

X-NUCLEO-IHM04A1

Description	Item Number	Quantity	Part Reference	Value	Voltage	Part Type	Tolerance	Package_Type	Manufacturer	Manufacturer Part Number
CAP ALU 100uF 63V SMD-PACK-G 10x10.2mm	1	1	NOT POPULATED	100UF	63V	ALUMINIUM	20%	EEEFK1J101P	PANASONIC	EEEFK1J101P
CAP CER 100nF 50V X7R 0603	2	2	C2 C3	100NF	50V	CERAMIC	15%	C0603		
CAP CER 220nF 35V X7R 0603	3	1	C4	220NF	35V	CERAMIC	15%	C0603		
CAP CER 10nF 50V X7R 0603	4	1	C5	10NF	50V	CERAMIC	15%	C0603		
CAP CER 5.6nF 50V X7R 0603	5	2	C6 C7	5.6NF	50V	CERAMIC	15%	C0603		
CAP ALU 100uF 63V Radail 10x6-P5	6	1	C8	100UF	63V	ALUMINIUM	20%		NICHICON	UVR1J101MPD
CAP NP 0603	7	2	C9 C10	NP		NP		C0603		
Screw connector 6 poles MKDS 1/6-3.81	8	1	CN1	MKDS1/6-3.81		SCREW CONNECTOR		MKDS1/6-3.81	PHOENIX CONTACT	MKDS1/6-3.81
THOUGH-HOLE-1x10-Pin height 14.8 - Body 8.5mn - picth 2.54	9	1	CN5	CON-1x10		HEADER		SSQ110-03	SAMTEC	SSQ-110-04-F-S
THOUGH-HOLE-1x8-Pin height 14.8 - Body 8.5mn - picth 2.54	10	2	CN6 CN9	CON-1x8		HEADER		SSQ108-03	SAMTEC	SSQ-108-04-F-S
THOUGH-HOLE-2x19-Pin height 14.8 - Body 8.5mn - picth 2.54	11	2	NOT POPULATED	CON-2x19		HEADER		SSQ119-04D	SAMTEC	SSQ-119-04-L-D
THOUGH-HOLE-1x6-Pin height 14.8 - Body 8.5mn - picth 2.54	12	1	CN8	CON-1x6		HEADER		SSQ106-03	SAMTEC	SSQ-106-04-F-S
Double Diode High Speed Switching Diode	13	1	D1	BAR43		DIODE		BAR43	STMICROELECTRONICS	BAR43SFILM
LED YELLOW - 0603	14	4	D2-D5	YELLOW		LED		LEDC-0603		
TIN DROP OPEN	15	4	J1-J4	OPEN	NOT POPULATE	CMS		R0805		
OPTICAL_TARGET	16	3	MIRE1-MIRE3	OPTICAL_TARGET		OPTICAL_TARGET		OPTICAL_TARGET		
RES 0 OHM 1.5W 2512	17	2	R1 R2	0R		CMS		R2512	VISHAY DALE	CRCW25120000Z0EGHP
RES 100 OHM 5% 1/10W	18	1	R3	100R		CMS	5%	R0603		
RES 100K OHM 5% 1/10W 0603 SMD	19	2	R4 R5	100K		CMS	5%	R0603		
RES NP 0603	20	4	R6 R7 R14 R15	NP		CMS		R0603		
RES 5.1K OHM 1% 1/10W 0603 SMD	21	2	R8 R9	5.1K		CMS	1%	R0603		
RES 10K OHM 5% 1/2W 0805 SMD	22	4	R10-R13	10K		CMS	5%	R0805		
DMOS DUAL FULL BRIDGE DRIVER	23	1	U1	L6206PD		MOTOR DRIVER		L6206PD	STMICROELECTRONICS	L6206PD