

CART:BC-1(AFE)-B0-14

Mouser #	Mfr. #	Manufacturer	REF	Description	Qty
505-MKP2D031001F00KI	MKP2D031001F00KI00	WIMA	C1,C5,C7,C17,C18	Film Capacitors 0.1 uF 100 VDC 10%	5
647-UES1H100MPM	UES1H100MPM	Nichicon	C2,C16	Aluminum Electrolytic Capacitors - Radial Leaded 50volts 10uF 85c 8x11.5 3.5LS	2
647-UPW2A101MHD	UPW2A101MHD	Nichicon	C3,C19	Aluminum Electrolytic Capacitors - Radial Leaded 100volts 100uF AEC-Q200	2
80-F612JT105J100R	F612JT105J100R	KEMET	C4,C11	Film Capacitors 100V 1uF 5%	2
647-UES1H221MHM	UES1H221MHM	Nichicon	C6	Aluminum Electrolytic Capacitors - Radial Leaded 50volts 220uF 85c 16x25 7.5LS	1
594-K221J10C0GH5UH5	K221J10C0GH5UH5	Vishay	C8	Multilayer Ceramic Capacitors MLCC - Leaded 220pF 100volts 5% 5.0mm COG	1
594-K101J15C0GH5UH5	K101J15C0GH5UH5	Vishay	C9,C10,C15	Multilayer Ceramic Capacitors MLCC - Leaded 100pF 100volts 5% 5.0mm COG	3
647-UKA1E102MPD1TD	UKA1E102MPD1TD	Nichicon	C12	Aluminum Electrolytic Capacitors - Radial Leaded 25V 1000uF AEC-Q200	1
594-K471J15C0GH53H5H	K471J15C0GH53H5H	Vishay	C13	Multilayer Ceramic Capacitors MLCC - Leaded 470pF 100volts 5% High Temp	1
80-C317C270K2G-TR	C317C270K2G5TA7301	KEMET	C14	Multilayer Ceramic Capacitors MLCC - Leaded 27pF 200volts 5% COG 5.03mm LS	1
512-1N4149	1N4149	onsemi	D1-D10	Diodes - General Purpose, Power, Switching Hi Conductance Fast	10
649-68002-103HLF	68002-103HLF	FCI / Amphenol	H1	Headers & Wire Housings 3POS HDR 30AU	1
571-3-641215-8	3-641215-8	TE Connectivity	P1	Headers & Wire Housings FRICTION LCK HDR 8P Straight Post gold	1
538-22-11-2082	22-11-2082	Molex	P1(ALT)	Headers & Wire Housings VERT PCB HDR 8P GOLD FRICTION LOCK	1
583-2N5401-F	2N5401-F	Rectron	Q1,Q2,Q3,Q8,Q9	Bipolar Transistors - BJT PNP 0.6A 150V Transistor	5
512-KSA1381ESTU	KSA1381ESTU	onsemi	Q4,Q7,Q11	Bipolar Transistors - BJT PNP Si Transistor Epitaxial	3
863-MJE243G	MJE243G	onsemi	Q5	Bipolar Transistors - BJT 4A 100V 15W NPN	1
863-BD787G	BD787G	onsemi	Q5(ALT)	Bipolar Transistors - BJT 4A 60V 15W NPN	1
512-KSC3503DS	KSC3503DS	onsemi	Q6,15	Bipolar Transistors - BJT NPN Epitaxial Sil	2
512-2N5551TF	2N5551TF	onsemi	Q10,Q12,Q13,Q14,Q16	Bipolar Transistors - BJT NPN Transistor General Purpose	5
603-MFR-25FRF52-270R	MFR-25FRF52-270R	YAGEO	R1	Metal Film Resistors - Through Hole 270 OHM 1/4W 1%	1
594-MBB02070C6209FCT	MBB02070C6209FCT00	Vishay	R2	Metal Film Resistors - Through Hole 0.6W 62ohm 1% 50ppm	1
652-3296X-1-102LF	3296X-1-102LF	Bourns	R3	Trimmer Resistors - Through Hole 3/8" 1Kohms Sealed Horizontal Adjust	1
603-MFR-25FTE52-470R	MFR-25FTE52-470R	YAGEO	R4,R13,R27	Metal Film Resistors - Through Hole 470 OHM 1/4W 1%	3
603-MFR-25FBF52-100K	MFR-25FBF52-100K	YAGEO	R5	Metal Film Resistors - Through Hole 100K OHM 1/4W 1%	1
