

X-NUCLEO-IHM09M1 - BOM (1/1)

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Additional Notes
1	1	D1	RED		LED standard - SMD		SMD 0603	Lite-on	LTST-C193KRKT-5A	
2	1	J1	Stripline m. 1x3		3 WAYS STRIP LINE-MALE 2.54mm		TH 2.54mm pitch	any		
3	1	J2	RING		TEST POINT 1mm		TH	Vero Technologies	20-2137	
4	2	CN7,CN10	CONN 38		ELEVATED SOCKET ST MORPHO CONNECTOR 38 PIN (19x2)		TH 2.54mm pitch	Samtec	ESQ-119-24-T-D	Alternative:4UCONN 08413 info: ASSEMBLY ON TOP
5	2	CN6,CN9	CONN8		8 PIN ELEVATED SOCKET		TH 2.54mm pitch	Samtec	ESQ-108-24-T-S	Alternative:4UCONN 15284 Mounting info: Female on top, male on bottom -NOT MOUNTED
6	1	CN5	CONN10		10 PIN ELEVATED SOCKET		TH 2.54mm pitch	Samtec	ESQ-110-24-T-S	Alternative:4UCONN 15286 Mounting info: Female on top, male on bottom -NOT MOUNTED
7	1	J7	Motor Control Connetor		34 way IDC straight boxed header		TH	ANY	ANY	
8	1	CN8	CONN6		6 PIN ELEVATED SOCKET		TH 2.54mm pitch	Samtec	ESQ-106-24-T-S	Alternative: 4UCONN 15282 Mounting info: Female on top, male on bottom -NOT MOUNTED
9	26	R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R15,R16,R17,R18,R19,R20,R21,R22,R23,R24,R25,R27,R28	0 Ohm	0.1W	SMD RESISTOR		0603	ANY	ANY	
10	1	R14	510 Ohm	0.1W	SMD RESISTOR		0603	ANY	ANY	
11	1	R26	100 kOhm	1/2W	TRIMMER RESISTOR	10%		Bourns	3386G-1-104LF	