

Quantity	Reference	Manufacturer	Manufacturer Part Number	Distributor	Dist. Part Number	Note
Surface mount						
11	C1, C2, C4, C8, C9, C10, C11, C12, C13, C15, C24	Wurth	885012208009	Digi-Key	732-8086-1-ND	0.1 uF
2	C3, C5	Vishay	TL3A106K010C2000	Digi-Key	718-TL3A106K010C2000CT-ND	10 uF
1	D2	Kingbright Company LLC	APT3216SECK/J3-PRV	Digi-Key	754-1796-1-ND	"Generated" LED (Red)
1	D3	Kingbright Company LLC	APT3216SGG	Digi-Key	754-1141-1-ND	"Derived" LED (Green)
1	R1			Digi-Key	P680KETR-ND	680k Ohm
1	R2			Digi-Key	P75ETR-ND	75 Ohm
2	R3,R4			Digi-Key	P220ETR-ND	220 Ohm
1	R6			Digi-Key	P1.0KETR-ND	1k Ohm
1	U2					XC95144XL-STQG100C (XC95144XL-10TQG100C is also okay)
1	U3			Digi-Key	296-47437-2-ND	LM1881
1	U5			Digi-Key	NCP1117LPST33T3GOSCT-ND	3.3V voltage regulator
1	X1			Digi-Key	3997-S53305T-14.31818-X-RTR-ND	S53305T-14.31818-X-R
Through hole						
1	C17			Digi-Key	493-15702-ND	470uF
5	J1,J7, J2, J8, J10+J9			Digi-Key	952-3302-ND	1x12
1	n/a			Digi-Key	S7045-ND	1x12 socket
1	n/a			Digi-Key	S7044-ND	1x11 socket
4	J3,J4,J5,J6			Digi-Key	S7000-ND	1x02 socket
2	J11,J12			Digi-Key	ACX1971-ND	BNC connector
1	J13			Digi-Key	2057-PH2-14-UA-ND	JTAG interface
Legend						
Substitution is allowed						
Substitution is allowed but this may change values of C3 and C5, so be careful						
Substitution is allowed but clock accuracy is important						