603-MFR-25FTE52-22K	MFR-25FTE52-22K	YAGEO	R6,R7	Metal Film Resistors - Through Hole 22K OHM 1/4W 1%	2
603-MFR-25FTE52-2K2	MFR-25FTE52-2K2	YAGEO	R8,R29	Metal Film Resistors - Through Hole 2.2K OHM 1/4W 1%	2
660-MOS1C8220J	MOS1C8220J	KOA Speer	R9,R28	Metal Oxide Resistors 22 ohm 5% 1W	2
603-MFR-25FTE52-4K7	MFR-25FTE52-4K7	YAGEO	R10	Metal Film Resistors - Through Hole 4.7K OHM 1/4W 1%	1
71-CMF601K0000DEEB	CMF601K0000DEEB	Vishay	R11	Metal Film Resistors - Through Hole 1W 1Kohms .5%	1
71-CMF6012K700FKEB	CMF6012K700FKEB	Vishay	R12	Metal Film Resistors - Through Hole 1W 12.7Kohms 1%	1
594-MBB02070C1200FCT	MBB02070C1200FCT00	Vishay	R14,R26	Metal Film Resistors - Through Hole .6w 120ohms 1%	2
603-MFR-25FTE52-68R	MFR-25FTE52-68R	YAGEO	R15	Metal Film Resistors - Through Hole 68 OHM 1/4W 1%	1
603-MFR-25FTE52-1M	MFR-25FTE52-1M	YAGEO	R16	Metal Film Resistors - Through Hole 1M OHM 1/4W 1%	1
603-MFR-25FTE52-4R7	MFR-25FTE52-4R7	YAGEO	R17	Metal Film Resistors - Through Hole 4.7 OHM 1/4W 1%	1
594-MBB02070C4708FCT	MBB02070C4708FCT00	Vishay	R17(ALT)	Metal Film Resistors - Through Hole .6w 4.7ohms 1%	1
603-MFR-25FRF52-220R	MFR-25FRF52-220R	YAGEO	R18,R19,R30,R31	Metal Film Resistors - Through Hole 220 OHM 1/4W 1%	4
71-CMF6015K000FKEK	CMF6015K000FKEK	Vishay	R20	Metal Film Resistors - Through Hole 1W 15Kohms 1%	1
603-MFR-25FTE52-680R	MFR-25FTE52-680R	YAGEO	R21	Metal Film Resistors - Through Hole 680 OHM 1/4W 1%	1
603-MFR-25FRF521K	MFR-25FRF52-1K	YAGEO	R22,R33	Metal Film Resistors - Through Hole 1K ohm 1/4W 1%	2
603-MFR-25FBF52-28K	MFR-25FBF52-28K	YAGEO	R23	Metal Film Resistors - Through Hole 28K OHM 1/4W 1%	1
603-MFR-25FTE52-100R	MFR-25FTE52-100R	YAGEO	R24,R25	Metal Film Resistors - Through Hole 100 OHM 1/4W 1%	2
594-MBB02070C2209FCT	MBB02070C2209FCT00	Vishay	R32	Metal Film Resistors - Through Hole .6w 22ohms 1%	1
571-282844-2	282844-2	TE Connectivity	TB1	Fixed Terminal Blocks PCB MOUNT 90 2P	1
538-22-01-2027	22-01-2027	Molex	TB1(ALT1)	Headers & Wire Housings HSG 2P WITH LKG RAMP	1
534-4953	4953	Keystone Electronics	TP1-3	Circuit Board Hardware - PCB PCB TEST POINT .512	3
538-10-11-2024	10-11-2024	Molex	TB1(ALT2)	Headers & Wire Housings KK 100 Housing Crimp Pol Ramp 2 Ckt	1
538-08-65-0816	08-65-0816	Molex		Headers & Wire Housings CRIMP TERM SEL GLD 22-30 AWG	10
538-22-01-2087	22-01-2087	Molex		Headers & Wire Housings HSG 8P WITH LKG RAMP	1
710-971050321	971050321	Würth Elektronik		Standoffs & Spacers WA-SSTIE M M 3x5mm SW 5.5	4
534-4688	4688	Keystone Electronics		Screws & Fasteners NYLON HEX NUT	4
855-M7581-05	M7581-05	Harwin		Headers & Wire Housings JUMPER SOCKET OPEN TOP RED	1