

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	CAP CER 220PF 100V X7R 0603	220pF 100V	±5%	0603	AVX Corporation	06031C221JAT2A	Yes	Yes
C2,C35	2	CAP CER 10UF 16V X5R 0805	10µF 16V	±20%	0805	Würth Electronics	885012107014	Yes	Yes
C3,C4	2	CAP CER 2.2UF 100V X7R 1210	2.2µF 100V	±10%	1210	Kemet	C1210C225K1RACTU	Yes	Yes
C5,C33,C34,C36	4	CAP CER 10UF 50V X7R 1210	10µF 50V	±20%	1210	Taiyo Yuden	UMK325AB7106MM-T	Yes	Yes
C7	1	CAP ALUM 22UF 20% 100V SMD	22µF 100V	±20%	0.315" Dia	Panasonic Electronic	EEE-TG2A220	Yes	Yes
C8,C10,C11,C14 C16,C17	6	-	-	-	-	-	-	Yes	Yes
C9	1	CAP CER 0.47UF 100V X7R 0805	0.47µF 100V	±10%	0805	AVX Corporation	08051C474KAZ2A	Yes	Yes
C12,C13	2	CAP CER 0.47UF 25V X7R 0805	0.47µF 25V	±10%	0805	Würth Electronics	885012207076	Yes	Yes
C15	1	CAP CER 0.1UF 50V X7R 0603	0.10µF 50V	±10%	0603	Würth Electronics	885012206095	Yes	Yes
C18	1	CAP CER 0.1UF 16V X7R 0603	0.10µF 16V	±10%	0603	Würth Electronics	885012206046	Yes	Yes
C19	1	CAP CER 2200PF 25V X7R 0603	2200PF 25V	±10%	0603	Würth Electronics	885012206061	Yes	Yes
C20,C24	2	CAP CER 10000PF 100V X7R 0805	10000PF 100V	±10%	0805	Kemet			

R1	1	RES SMD 100 OHM 1% 1/10W 0603	100 OHM 1/10W	1%	0603	Bourns Inc	CR0603-FX-1000ELF	Yes	Yes
R2	1	RES SMD 470 OHM 1% 1/10W 0603	470 OHM 1/10W	1%	0603	Yageo	RC0603FR-07470RL	Yes	Yes
R3	1	RES SMD 100K OHM 1% 1/10W 0603	100K OHM 1/10W	1%	0603	Yageo	RC0603FR-07100KL	Yes	Yes
R4	1	RES SMD 47 OHM 1% 1/8W 0805	47 OHM 1/8W	1%	0805	Yageo	RC0805FR-0747RLL	Yes	Yes