

# Bill Of Materials for

Project:	PCB4108A; X-NUCLEO-53L5A1.PrjPcb
Variant:	00C
Description:	LDO With internal pull-down Resistor on EN
Schematic Version:	009



Report Date: 03/05/2021 17:28

Line #	Quantity	ST Part Number	Designator	Description	Manufacturer	MPN	Vendor	Vendor PN	ECCN	TARIC	Fitted
	0	RES0512-0	R3	RES, 47k, 1%, 1/20W, 0201	Panasonic	ERJ1GNF4702C	Farnell	2396926	EAR99	8533210000	Not Fitted
	1	CAP0076-0	C4	CAP, CER, 100nF, 10V, X5R, 0201	Murata	GRM033R61A104KE15D	Digikey	490-5881-1-ND	EAR99	8532240000	Fitted
	1	CAP0084-0	C2	CAP, CER, 1uF, 10V, X5R, 0201	Samsung	CL03A105KP3NSNC	Digikey	1276-6795-1-ND	EAR99	8532240000	Fitted
	1	CON0407-0	CN5	CONN, HEADER, 10POS, SNGL, 2.54mm, T/H	Samtec	SSQ-110-03-F-S	Mouser	200-SSQ11003FS			Fitted
	1	CON0409-0	CN8	CONN, HEADER, 6POS, SNGL, 2.54mm, T/H	Samtec	SSQ-106-03-F-S	Mouser	200-SSQ10603FS			Fitted
	1	IMGD0082-0	U2	Time-of-Flight 8x8 multizone ranging sensor with wide field of-v	ST Microelectronics	VL53L5CXV0	ST Microelectronics	VL53L5CXV0GC1			Fitted
	1	LDO0089-0	U1	IC, REG, LDO, 3.3V, 0.7A, SOT25	Torex Semiconductor	XC6222D331MR-G	Mouser	865-XC6222D331MR-G			Fitted
	1	PCB4108A	A1	X-NUCLEO-53L5A1							Fitted
	2	CAP0028-0	C1, C3	CAP, CER, 4.7uF, 6.3V, X5R, 0402	TDK	C1005X5R0J475K050BC	Farnell	2346876	EAR99	8532240000	Fitted
	2	CON0007-0	J1, J2	CONN, HEADER, 2POS, 2.54MM, T/H, VERT	Harwin	M20-9990245	Farnell	102-2263 (Cut To Suit)	EAR99	8536699099	Fitted
	2	CON0253-1	J5_Left, J5_Right	CONN, HEADER, 9POS, SNGL, 2.54mm, T/H	Samtec	SSW-109-01-G-S	Digikey	SAM1209-09-ND	EAR99	8536699099	Fitted
	2	CON0408-0	CN6, CN9	CONN, HEADER, 8POS, SNGL, 2.54mm, T/H	Samtec	SSQ-108-03-F-S	Mouser	200-SSQ10803FS			Fitted
	2	RES0020-1	R1, R2	RES, 2.2k, 1%, 1/16W, 0402	Stackpole Electronics	RMCF0402FT2K20	Digikey	RMCF0402FT2K20CT-ND	EAR99		Fitted
	2	TPT0007-0	LK1, LK2	LINK, HEADER, 2.54MM	Harwin	M7571-05	Farnell	148-029	EAR99	8536699099	Fitted
	4	RES0512-0	R4, R5, R6, R7	RES, 47k, 1%, 1/20W, 0201	Panasonic	ERJ1GNF4702C	Farnell	2396926	EAR99	8533210000	Fitted