Item									
	Part Description	Supplier	Part Number	Number Needed Per LVE/MSA		Units Per Order	Total Price		Notes
	7.2V 3000 mAh	All-Battery	11204-01	1	\$15.99	1	\$15.99	Battery	
Chassis	Battery charger	All-Battery	1009	1	\$7.99	1	\$7.99		
Chassis	Female Tamiya Connector	All-Battery	80000-4	2	\$1.69	1	\$3.38	Batteries to Chassis 18 AWG Wire	
	Male Tamiya Connector	All-Battery	80001-4	1	\$1.69	1	\$1.69	Charger to Chassis 18 AWG Wire	
	Terminal Block	Digikey	A98503-ND	3	\$0.59	1	\$1.77	Terminal Block for Battery/charger/chassis	
	3 Position Switch	Digikey	EG4813-ND	1	\$3.32	11	\$3.32	Power Switch for MSA	
Chassis	Power Connector to RF Board	Digikey	WM3700-ND	1	\$0.63	1	\$0.63		
Chassis	Inserts for RF Power Connector	Digikey	WM3116CT-ND	2	\$0.35	1	\$0.70		
Chassis	Connectors to Terminal Block	Digikey	A27449-ND	20	\$0.55	1	\$11.06		
Chassis	Connectors to switch	Digikey	A100888CT-ND	3	\$0.07	1	\$0.21		
	RP-SMA to RP-SMA RF Cable	Digikey	CSA-RPSM-216-RSFB-ND	1	\$9.16	1	\$9.16		
Chassis	Casters	Home Depot	9392	2	\$2.98	1	\$5.96	Caster Wheels	
Chassis	Velcro® brand Sticky-Back® Industrial Tape 2" x 18"	Home Depot	N/A	1	\$2.97	1	\$2.97	Velcro for RF Board, Battery Pack	
	Aluminum Panel (1/4"X12"X8")	McMaster-Carr	8975K445	1	\$14.70	1	\$14.70	Bottom Pannel	
Chassis	Aluminum Panel (1/4"X12"X12")	McMaster-Carr	8975K446	1	\$19.00	1	\$19.00	Bottom Pannel	Emergency Order
Chassis	1/4"-20 x1/2" Button Head Cap Screw	McMaster-Carr	92949A537	1	\$5.70	50	\$5.70	Attach Sides, Base & Moter Mounts	*Only 28 needed
Chassis	Steel Square Rod (1/2"x1/2"x12")	McMaster-Carr	9143K171	3	\$3.48	1	\$10.44	Uprights	
Chassis	Smooth Finish Polyethylene White (1/8"x12"x36")	McMaster-Carr	8752K311	1	\$12.85	1	\$12.85	Side panels	
hacric	Aluminum Spacers (1"x1/4"x0.115")	McMaster-Carr	92510A098	12	\$0.37		\$4.44	Spacers for lifting PC boards	
	Steel Bar 1/2"x1"x12"	McMaster-Carr	8910K699	12	\$8.72	1	\$8.72	Bars in bed for MSA and body panel attachement	
		McMaster-Carr	92949A239	1	6.32	100	\$6.72	#10-24 X 5/16" to attach casters	Only Need 8
	Socket Cap Screws							# 10-24 X 5/ 16" to attach casters	Unity Need 8
	Nuts Zinc-Plated Steel 4-40 1/4" 3/32" 100	McMaster-Carr	90480A005	1	\$0.81	100	\$0.81		
	Flat Socket Head Cap Screw 4-40 10 Pack	McMaster-Carr	90585A204	1	\$3.85	10	\$3.85		
	Fuse Holder	Mouser	576-03540601ZXGY	2	\$0.71	1	\$1.42	Fuse Holder for Main and MSA Power	Is MSA Needed?
