

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C41, C42, Cbat, Cd2a, Cd3, Cd4a, Cd4b, Cd4f, Cd4g, Cp1, Cp2, Cpot1, Cs, Cs2, Cvccc	14	Ceramic Capacitor SMD	100NF, 50V, X7R	10%	CAP0603	KEMET	C0603C104K5RAC	Yes	Yes
C44, C45	2	Ceramic Capacitor SMD	12PF, 50V, NP0	5%	CAP0603	KEMET	C0603C120J5GAC	Yes	Yes
Cd2b	1	Ceramic Capacitor SMD	10UF, 16V, X7R	10%	CAP1206	AVX	1206YC106KATZA	Yes	Yes
Cd4c, Cd4d, Cd4e, Cusb, Cusb2	5	Ceramic Capacitor SMD	2.2UF, 10V, X7R	10%	CAP0603	MURATA	GRM188R71A225KE15D	Yes	Yes
Cbuf1, Cbuf2	2	Aluminum Capacitor SMD	220UF, 50V	-	10x10mm	PANASONIC			

Dfd	1	Switching Diode SMD	200mA/100V	-	SOD123	ON SEMICONDUCTOR	MMSD4148T1G	Yes	Yes
ZD	1	Zener Diode	15V, 300mW, 20mA	-	SOD323	ON SEMICONDUCTOR	MM3Z15VT1G	Yes	Yes
ESD_USB	1	ESD protection							