

iCE40HX8K-EVB_Rev_B1-BOM

16.09.2021

Quantity	Designation	Package	Designator
4	22R	R0402	R3,R9,R10,R18
2	100R	R0603	R21,R22
1	1.1k/1%	R0402	R6
4	2.2k	R0402	R2,R12,R13,R14
3	4.99k/1%	R0402	R5,R7,R8
8	10k	R0402	R1,R4,R11,R15,R16,R17,R20,R23
2	2.2uH/1.5A/DCR<0.1R/CD32	CD32	L1,L2
29	100nF/50V/20%/Y5V	C0402	C3,C4,C11,C12,C13,C14,C15,C16,
	C17,C18,C21,C22,C23,C24,C25,C26,C27,C28,C29,C32,C33,C34,C35,C36,C37,C38,C39,C40,C41		
9	22uF/6.3V/20%/X5R	C0603	C1,C2,C7,C8,C9,C10,C30,C31,C42
2	47uF/6.3V/20%/X5R	C0805	C5,C6
1	1N5819(S4SOD-123)	SOD-123	D2
1	SMBJ6.0A(DO-214AA)	DO214AA	D1
3	LED/Red/0603	LED_0603	LED1,LED2,PWRLED1
1	LED/Green/0603	LED_0603	CDone1
1	Oscillator-100MHZ_TXC-7W	7.0x5.0mm	CR1
2	SY8009AAAC(SOT23-5)	SOT-23-5	U2,U3
1	EN25Q16B-104HIP(SOIC-8_208mil)	SO-8_208mil	U1
1	K6R4016V1D-TC10(TSOP-44)	TSOP-44	U5
1	iCE40HX8K-CT256(256-Ball_caBGA)	256-Ball_caBGA	U4
3	T1107A(6x3,8x2,5MM)	6x3,8x2,5MM	RESET1,BUT1,BUT2
4	PA-V16X-2X20-LF	PA-V16X-2X20-LF	EXT1,EXT2,EXT3,EXT4
1	BH10S	BH10S	PGM1
1	BH34R	BH34R	GPIO1
1	PWRJ-2mm(YDJ-1134)	PWRJ-2mm	PWR1
1	Opened	SJ	3.3V_E1
1	NA(22R)	R0402	R19
3	NA(10k)	R0402	R24,R25,R26
2	NA(100nF/50V/20%/Y5V)	C0402	C19,C20
1	NA(5025)	FUSE-5025	FUSE1
1	NA(HN1x2(Opened))	HN1x2	JTAG_E1
1	NA(HN1x6)	HN1x6	JTAG1