOM

#	Reference	Value	Qty	DigiKey	Mouser	TME	LCSC
1	C1,C2,C11,C14,C67,C68,C69	10u	7	1276-1052-6-ND	187-CL21A106KPFNNNE	CL21A106KPFNNNE	C17024
2	C3,C6,C22,C24,C25,C51	1u	6	490-GRM155C81A105MA12DCT-ND	81-GRM155C81A105MA2D	GRM155R60J105KE19D	C15684
3	C4,C5,C42,C43	10p	4	1276-1069-1-ND	187-CL10C100CB8NNNC	VJ0603A100JXACW1BC	C318677
4	C7,C52,C53,C70	10n	4	490-6309-1-ND	81-GRM155R61C103KA1D	GRM155R61C103KA01D	
5	C8,C40,C41,C54,C55,C58,C60,C73,C75,C77	4u7	10	1276-1044-1-ND	187-CL10A475KP8NNND	CL10A475KP8NNNC	C1705
6	C9,C10,C12,C13,C16,C17,C19,C20,C26,C27,C29,C30,C31,C32,C33,C34,C35,C36,C37,C38,C39,C47,C48,C49,C56,C57,C59,C61,C62,C63,C64,C65,C66,C71,C72,C74,C76	100n	37	490-6287-1-ND	81-GRM155R60J104KA1D	GRM155R60J104KA01D	
7	C15,C18,C21,C28,C44,C45,C46	2u2	7	490-GRM155C71A225KE11JCT-ND	81-GRM155C71A225KE1J	-	C2211665
8	C23	220p	1	1276-6762-1-ND	187-CL05C221JB51PNC	CL05C221JB51PNC	C472450
9	C50	470p	1	1276-1117-1-ND	187-CL05C471JB5NNNC	CL05C471JB5NNNC	C307449
10	FB1	FBMJ1608HM180NTR	1	587-3251-2-ND	963-FBMJ1608HM180NTR	-	C2661511
11	FB2	BLM18AG102SH1D	1	490-7809-1-ND	81-BLM18AG102SH1D	BLM18AG102SH1D	C337877
12	FB3,FB4,FB5	60R@100MHz	3	490-7809-1-ND	81-BLM18AG102SH1D	BLM18AG102SH1D	C337877
13	IC1	AZ1117CH2-3.3TRG1	1	31-AZ1117CH2-3.3TRG1CT-ND	621-AZ1117CH2-33TRG1	AZ1117CH2-3.3TRG1	C108492
14	IC2	SN74LVC1G14DBVR	1	296-11607-1-ND	595-SN74LVC1G14DBVR	SN74LVC1G14DBVR	C19829661
15	IC3	STM32H7R7L8H6H	1	497-STM32H7R7L8H6H-ND	511-STM32H7R7L8H6H	STM32H7R7L8H6H	C26430721
16	IC4	TLV75718PDRVR	1	296-50006-1-ND	595-TLV75718PDRVR	TLV75718PDRVR	C2861386
17	IC5	MX52LM04A11XVW	1	1092-MX52LM04A11XVW-ND	95-52LM04A11XVWT	-	-
18	IC6	LAN8742A-CZ-TR	1	LAN8742A-CZ-CT-ND	579-LAN8742A-CZ-TR	LAN8742A-CZ-TR	
19	IC7	APS256XXN-OBR-BG	1	-	878-APS256XXN-OB9-BG	-	C42963059
20	IC8	TFP410PAP	1	296-12666-ND	595-TFP410PAP	-	C1543847
21	IC9	TS3DV642A0RUAR	1	296-39510-1-ND	595-TS3DV642A0RUAR	-	C157482
22	IC10	MX25UM25645GXDI00-T	1	1092-MX25UM25645GXDI00-ND	95-25UM25645GXDI0T	X25UM25645GXDI00TR	C20099946
23	L1	LQM2MPN2R2NG0	1	490-7786-2-ND	81-LQM2MPN2R2NG0L	LQM2MPN2R2NG0L	C83998
24	R1,R2,R6	1K5	3	311-1.50KLRCT-ND	603-RC0402FR-071K5L	RC0402FR-071K5L	C114759
25	R3,R7,R8,R9,R10,R12,R13,R14,R20,R23,R24	10K	11	311-10.0KLRCT-ND	603-RC0402FR-0710KL	SMD0402-10K-1%	C60490
26	R4,R5	0R	2	311-0.0LRCT-ND	603-RC0402FR-070RL	RC0402FR-070RL	C106231
27	R11	12K1	1	13-RC0402FR-1012K1LCT-ND	603-RC0402FR-1012K1L	SMD0402-12.1K-1%	
28	R15,R16,R17,R18	49R9	4	13-RC0402FR-1349R9LCT-ND	603-RC0402FR-1349R9L	RC0402FR-0749R9L	C4007649
29	R19	4K7	1	13-RC0402FR-104K7LCT-ND	603-RC0402FR-104K7L	SMD0402-4K7-1%	
30	R21	510R	1	13-RC0402FR-13510RLCT-ND	603-RC0402FR-13510RL	RC0402FR-07510RL	
31	R22	1K	1	13-RC0402FR-131KLCT-ND	603-RC0402FR-131KL	SMD0402-1K-1%	C4247997
32	RN1,RN2	CAY16A-330J4AS	2	CAY16-330J4LFCT-ND	652-CAY16-330J4LF	CAY16-330J4LF	
33	SoM1 (connectors)	2x DF40HC(3.0)-100DS-0.4V(51)	2	26-DF40HC(3.0)-100DS-0.4V(51)CT-ND	798-DF40HC30100DS451	-	C424649
34	Y1,Y2	VXM7-9032-25M0000000	2	150-VXM7-9032-25M0000000CT-ND	579-M7903225M0000000	-	C1517995