

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF 25V	Multilayer Ceramic Capacitor, 0.1 uF, 25 V, ±½ 10%, X7R, 0603 [1608 Metric]	C100, C101, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C121, C122, C123	Cap cer 0603	GCM188R71E104KA57D	16
1uF 25V	Ceramic Capacitor, Multilayer, Ceramic, 25V, 10% +Tol, 10% - Tol, X7R, 15% TC, 1uF, Surface Mount, 0603	C102, C103, C104, C105, C119, C120	Cap cer 0603	GCM188R71E105KA64J	6
36pF	Cap Ceramic 36pF 50V COG 5% SMD 0603 125C T/R	C106, C107	Cap cer 0603	GRM1885C1H360JA01D	2
9PIN	Conn D-Subminiature SKT 9 POS 2.74mm Solder RA Thru-Hole 9 Terminal 1 Port Tray	D-SUB100	D-SUB	5747844-6	1
Ferrite Beads Multi-Layer 390Ohm 25% 100MHz 500mA 300mOhm DCR 0603 Automotive T/R	Ferrite Beads Multi-Layer 390Ohm 25% 100MHz 500mA 300mOhm DCR 0603 Automotive T/R	FB100	FERRITE BEAD 0603	Ferrite Bead	1
HDR2X7 2.54mm	Board Connector, 4 Contact(s), 1 Row(s), Male, Straight, Solder Terminal,	H100	HDR2X7	HDR2X7	1
XH2.54	CONNECTOR HEADER, XH SERIES, 2 POSITION, 2.50MM, Press-Fit Solder, Detent Lock, Natural	H101	XH2.54	B4B-XH-A	1
HEADER 2P 2.54	CONNECTOR HEADER, XH SERIES, 2 POSITION, 2.50MM, Press-Fit Solder, Detent Lock, Natural	H102	HEADER 2P 2.544	B2B-XH-A(LF)(SN)	1
3K3	Res Thick Film 0603 10K Ohm 5% 1/10W ±200ppm/°C SMD Paper T/R	R100, R101, R102, R103, R104, R105, R106, R107, R108, R109	Res 0603	Resistor 10K	10
22R	Res Thick Film 0603 22 Ohm 5% 1/10W ±200ppm/°C Molded SMD SMD Paper Tape on Plastic Reel	R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R142	Res 0603	Resistor 22R	28
0R	Res Thick Film 0603 22 Ohm 5% 1/10W ±200ppm/°C Molded SMD SMD Paper Tape on Plastic Reel	R137, R138, R139, R140, R141	Res 0603	Resistor 22R	5
SMCJ5.0A-13-F	SMCJ5.0A Series 1500W 5.0 V Surface Mount Uni-Directional TVS Diode - DO-214AB	TVS100, TVS101, TVS102, TVS103, TVS104, TVS105, TVS106, TVS107, TVS108, TVS109, TVS110, TVS111, TVS112, TVS113	TVS 5V	SMCJ5.0A-13-F	14
MAX3221EEUE+	MAX3221 Series 250 kbps 5.5V Surface Mount RS-232 Transceiver - TSSOP-16	U100	max3221	MAX3221EEUE+	1
TMS320F28027PTT	C2000™ 32-bit MCU with 60 MHz, 64 KB flash 48-LQFP -40 to 105	U101	TMS320F28027PTT	TMS320F28027PTT	1
AT24C04D-SSH-M-B	AT24C04D Series 4 Kb (512 x 8) 1.7 V SMT I2C Compatible Serial EEPROM - SOIC-8	U102	AT24C04D	AT24C04D-SSH-M-B	1
LM358DT	Operational Amplifier, 2-Channels, 1.1 MHz, 0.6 V/us, 3 V to 30 V, 8 Pins, SOIC	U103, U104, U105	LM358	LM358DT	3
B5B-XH-A(LF)(SN)	Connector Header, XH Series, 5 Position, 2.50mm, Through Hole, Press-Fit, Solder, Natural	XH100	XH2.54 5p	B5B-XH-A(LF)(SN)	1
10MHz	10 MHz ±20ppm Crystal 18pF 50 Ohms HC-49/US	Y100	Crystal 10Mhz	Crystal 10MHz	1