



Comment	Description	Designator	Footprint	LibRef	Quantity
ST232CDR	ST232CDR, Line Transceiver, EIA/TIA-232, RS-232, V.28 2-TX 2-RX 2-TRX, 5V, 16-Pin SOP	B2	SOIC127P600X175-16N	ST232CDR	1
220uF	Nichicon 220uF 16 V Aluminium Electrolytic Capacitor SMD, WT Series 1000h 6.3 (Dia.) x 7.7mm	C1, C21	CAPAE660X820N	UWT1C221MCL1GS	2
Cap	Capacitor	C2, C3, C4, C5, C11, C12, C13, C14, C18, C19, C20, C22, C25, C26	CAPC2012X140N	Cap	15
33uF	Capacitor Polarised	C6	UWX(5)	UCL1E330MCL6GS	1
865090640004	Würth Elektronik 470nF 50 V dc Aluminium Electrolytic Capacitor, WCAP-ASLU Series 1000h 5.5 (Dia.) x 3.85mm	C14	CAPAE430X550N	865090640004	1
ATA6560-GAQW	High-speed CAN Transceiver with Standby Mode	CAN1	SOIC127P600X180-8N	ATA6560-GAQW	1
5504F1-09P-02A-03	Connector	CAN_J, LIN_J, RS232_J	5504F1-09P-02A-03	5504F1-09P-02A-03	3
RB160M-40TR	ROHM - RB160M-40TR - DIODE, SCHOTTKY	D1, D7, D9	PMDU	RB160M-40TR	3
BZV55-C24_115	NXP BZV55-C24,115 Zener Diode, 24V 5% 0.5 W SMT 2-Pin MiniMELF	D8	BZV55C11115	BZV55-C24_115	1
MMBZ27VCLT1G	ON SEMICONDUCTOR - MMBZ27VCLT1G - DIODE, ZENER, 27V, 0.225W	D10, D11, D12	SOT96P237X111-3N	MMBZ27VCLT1G	3
OSTTA030161	Connector	I2C_J	SHDR3W110P0X500_1X3_1500X900X1290P	OSTTA030161	1
LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	L0, L2	3.2X1.6X1.1	LED2	2
LED3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	L3	3.2X1.6X1.1	LED2	1
MCP2021AT-500E_SN	LIN Transceivers LIN Transceiver + 5.0V LDO	LIN1	SOIC127P600X175-8N	MCP2021AT-500E_SN	1
TXS0101DCKR	Integrated Circuit	MISO, MOSI, SCK, SS	SOT23-6_N	TXS0101DCKR	4
Header 6	Header, 6-Pin	PICKIT4	HDR1X6	Header 6	1
PWR2.5	Low Voltage Power Supply Connector	PWR	KLD-0202	PWR2.5	1
Res3	Resistor	R0, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R75, R76, R77	RESC2012X60	Res3	19
1101M2S3CQE2	Switch	S1	1000-SERIES(SPDJ)	1101M2S3CQE2	1
COM-12992	Switch	S2	COM12992	COM-12992	1
BD01	Switch	S3, S4	DIP762W61P254L457H772Q2N	BD01	2
PIC18F26K83-I_SS	MICROCHIP - PIC18F26K83-I/SS - MCU, 8BIT, PIC18, 64MHZ, SSOP-28	uC1	SOP65P780X200-28N	PIC18F26K83-I_SS	1
LED1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	USB	3.2X1.6X1.1	LED2	1
47346-0001	Connector	USB_J	47346-0001	47346-0001	1
FT4222HQ-C-T	Integrated Circuit	USB_U	QFN50P500X500X100-33N-D	FT4222HQ-C-T	1
L7805CD2T-TR	Integrated Circuit	Vreg	TO254P1542X460-3N	L7805CD2T-TR	1
XTAL	Crystal Oscillator	Y1, Y2	HC-49-S_1	XTAL	2