

SPACEDOS01A_PCB01A

modul pro Cubesat dozimetr

x	Value Ref	Package	MFPN UST_ID
1x	47uF C1	Mlab_C:TantalC_SizeC_Reflow	-- 5c63683e2f3331341077b35a
23x	100nF C2, C10, C11, C12, C13, C14, C16, C20, C25, C26, C27, C28, C31, C32, C34, C35, C39, C44, C47, C48, C53, C54, C55	Mlab_R:SMD-0805	--
3x	4u7 C3, C17, C43	Mlab_R:SMD-0805	-- 5c63683e2f3331341077b358
14x	10uF C4, C6, C7, C8, C9, C21, C22, C23, C36, C38, C40, C42, C49, C50	Mlab_R:SMD-0805	--
1x	1pFNP0 251R15S1R0AV4E C5	Mlab_R:SMD-0805	-- 5c63683e2f3331341077b35a
1x	3n3 C15	Mlab_R:SMD-0805	
1x	2n2 C18	Mlab_R:SMD-0805	-- 5c63683e2f3331341077b358
1x	1nF/NP0 C19	Mlab_R:SMD-0805	-- 5c63683f2f3331341077b57d
1x	1uF C24	Mlab_R:SMD-0805	-- 5c63683e2f3331341077b2a9
4x	NFM21PC105-1uF C29, C45, C51, C52	Mlab_L:FIR1	--
2x	15pF C30, C33	Mlab_R:SMD-0805	-- 5c63683f2f3331341077b57d
2x	BZV55C-5,6V D1, D3	Diode_SMD:D_MiniMELF	-- 5c63683f2f3331341077b5f5
1x	S2744-09 D2	Mlab_D:HAMAMATSU_S2744-09	-- 5c63683e2f3331341077b358
2x	SR010-15 100mA F1, F2	Mlab_R:SMD-0805	-- 5c63683e2f3331341077b36d
3x	HEADER_2x01_PARALLEL J1, J2, J3	Mlab_Pin_Headers:Straight_1x02	-- 5c63683e2f3331341077b358
4x	HEADER_1x01 J4, J5, J6, J7	Mlab_Pin_Headers:Straight_1x01	-- 5c63683e2f3331341077b358
1x	HEADER_2x01_PARALLEL J19	Mlab_Pin_Headers:Straight_2x01	-- --
1x	HEADER_2x03 J22	Mlab_Pin_Headers:SMD_2x03	-- --
1x	10uH - LQH32CN100K23L L1	Mlab_R:SMD-1210	-- --
2x	DFE252012P-4R7M L2, L3	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	--
4x	HOLE M1, M2, M3, M4	Mlab_Mechanical:MountingHole_3mm	-- --
2x	BMI-S-210-F M6, M7	Mlab_Mechanical:BMI-S-210-F	-- --
1x	10R R1	Mlab_R:SMD-0805	--
4x	470R R2, R3, R4, R5	Mlab_R:SMD-0805	-- --
1x	10M R6	Mlab_R:SMD-0805	-- --

5x	10k R7, R12, R20, R21, R23	Mlab_R:SMD-0805	-- --
2x	1k R8, R10	Mlab_R:SMD-0805	-- 5c6e8c032f33315b87782ed2
5x	4k7 R9, R11, R15, R19, R22	Mlab_R:SMD-0805	-- --
1x	2k2 R13	Mlab_R:SMD-0805	-- --
3x	- R24, R25, R27	Mlab_R:SMD-0805	--
1x	0R R28	Mlab_R:SMD-0805	-- --
2x	OPA2314 U1, U2	Mlab_IO:SOIC-8_3.9x4.9mm_Pitch1.27mm	5c6e8c022f33315b87782ba5
1x	ISL21080DIH312Z-TK 1V25 U3	Package_TO_SOT_SMD:SOT-23	-- 5c6e8c032f33315b87782fdd
1x	TS7211 U4	Package_TO_SOT_SMD:SOT-23-5_HandSoldering	-- 5c6e8c032f33315b87782fbe
1x	TS5A4594 U5	Package_TO_SOT_SMD:SOT-23-5_HandSoldering	-- 5c6e8c022f33315b87782bba
1x	TPS613221ADB U6	Package_TO_SOT_SMD:SOT-23-5	-- --
1x	TPS613222ADB U8	Package_TO_SOT_SMD:SOT-23-5	-- --
1x	ATMEGA1284P-AU U10	Package_QFP:TQFP-44_10x10mm_P0.8mm	-- --
1x	PCF85263A U11	Mlab_IO:TSSOP-10_3x3mm_Pitch0.5mm	-- 5c6e8c022f33315b87782da1
1x	16MHz Y1	Mlab_XTAL:Crystal_HC49-U_Vertical	-- --
1x	ABS07-120-32.768KHZ-T Y2	Mlab_XTAL:ABS07	-- --