





























	Α	В			С			D			_
Bill Of Ma	aterials										
Line #	Designator	Name	Quantity	Desi	gn Item Id	Manufacturer	Manufacti	urer Part Number			
1	C5_QA1, C5_QA2, C5_QB1, C5_QB2, C5_QC1, C5_QC2, C6_QA1, C6_QA2, C6_QB1, C6_QB2, C6_QC1, C6_QC2	100 nF	12		01_100n_10V			GRM033R6YA104ME14D			
2	C4_QA1, C4_QA2, C4_QB1, C4_QB2, C4_QC1, C4_QC2, C7, C8, C9	1µF	9	CAP_0	201_1u_10V	Murata	GRM033C81A105ME05D GRM0335C1H111JA01D				
3	C3_QA1, C3_QA2, C3_QB1, C3_QB2, C3_QC1, C3_QC2, CG1_QA1, CG1_QA2, CG1_QB1, CG1_QB2, CG1_QC1, CG1_QC2, CG2_QA1, CG2_QA2, CG2_QB1, CG2_QB2, CG2_QC1, CG2_QC2	110pF	18	CAP_02	01_110p_50V	Murata					
4	C1_QA1, C1_QA2, C1_QB1, C1_QB2, C1_QC1, C1_QC2, C2_QA1, C2_QA2, C2_QB1, C2_QB2, C2_QC1, C2_QC2	470pF	12	CAP_02	01_470p_25V	Murata	Murata GRM033				
5	R1_QA1, R1_QA2, R1_QB1, R1_QB2, R1_QC1, R1_QC2, R2_QA1, R2_QA2, R2_QB1, R2_QB2, R2_QC1, R2_QC2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14	4.7k	24	R_0201_4.7K Panasonic JMP_0201_3w Panasonic		Panasonic	ERJ-	I-1GNF4701C			2
6	JP_A, JP_D, JPA1, JPA2, JPB1, JPB2, JPC1, JPC2	JMP	8			ERJ-	1GN0R00C				
7	D1_QA1, D1_QA2, D1_QB1, D1_QB2, D1_QC1, D1_QC2, D2_QA1, D2_QA2, D2_QB1, D2_QB2, D2_QC1, D2_QC2	TPD1E01B04DPYRQ1	12	TPD1E0	1B04DPYRQ1	Texas Instruments	TPD1E0	01B04DPYRQ1			
8	U1_QA1, U1_QA2, U1_QB1, U1_QB2, U1_QC1, U1_QC2	LIS2DUXS12TR	6	LIS2I	DUXS12TR	STMicroelectronics	LIS2	DUXS12TR			
9	J5, J6	FTS-103-01-L-S	2		103-01-L-S	Samtec		-103-01-L-S			
10	J2, J3, J4	FTS-110-01-L-S	3		110-01-L-S	Samtec	FTS	-110-01-L-S			
11	J1	VitalCore Interface v1.0	1	BACKPAC	K_INTERFACE_ V1.0	Hirose	DF40C(2.	0)-50DS-0.4V(51)			
12	JA1_1, JA2_1, JB1_1, JB2_1, JC1_1, JC2_1	CONMHF1-SMD-G-T	6	CONMF	IF1-SMD-G-T	TE Connectivity	CONM	HF1-SMD-G-T			(
					Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich		Project: Qvar 6 Channel Vitalcore Backpack BOM				4
					Laboratory: ETHZ D-ITET PBL Date: 17/11/2023 17:56 Revision: 1.0 Variant: [No Variations] File: DOC BOM.PCBDwf		Drawn By: villanif Checked By: topolonelli, nschae, peterste				
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