



Title		
Size	Number	Revision
A3		
Date:	2022/10/18	Sheet of
File:	AGM-TCX-AG10KL144-H	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C12, C13, C15, C16, C17	R0805	CAP	15
10uF	Capacitor	C11	R0805	CAP	1
Green	Typical INFRARED GaAs LED	D0, D1, D2, D3	R0805	LED0	4
Red	Typical INFRARED GaAs LED	D4	LED1	LED0	1
Phonejack2 TN	Jack Socket, 1/4" [6.5mm], Thru-Hole, Vertical, 2-Conductor with Tip closed	J1	DY	Phonejack2 TN	1
JTAG		J2	JTAG-1/DIP10	HEADER 5X2	1
AS		J3	JTAG-1/DIP10	HEADER 5X2	1
SW1		K	DPDT-6	SW1	1
Header 13X2	Header, 13-Pin, Dual row	P1, P2, P3, P4	HDR2X13	Header 13X2	4
50MHz		Q	SMD5X7	OSC	1
10K	Resistor	R1, R3, R4, R5, R6, R13, R14	R0805	Res2	9
1K	Resistor	R2, R11	R0805	Res2	1
680	Resistor	R7, R8, R9, R10	R0805	Res2	4
SW-PB	Switch	S	SW-0	SW-PB	1
EP4CE6E22C8	Cyclone IV Family FPGA, 2V Core, 91 I/O Pins, 2 PLLs, 144-Pin QFP, Speed Grade 8, Commercial Grade	U1	TQFP144	EP4CE6E22C8	1
1117-3.3		U2	ZZ311	1117-3.3	1
1117-1.2		U3	ZZ311	1117-3.3	1
1117-2.5		U4	ZZ311	1117-3.3	1
EPCS4		U5	SOIC8	EPCS1	1