	12A Fuse for Main Power	Mouser	576-0311012.H	1	\$0.32	1	\$0.32	1	
hassis	500mA Fuse for RF	Mouser	576-0312.500MXP	1	\$0.21	1	\$0.21	1	
hassis	Steel Threaded Rod 4-40, 2ft	MSC	4352167	1	\$1.82	1	\$1.82	To hold lifted PC boards in place	*Only Need 16"
	25' - 18 AWG Power Black/Red Zip Cable	Radio Shack	278-567	1	\$7.99	1	\$7.99	Power Cabling	Comes in 1ft increments, min of 10 ft, tbd amount per LVE required
hassis	154 to 1 Ratio Gear Motor	Pololu	1109	2	\$19.95	1	\$39.90	Drive Motor	
hassis		Pololu	1435	1	\$9.95	1	\$9.95	Wheels/Tires/Hubs	
	Motor mount	Pololu	1138	2	\$6.95	2	\$6.95		
	Aluminum Project Enclosure	Radio Shack	270-238	1	\$2.99	1	\$2.99	Aluminum Project Enclosure	
	Controller	Amazon	270-230	1	\$12.99	- i	\$12.99	Controller	
			8975K445	4				PCB	
	2 X 3 PCB Diodes	Batch PCB Digikey	8975K445 497-4548-1-ND	1	\$15.00 \$0.62	- 1	\$15.00 \$4.96	PCB Diodes	
				8					
	PCB to motors	Digikey	ED2611-ND	1	\$0.41	1	\$0.41	Vout connector	
ontrol	Resistors 47kohm	Mouser	CR0603-JW-473GLF	2	\$0.02	1	\$0.04	Resistors	
	Resistors 100kohm	Mouser	CR0603-JW-104GLF	4	\$0.02	1	\$0.08	Resistors	
	Capacitors 0.1uf	Mouser	C1608X7R1H104M	7	\$0.05	1	\$0.35	Capacitors	
ontrol	Capacitors 0.01uf	Mouser	C1608X7R1H103M	3	\$0.03	1	\$0.09	Capacitors	
ontrol	Fuses for Motor Output	Mouser	RUEF250S	2	\$0.42	1	\$0.84	Resettable Fuse	
ontrol	Arduino Nano dev Board	Robot Shop	RB-Gra-01	1	\$34.99	1	\$0.00		
ontrol	Motor Controller	Sparkfun	COM-09479	2	\$2.95	1	\$5.90	H-Bridges	
Control	Female Header Row	Sparkfun	PRT-00115	2	\$1.50	1	\$3.00	Arduino Nano interface row	
	Male Header Row	Sparkfun	PRT-00116	1	\$2.50	1	\$2.50	Male Header row for Uart	
Control		Sparkfun	PRT-10367	1	\$1.50	1	\$1.50		
	Battery to PCB	Sparkfun	PRT-08235	1	\$1.56	1	\$1.56	Vin Connector	
ontrol		WOCCS Prototype	TRI GGESS	1	\$63.00	1	\$0.00	VIII GOTTILLEGI	
	MSA Main Board	BatchPCB	52056	1	\$15.00	1	\$15.00	MSA Control Board	Long lead time (1 month) Normally provides 2 boards
	MSA Chassis IO Board	BatchPCB	50564	1	\$5.00		\$5.00	MSA Chassis IO Board	Long lead time (1 month) Normally provides 2 boards
MSA	90 deg Solid Angle 1.5" x 1.5" Aluminum (Servo Bracket, Pinned Mount	Home Depot	6957831 (MSC Smaller Part)	4	\$10.88		\$10.88	L Bracket for Servo Mount, Pin Mounts	Student part for pin location, machining required.
