





























Α		В			С			D			
Bill Of Ma	terials					_					
Line #	Designator	Name	Quantity	De	sign 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		0201_100n_10V	Murata	GRM033R6YA104ME14D GRM033C81A105ME05D				
2	C4_QA1, C4_QA2, C4_QB1, C4_QB2, C4_QC1, C4_QC2, C7, C8, C9	1µF	9	CAP_	_0201_1u_10V	Murata					
3	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	12	CAP_0	0201_110p_50V	Murata	GRM0335C1H111JA01D				
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	4.7k	12	R_0201_4.7K		Panasonic	ERJ-1GNF4701C				
6	C1_QA1, C1_QA2, C1_QB1, C1_QB2, C1_QC1, C1_QC2, C2_QA1, C2_QA2, C2_QB1, C2_QB2, C2_QC1, C2_QC2	0R	12	R_0201_0R_short_cap		Panasonic	ERJ-1GN0R00C				
6	JP_A, JP_D	JMP	2	JN	P_0201_3w	Panasonic	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	TPD1E	01B04DPYRQ1	Texas Instruments	TPD1E01B04DPYRQ1				
8	U1_QA1, U1_QA2, U1_QB1, U1_QB2, U1_QC1, U1_QC2	LIS2DUXS12TR	6	LIS	2DUXS12TR	STMicroelectronics	LIS2	DUXS12TR			
11	J1	VitalCore Interface v1.0	1	BACKPA	CK_INTERFACE_ V1.0	Hirose	DF40C(2)	0)-50DS-0.4V(51)			
					Laboratory: E Date: 17/11/2 Revision: 1.0 Variant: Fabi	ne Technische Hochschule Zürich Institute of Technology Zurich ZTHZ D-ITET PBL 2023 18:04	BOM Drawn By:	var 6 Channel Vitalcon villanif ty: topolonelli, nscha			
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