

OpenServoCAN_Ver_2_BOM_Power_Board_V_1_0_1

Part	Value	Device	Package	Description	Shopping Link	Datasheet
C101	220n	CL10A224KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A224KB8NNNC	CL10A224KB8NNNC
C102	220n	CL10A224KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A224KB8NNNC	CL10A224KB8NNNC
C103	10u	GRM155R60J106ME15D	0402_C	Standard 0402 Capacitor with European Symbol	GRM155R60J106ME15D	GRM155R60J106ME15D
C104	10u	GRM155R60J106ME15D	0402_C	Standard 0402 Capacitor with European Symbol	GRM155R60J106ME15D	GRM155R60J106ME15D
C105	100n	GCM155R71H104KE02J	0402_C	Standard 0402 Capacitor with European Symbol	GCM155R71H104KE02J	GCM155R71H104KE02J
C106	100n	GCM155R71H104KE02J	0402_C	Standard 0402 Capacitor with European Symbol	GCM155R71H104KE02J	GCM155R71H104KE02J
C107	100n	GCM155R71H104KE02J	0402_C	Standard 0402 Capacitor with European Symbol	GCM155R71H104KE02J	GCM155R71H104KE02J
C108	10u	GRM155R60J106ME15D	0402_C	Standard 0402 Capacitor with European Symbol	GRM155R60J106ME15D	GRM155R60J106ME15D
C109	10u	GRM155R60J106ME15D	0402_C	Standard 0402 Capacitor with European Symbol	GRM155R60J106ME15D	GRM155R60J106ME15D
C110	1u	CL10A105KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A105KB8NNNC	CL10A105KB8NNNC
C111	1u	CL10A105KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A105KB8NNNC	CL10A105KB8NNNC
C112	1u	CL10A105KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A105KB8NNNC	CL10A105KB8NNNC
C113	1u	CL10A105KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A105KB8NNNC	CL10A105KB8NNNC
C114	1u	CL10A105KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A105KB8NNNC	CL10A105KB8NNNC
C115	1u	CL10A105KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A105KB8NNNC	CL10A105KB8NNNC
C116	1u	CL10A105KB8NNNC	0603_C	Standard 0603 Capacitor with European Symbol	CL10A105KB8NNNC	CL10A105KB8NNNC
C117	10n	GCM155R71H103KA55D	0402_C	Standard 0402 Capacitor with European Symbol	GCM155R71H103KA55D	GCM155R71H103KA55D
C118	470p	CC1206JRNPO0BN471	1206_C	Standard 1206 Capacitor with European Symbol	CC1206JRNPO0BN471	CC1206JRNPO0BN471
C119	47p	CC1206JRNPO0BN470	1206_C	Standard 1206 Capacitor with European Symbol	CC1206JRNPO0BN470	CC1206JRNPO0BN470
C120	47p	CC1206JRNPO0BN470	1206_C	Standard 1206 Capacitor with European Symbol	CC1206JRNPO0BN470	CC1206JRNPO0BN470
D101	DDZ12CSF-7	DDZ12CSF-7	SOD-323	Zener Diodes 500mW 12.05V Zener 0.07uA 11.20	DDZ12CSF-7	DDZ12CSF-7
D102	PMEG4010ESBYL	PMEG4010ESBYL	DSN1006-2	40 V, 1 A low VF MEGA Schottky	PMEG4010ESBYL	PMEG4010ESBYL
D103	TVS2701DRBR	TVS2701DRBR	VSON-8-DRB0008A	TVSxx01 Series of Texas Instruments Fast-Clamp TVS	TVS2701DRBR	TVS2701DRBR
D104	TVS2700DRVR	TVS2700DRVR	WSON-6	TVSxx00 Series of Texas Instruments Fast-Clamp TVS	TVS2700DRVR	TVS2700DRVR
IC101	MCP14700-E/MF	MCP14700-E/MF	DFN_8_3X3X09_MF	Dual Input Synchronous MOSFET Driver	MCP14700-E/MF	MCP14700-E/MF
IC102	MCP14700-E/MF	MCP14700-E/MF	DFN_8_3X3X09_MF	Dual Input Synchronous MOSFET Driver	MCP14700-E/MF	MCP14700-E/MF
IC103	LDO40LPURY	LDO40LPURY	DFN6-3X3	400 mA, 38 V low-dropout regulator	LDO40LPURY	LDO40LPURY
IC104	INA226AIDGSR	INA226AIDGSR	VSSOP-10	Bi-DirectionalCurrentand PowerMonitor with I²C	INA226AIDGSR	INA226AIDGSR
IC105	ATA6560-GBQW-N	ATA6560-GBQW-N	VDFN-8-EP	High-Speed CAN Transceiver – CAN FD Ready	ATA6560-GBQW-N	ATA6560-GBQW-N