	Press Fit Drawel Pin (Drawel Pin)	McMaster-Carr	98381A542	4	\$10.00	50	\$10.00		
								Chassis Mounting Dowel Pins	Requires machining: hole drilled
	Hairpin Cotter Pin (Cotter Pin)	McMaster-Carr	98335A062	4	\$9.90	100	\$9.90	Chassis Mounting Cotter Pins	
	Washer Spacers (Washer Spacer)	McMaster-Carr	90295A456	3	\$3.92	50	\$3.92	1/4" x .05" washer spacer, Nylon 6/6	
MSA	Clevis Pins (Clevis Pin)	McMaster-Carr	98330A135	3	\$4.11	10	\$4.11	1/4" x 1" clevis pin, adjustable length	
MSA	Plate Mounting Screws 1/4-20 x .75" Hex Head	ME Shop		10	\$0.00		\$0.00	Mounting brackets to plate, from shop	Available in ME shop
MSA	Mounting Nuts 1/4-20 Plain (Plate Mount Nuts)	ME Shop		8	\$0.00		\$0.00	Mount to Mounting Plate, from shop	Available in ME shop
MSA	Servo Mounting Screws 4-40 x .5" Hex Head	ME Shop		8	\$0.00		\$0.00	Mounting servo to brackets, from shop	Available in ME shop
MSA	Mounting Nuts 4-40 Plain (Servo Mount Nuts)	ME Shop		8	\$0.00		\$0.00	Mounting to Servo Bracket, from shop	Available in ME shop
MSA	Board to Board / Mezzanine Connectors REC 1X12P VRT T/H	Mouser	6-535541-0	1	\$1.90	1	\$1.90	Headers for Daughter Card	12 pin header
MSA	Break Away Headers - Straight	Mouser	69190-110HLF	5	\$0.35	1	\$1.75	Headers for Main Board and IO	10 pins
	Headers & Wire Housings 20P 4-WALL HEADER STRAIGHT 10U AU	Mouser	D2520-6002-AR	1	\$1.23	i	\$1.23	Header for IO Bus	
MSA	Cables (Cable Assemblies) 20P 6 SKT - SKT 28AWG STRANDED PVC	Mouser	1M-1010-020-3365-006 0-00-AR-00-0	1	\$3.84	<u> </u>	\$3.84	Connection Retween Main Board And Chassis	<del>                                     </del>
	Screw Terminals 3.5mm Pitch (2-Pin)	Sparkfun	PRT-08235	i	\$3.64	i	\$3.64	Terminal for Batt Wires	
	PTC Resettable Fuses 0.05A 30V 1210	Mouser	1210L005WR	1	\$0.23	- i	\$0.23	PTC Fuse for uC	
MSA MSA				1		1			
	PTC Resettable Fuses 24V 1.5A-HD 40A MAX	Mouser	1812L150/24MR	1	\$0.34		\$0.34	PTC Fuse for Servos	
MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 16volts 0.10uF	Mouser	C1608X7R1C104M	3	\$0.03	1	\$0.09	Decoupling Caps	
MSN	DC/DC Switching Converters 3A 28V In Step Down SWIFT DC/DC Cnvrtr	Mouser	TPS54331D	1	\$0.00	1	\$0.00	Switching Power Supply	
	Thick Film Resistors - SMD 0603 10KOHMS 5% 1/10WATT	Mouser	CR0603-JW-103ELF	1	\$0.02	1	\$0.02	R1	
		Mouser	C1608C0G1H151J	1	\$0.03	1	\$0.03	C7	
MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 150pF 50volts (		C1608X7R1H221M	1	\$0.03	1	\$0.03	C6	
MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 220pF X	Mouser				11	\$0.04	C5	
MSA MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 150pF 50volts ( Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 220pF 3 Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 0.015u	Mouser	C1608X7R1H153M	1	\$0.04				
MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 220pF.) Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 0.015ul Power Inductors 3.3uH 30%	Mouser Mouser	SRU1028-3R3Y	1	\$1.00	1	\$1.00	L1	
MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 220pF x Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 0.015u	Mouser		1 1		1 1	\$1.00 \$0.71	L1 D1	
MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 220pF.) Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 0.015ul Power Inductors 3.3uH 30%	Mouser Mouser	SRU1028-3R3Y RSX501L-20TE25 593D686X9010C2TE3	1 1 1	\$1.00 \$0.71 \$2.11				
MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 6603 50volts 220pF . Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 0.015u Power Inductors 3.3u4 30% Schottky (Diodes & Rectifiers) SHOTTKY 25V 5A TR HIGH EFFICIENCY Tantalum Capacitors - Solid SMD 68uf 10volts 10% C case	Mouser Mouser Mouser Mouser	SRU1028-3R3Y RSX501L-20TE25	1 1 1 1	\$1.00 \$0.71		\$0.71	D1	
MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 200p. F Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0603 50volts 0.015u Power Inductors 3 3uH 30% Schottky (Dlodes & Bectifiers) SHOTIKY 25V 5A TR HIGH EFFICIENCY Tantalum Capacitors - Solid SMD 66uF 10volts 10% C case Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0605 X65 16V 10uF	Mouser Mouser Mouser Mouser Mouser	SRU1028-3R3Y RSX501L-20TE25 593D686X9010C2TE3 GRM21BC81C106KA73L	1 1 1 1 1 1	\$1.00 \$0.71 \$2.11 \$0.58		\$0.71 \$2.11 \$0.58	D1 C2	
MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 6603 Sovolts 220p 1 Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 6603 Sovolts 0.0 fisa Power Inductors 3. 3u4 30% Scholtty (Diodes & Rectifiers) SHOTTKY 25V 5A TR HIGH EFFICIENCY Tartalum Capacitors - Solid SMD 68u6 Tilovolts 10% Capacitors Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 6005 X65 16V 10uf Thick Film Resistors - SMD 1.8 TR 14 3 1 1 10W	Mouser Mouser Mouser Mouser Mouser Mouser	SRU1028-3R3Y RSX501L-20TE25 593D686X9010C2TE3 GRM21BC81C106KA73L CR0603-FX-1871ELF	1 1 1 1 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05	1 1	\$0.71 \$2.11 \$0.58 \$0.05	D1 C2 C9 R2	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Lapacitors (MLCC) - SMODSMT 6085 Shortls 220F Multilayer Ceramic Lapacitors (MLCC) - SMODSMT 6085 Shortls 220F Shortls (MLCS) - SMODSMT 6085 Shortls 0.015 shortly (MLCS) as As Excliredy SHOTIKY 25V 5A TR HIGH EFFICIENCY Farthalm Capacitors - Solid SMO 866F TRANSIT 50K - Coase Multilayer Ceramic Lapacitors (MLCC) - SMODSMT 6085 Shortly 10AF 10AF 10AF 10AF 10AF 10AF 10AF 10AF	Mouser	SRU1028-3R3Y RSX5011-20TE25 593De80K9010CZTE3 GRMZ1BC31C106KA73L CR0603-FX-1871EIF CR0603-W-203GIF	1 1 1 1 1 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02	1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02	D1 C2 C9 R2 R3	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MCC): SM079MT 6095 S0x01s 209F. Multilayer Ceramic Capacitors (MCC): SM079MT 6095 S0x01s 209F. Flower Inductors 3, 3x84 S076. S0xx1s (Machine Sand Sand Sand Sand Sand Sand Sand Sand	Mouser	SRU1028-3R3Y RSX5011-20T25 5930586X9010C2TE3 GRM21BC81C106KA73L CR0603-FX-1871E1F CR0603-W-203GLF CR0603-FX-3483E1F	1 1 1 1 1 1 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05	1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.02	D1 C2 C9 R2 R3 R6	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MCC) - SMO/SMT 6045 Shortls 220pf Multilayer Ceramic Capacitors (MCC) - SMO/SMT 6045 Shortls 0 210st Power Inductors 3.3xd 30% Schottly (Moles As electrifies) SHOTTING 29V 5AT IR HIGH EFFICIENCY Tartalum