

## iCE40HX1K-EVB\_Rev\_B

Quantity	Designation	Package	Designator
1	ICE40HX1K-VQ100(VQFP100)	VQFP100	U4
6	22uF/6.3V/0603	C_0603	C1,C2,C7,C8,C9,C10
17	100nF	C_0402	C3,C4,C11,C12,C13,C14,C15,C16,C17,C18,C21,C22,C23,C24,C25,C26,C28
2	47uF/6.3V/0805	C_0805	C5,C6
3	NA(100nF)	C_0402	C19,C20,C27
1	LED/Green/0603	LED_0603	CDone1
1	Oscillator-100MHZ_TXC-7W	Oscillator_7.0x5.0mm	CR1
1	SMBJ6.0A	DO214AA	D1
1	1N5819(S4SOD-123)	SOD-123	D2
1	NA(5025)	FUSE-5025	FUSE1
1	BH34R	BH34R	GPIO1
2	2.2uH/1.5A/DCR<0.1R/CD32	CD32	L1,L2
3	LED/Red/0603	LED_0603	LED1,LED2,PWRLED1
1	BH10S	UEXT_ML10	PGM1
6	10k	R_0402	R1,R4,R11,R15,R16,R17
4	2.2k	R_0402	R2,R12,R13,R14
4	22R	R_0402	R3,R9,R10,R18
3	4.99k/1%	R_0402	R5,R7,R8
1	1.1k/1%	R_0402	R6
1	W25Q16BVSSIG(SOIC-8_208mil)	SO-8_208mil	U1
2	SY8009AAAC(SOT23-5)	SOT-23-5	U2,U3
3	T1107A(6x3,8x2,5MM)	6x3,8x2,5MM	RESET1,BUT1,BUT2
1	NA(22R)	R_0402	R19
3	Opened	SJ	3.3V_E1,RxD_E1,TxD_E1
1	K6R4016V1D-TC10(TSOP-44)	TSOP-44	U5
1	PWRJ-2mm(YDJ-1136)	YDJ-1136	PWR1