

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CBLK1	1	Capacitor, Surface mount, Al. Electrolytic	DNP	-	AL_SMT_E_CAP	DNP	DNP	YES	YES
C1, C2, C3, C4, C5, C7, C27	7	Capacitor, MLCC, 25 V, X5R	22 uF	±20%	1210CAP	Murata	GRM32ER61E226ME15L	YES	YES
C6, C11	2	Capacitor, MLCC, 10 V, X5R	1 uF	±10%	0805CAP	Murata	GRM219R61A105KA01D	YES	YES
C8	1	Capacitor, MLCC, 50 V, X7R	22 nF	±10%	0603CAP	Murata	GRM188R71H223KA01D	YES	YES
C9	1	Capacitor, MLCC, 50 V, X7R	0.1 uF	±10%	0603CAP	Murata	GRM188R71H104KA93D	YES	YES
C10	1	Capacitor, MLCC, 6.3 V, X5R	4.7 uF	±20%	0603CAP	Murata	GRM188R60J475ME19D	YES	YES
C13	1	Capacitor, MLCC, DNP	DNP		0603CAP	DNP	DNP	YES	YES
C14, C15, C16, C17, C18	5	Capacitor, MLCC, 6.3 V, X5R	100 uF	±20%	1210CAP	Taiyo Yuden	JMK325BJ107MM-T	YES	YES
C19, C20, C21, C22, C23	5	Capacitor, MLCC, DNP	DNP		1210CAP	DNP	DNP	YES	YES
C24	1	Capacitor, MLCC, 50 V, C0G	10 pF	±5%	0603CAP	Murata	GRM1885C1H100JA01D	YES	YES
C25	1	Capacitor, MLCC, 50 V, X7R	2.2 nF	±10%	0603CAP	Murata	GRM188R71H222KA01D	YES	YES
C26	1	Capacitor, MLCC, 50 V, C0G	680 pF	±5	0603CAP	Murata	GRM1885C1H681JA01D	YES	YES
J1	1	HEADER 4			HEADER_4P_0_2_RA	Würth Elektronik	691313510004*	YES	YES
J2	1	HEADER 6			HEADER_6P_0_2_RA	Würth Elektronik	691313510006*	YES	YES