Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1, C2, C4, C6, C8, C9, C10, C11, C12, C13	10	SMD Multilayer Ceramic Capacitor, 10 µF, 25 V, 0805 [2012 Metric], ± 10%, X7S, CGA Series	10 µF		0805	TDK	CGA4J1X7S1E106K125AE	Yes	Yes
C3	1	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50V 220pF 0603 X7R 10% AEC-Q200	220 pF		0603	KEMET	C0603C221K5RACAUTO	Yes	Yes
C5	1	GRT188C81E225KE13D - SMD Multilayer Ceramic Capacitor, 2.2 µF, 25 V, 0603 [1608 Metric], ± 10%, X6S, GRT Series, Murata			0603	Murata	GRT188C81E225KE13D	Yes	Yes
C7	1	Multilayer Ceramic Capacitors MLCC - SMD/SMT CGA 0603 50V 2200pF X7R 10% AEC-Q200	2.2 nF		0603	TDK	CGA3E2X7R1H222K080AA	Yes	Yes
CON1	1	PTH right angle male header 2 pins 2.54 mm pitch Würth Elektronik	613 002 110 21			Würth Elektronik	61300211021	Yes	Yes
CON2	1	WR-PHD 2.54 mm THT Angled Pin Header 1x4	61300411021			Würth Elektronik	61300411021	Yes	Yes
D1	1	Zener Single Diode, 18 V, 500 mW, SOD-123, 5 %, 2 Pins, 150 °C	SZMMSZ18T1G			ON Semiconductor	SZMMSZ18T1G	No	Yes
D2, D3, D4, D5, D6	5								