

EEZ BB3+ CM5 STM32H7 Module BOM

#	Reference	Value	Qty	DigiKey	Mouser	TME	LCSC
1	C1,C2,C12,C15,C69,C70,C71	10u	7	1276-1052-6-ND	187-CL21A106KPFNNNE	CL21A106KPFNNNE	C17024
2	C3,C10,C11,C13,C14,C17,C18,C20,C21 ,C25,C26,C28,C31,C32,C33,C34,C35,C 36,C37,C38,C39,C40,C48,C49,C50,C58, C59,C61,C63,C64,C65,C66,C67,C68,C7 3,C74,C75,C76,C78,C80	100n	40	490-6287-1-ND	81-GRM155R60J104KA1D	GRM155R60J104KA01D	
3	C4,C7,C23,C29,C30,C53	1u	6	490-GRM155C81A105MA12DCT-ND	81-GRM155C81A105MA2D	GRM155R60J105KE19D	C15684
4	C5,C6,C43,C44	10p	4	490-7299-1-ND	81-GRM155C2A100JA1D	GRM155C1H100GA01D	
5	C8,C51,C54,C55,C72	10n	5	490-6309-1-ND	81-GRM155R61C103KA1D	GRM155R61C103KA01D	
6	C9,C41,C42,C56,C57,C60,C62,C77,C79 ,C81	4u7	10	1276-1044-1-ND	187-CL10A475KP8NNND	CL10A475KP8NNNC	C1705
7	C16,C19,C22,C27,C45,C46,C47	2u2	7	490-GRM155C71A225KE11JCT-ND	81-GRM155C71A225KE1J	-	C2211665
8	C24	220p	1	1276-6762-1-ND	187-CL05C221JB51PNC	CL05C221JB51PNC	C472450
9	C52	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	PI3USB102ZLEX	1	PI3USB102ZLEXCT-ND	729-PI3USB102GZLEX	-	C500797
15	IC3	SN74LVC1G14DBVR	1	296-11607-1-ND	595-SN74LVC1G14DBVR	SN74LVC1G14DBVR	C19829661
16	IC4	STM32H7R7L8H6H	1	497-STM32H7R7L8H6H-ND	511-STM32H7R7L8H6H	STM32H7R7L8H6H	C26430721
17	IC5	TLV75718PDRVR	1	296-50006-1-ND	595-TLV75718PDRVR	TLV75718PDRVR	C2861386
18	IC6	IS21EF04GP-JQLI	1	706-IS21EF04GP-JQLI-ND	870-IS21EF04GP-JQLI	-	-
19	IC7	LAN8742A-CZ-TR	1	LAN8742A-CZ-CT-ND	579-LAN8742A-CZ-TR	LAN8742A-CZ-TR	
20	IC8	APS256XXN-OBR-BG	1	-	878-APS256XXN-OB9-BG	-	C42963059
21	IC9	TFP410PAP	1	296-12666-ND	595-TFP410PAP	-	C1543847
22	IC10	TS3DV642A0RUAR	1	296-39510-1-ND	595-TS3DV642A0RUAR	-	C157482
23	IC11	LSF0204GU12	1	1727-LSF0204GU12-Q100XTR-ND	771-LSF0204GU12Q100X	-	C7296193
24	IC12	MX25UM25645GXDI00-T	1	1092-MX25UM25645GXDI00-ND	95-25UM25645GXDI0T	X25UM25645GXDI00TR	C20099946
25	L1	LQM2MPN2R2NG0	1	490-7786-2-ND	81-LQM2MPN2R2NG0L	LQM2MPN2R2NG0L	C83998
26	R1,R2,R5,R26,R27	1K5	5	311-1.50KLRCT-ND	603-RC0402FR-071K5L	RC0402FR-071K5L	C114759
27	R3,R4,R6,R7,R8,R9,R11,R13,R21,R24, R25,R28	10K	12	311-10.0KLRCT-ND	603-RC0402FR-0710KL	SMD0402-10K-1%	C60490
28	R10	12K1	1	13-RC0402FR-1012K1LCT-ND	603-RC0402FR-1012K1L	SMD0402-12.1K-1%	
29	R14,R19	220R	2	311-220LRCT-ND	603-RC0402FR-07220RL	RC0402FR-07220R	C112291
30	R15,R16,R17,R18	49R9	4	13-RC0402FR-1349R9LCT-ND	603-RC0402FR-1349R9L	RC0402FR-0749R9L	C4007649
31	R20	4K7	1	13-RC0402FR-104K7LCT-ND	603-RC0402FR-104K7L	SMD0402-4K7-1%	
32	R22	510R	1	13-RC0402FR-13510RLCT-ND	603-RC0402FR-13510RL	RC0402FR-07510RL	
33	R23	1K	1	13-RC0402FR-131KLCT-ND	603-RC0402FR-131KL	SMD0402-1K-1%	C4247997
34	RN1,RN2	CAY16A-330J4AS	2	CAY16-330J4LFCT-ND	652-CAY16-330J4LF	CAY16-330J4LF	
35	SoM1	DF40HC(3.0)- 100DS-0.4V(51	2	H11614CT-ND	798-DF40C100DP0.4V51	DF40C-100DP-04V-51	C531031
36	Y1,Y2	VXM7-9032-25M0000000	2	150-VXM7-9032-25M0000000CT-ND	579-M7903225M0000000	-	C1517995