J101	10132797-035100LF	10132797-035100LF	10132797-035100LF	Amphenol BergStak ® 0.5mm Mezzanine Connector	10132797-035100LF	10132797-035100LF
J102	504255	504255	504255	Header 4 Pin Male Black SMT Right-Angle by ERNI	504255	504255
R101	10	ERJ-2RKF10R0X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF10R0X	ERJ-2RKF10R0X
R102	10	ERJ-2RKF10R0X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF10R0X	ERJ-2RKF10R0X
R103	10	ERJ-2RKF10R0X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF10R0X	ERJ-2RKF10R0X
R104	10	ERJ-2RKF10R0X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF10R0X	ERJ-2RKF10R0X
R105	1K	ERJ-2RKF1001X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1001X	ERJ-2RKF1001X
R106	1K	ERJ-2RKF1001X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1001X	ERJ-2RKF1001X
R107	1K	ERJ-2RKF1001X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1001X	ERJ-2RKF1001X
R108	1K	ERJ-2RKF1001X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1001X	ERJ-2RKF1001X
R109	100K	ERJ-2RKF1003X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1003X	ERJ-2RKF1003X
R110	100K	ERJ-2RKF1003X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1003X	ERJ-2RKF1003X
R111	100K	ERJ-2RKF1003X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1003X	ERJ-2RKF1003X
R112	TLR2HWDTE4L00F75	TLR2HWDTE4L00F75	TLR2HW	TLR2HB Current Sense Resistor Series	TLR2HWDTE4L00F75	TLR2HWDTE4L00F75
R113	31K6	ERJ-2RKF3162X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF3162X	ERJ-2RKF3162X
R114	10K	ERJ-2RKF1002X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1002X	ERJ-2RKF1002X
R115	100K	ERJ-2RKF1003X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1003X	ERJ-2RKF1003X
R116	10	ERJ-2RKF10R0X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF10R0X	ERJ-2RKF10R0X
R117	10	ERJ-2RKF10R0X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF10R0X	ERJ-2RKF10R0X
R118	220	ERJ-2RKF2200X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF2200X	ERJ-2RKF2200X
R119	100K	ERJ-2RKF1003X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1003X	ERJ-2RKF1003X
R120	100K	ERJ-2RKF1003X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1003X	ERJ-2RKF1003X
R121	1K	ERJ-2RKF1001X	0402_R	Standard 0402 Resistor with American Symbol	ERJ-2RKF1001X	ERJ-2RKF1001X

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Part	Value	Device	Package	Description	Shopping Link	Datasheet
T101	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1	PG-TSDSON-8-33-INF	N-Channel 60 V OptiMOS™	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1
T102	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1	PG-TSDSON-8-33-INF	N-Channel 60 V OptiMOS™	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1
T103	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1	PG-TSDSON-8-33-INF	N-Channel 60 V OptiMOS™	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1
T104	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1	PG-TSDSON-8-33-INF	N-Channel 60 V OptiMOS™	IAUZ40N06S5N050ATMA1	IAUZ40N06S5N050ATMA1
T105	SIS443DN-T1-GE3	SIS443DN-T1-GE3	POWERPAK-1212-8-S	P-Channel 40 V (D-S) MOSFET	SIS443DN-T1-GE3	SIS443DN-T1-GE3
T106	SIS443DN-T1-GE3	SIS443DN-T1-GE3	POWERPAK-1212-8-S	P-Channel 40 V (D-S) MOSFET	SIS443DN-T1-GE3	SIS443DN-T1-GE3
T107	UMX1NFHATN	UMX1NFHATN	SC-70-6	UMX1NFHA	UMX1NFHATN	UMX1NFHATN