



Bill of materials

Table 1. X-NUCLEO-ESE01A1

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	CN5		'SAMTEC - SSQ-110-24-G-S - EMBASE. 2.54MM. VERTICAL THT. 10 VOIES	SAMTEC	SSQ-110-24-G-S
2	1	CN6		'SAMTEC - SSQ-108-24-G-S - EMBASE. 2.54MM. VERTICAL THT. 8 VOIES	SAMTEC	SSQ-108-24-G-S
3	1	CN8		'SAMTEC - SSQ-106-24-G-S - EMBASE. 2.54MM. VERTICAL THT. 6 VOIES	SAMTEC	SSQ-106-24-G-S
4	1	CN9		'SAMTEC - SSQ-108-24-G-S - EMBASE. 2.54MM. VERTICAL THT. 8 VOIES	SAMTEC	SSQ-108-24-G-S
5	1	IC2	STSAFA120DFSPL05 - DFN8 2x3	STSAFA120DFSPL05 - DFN8 2x3 (not mounted)	ST	STSAFA120DFSPL05
6	1	IC1	STSAFA120S8SPL05, SO8N	STSAFA120S8SPL05 SO8N 5x6	ST	STSAFA120S8SPL05
7	1	J2		3M-30310-6002HB-Connecteur embase 10 voies	3M	3M-30310-6002HB
8	1	P1		2211S-03G MULTICOMP, Header, male, 2.54mm, 3 contacts, traversant	MULTICOMP	2211S-03G
9	1	P2		2211S-03G MULTICOMP, Header, male, 2.54mm, 3 contacts, traversant	MULTICOMP	2211S-03G
10	1	P3		2211S-02G MULTICOMP, Header, male, 2.54mm, 2contacts, traversant	MULTICOMP	2211S-02G
11	1	P4		2211S-02G MULTICOMP, Header, male, 2.54mm, 2contacts, traversant	MULTICOMP	2211S-02G
12	1	P5		2211S-02G MULTICOMP, Header, male, 2.54mm, 2contacts, traversant	MULTICOMP	2211S-02G
13	1	P2.2, P1.2		Connected P2.2, P1.2 VCC - 3V3 => JUMPER 2contacts 2,54mm	ASSMANN WSW	AKSPLTZ BLACK
14	1	Q1		DMP2305U-7 - DIODES INC. - PMOS 20V 4A RDSon45 mOhm SOT23	Diodes Incorporated	DMP2305U-7
15	1	R1	3.3k Ohm	MULTICOMP MCWR06X3301FTL Résistance CMS 0603 3.3KOhm	MULTICOMP	MCWR06X3301FTL
16	1	R2	3.3k Ohm	MULTICOMP MCWR06X3301FTL Résistance CMS 0603 3.3KOhm	MULTICOMP	MCWR06X3301FTL
17	1	R3	2.2k Ohm	MULTICOMP MCWR06X2201FTL Résistance CMS 0603 2.2KOhm	MULTICOMP	MCWR06X2201FTL
18	1	R4	2.2k Ohm	MULTICOMP MCWR06X2201FTL Résistance CMS 0603 2.2KOhm	MULTICOMP	MCWR06X2201FTL
19	1	R5	1k Ohm	MULTICOMP MCWR06X1001FTL Résistance CMS 0603 1KOhm	MULTICOMP	MCWR06X1001FTL
20	1	SB1		SOLDER BRIDGE (connected)	SOLDER BRIDGE	SOLDER BRIDGE
21	1	SB2		SOLDER BRIDGE (connected)	SOLDER BRIDGE	SOLDER BRIDGE
22	1	SB3		SOLDER BRIDGE (connected)	SOLDER BRIDGE	SOLDER BRIDGE
23	1	SB5		SOLDER BRIDGE (not connected)	SOLDER BRIDGE	SOLDER BRIDGE

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