Capacitors - Solid SMO 86xF Tovolts 10% Coase Multiper Ceramic Capacitors (MCC) - SMO/SMT 6085 3x5 16V 10xF This A Film Resistors - SMO 128KF 18 1/10W This A Film Resistors - SMO 20X6MT 1/10WATF 5% This A Film Resistors	Mouser	SRU1028-3R3Y RSX5011-20T25 S93066X97010C2TE3 GRMZ1BC31C106KA731. CR0603-FX-1871EF CR0603-FX-3483EF SMAJ9.0CA-7P	1 1 1 1 1 1 1 1 1 2	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.21	1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.02 \$0.05	D1 C2 C9 R2 R3	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Lapacitors (MCC) - SM075MT 6085 S0x0ets 220FL Multilayer Ceramic Lapacitors (MCC) - SM075MT 6085 S0x0ets 220FL PROPER INJECTION 23, 2841 S076. STORT S0x0ets 2005 S0x0et	Mouser	SRI 1028 382Y RSSG01L-201E5 FS3D686AW0 (0.C7E2 FS3D686AW0 (0.C7E2 GRMC216C81C 1066A731 CR00637-X-103C4F CR00637-X-203C4F CR00637-X-303C4F SMAP (0.CA-7P CR00637-X-30C4F	1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.02 \$0.05	1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.42 \$0.04	D1 C2 C9 R2 R3 R6 D2, D3	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MICC) - SMO/SMI 6085 Shortis 2269 Multilayer Ceramic Capacitors (MICC) - SMO/SMI 6085 Shortis 2015 of 1940 Power Inductors 3. 3x81 930% Shortisty (Micoles & Bettliergs) SHOTIKY 289 5A TIR HIGH EFFICIENCY Tartalum Capacitors - Soild SMIO 868F TOWAIS 10% Coase Multilayer Ceramic Capacitors (MICC) - SMO/SMIT 6085 Ski 516V 10xF 10x6 Film Resistors - SMO 126K 11% 17/10W TIPS - SMO 126K 11% 17/10W TIPS - SMO 2000 CAMCHAT 17/10W TIPS - TIPS CAPACITORS - SMO 2000 CAMCHAT 17/10W TIPS - TIPS CAPACITORS - SMO 2000 CAMCHAT 17/10W TIPS - TIPS CAPACITORS - SMO 2000 CAMCHAT 17/10W TIPS - TIPS CAPACITORS - SMO 2000 CAMCHAT 17/10W TIPS - SMO 2000 CAMCHAT 17/10	Mouser	SR11028-382Y RSX5011-20125 593068659910C2TE3 593068659910C2TE3 GRM2TEGS1110684731 CR0003-FX-1871ELF CR0003-FX-393GLF CR0003-FX-393GLF CR0003-FX-393GLF CR0003-FX-393GLF SMAP-9-CA-7P CR0003-FX-3320ELF 596-8170-107F	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.21 \$0.04 \$0.10	1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.42 \$0.04	D1 C2 C3 R2 R3 R6 D2, D3 R8 RB ED1-dode for buck	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Lapacitors (MCC) - SM075MT 6085 S04015 2097. Multilayer Ceramic Lapacitors (MCC) - SM075MT 6085 S04015 2097. PROPER INJECTION 23, 2841 5095. SCHOOLST S04015 S	Mouser	\$80.1029-387Y \$X55011-20725 \$930680901027E3 GRAZTBGGTC1064A73 CROMD-FX-1871E1F CROMD-FX-1871E1F CROMD-FX-1871E1F SMAPLOCA-7P CROMD-FX-3432E1F \$98-8170-107F CROMD-FX-1822E1F	1 1 1 1 1 1 1 2 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.02 \$0.05 \$0.01 \$0.04 \$0.10 \$0.05	1 1 1 1 1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.42 \$0.04 \$0.10	D1 C2 C9 R8	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MICC) - SMO/SMIT 6083 Shortes 226P. Multilayer Ceramic Capacitors (MICC) - SMO/SMIT 6083 Shortes 10154 Power Inductors 3. 3ul 9 30% Shortesty (Miccase A sectifiency SHOTTIXY 25V 5A TR HIGH EFFICIENCY Taritatum Capacitors - Soild SMID 686F TOVOIS 109% C case Multilayer Ceramic Capacitors (MICC) - SMO/SMIT 6080 Ski 516V 10.6F TRIAS Film Resistors - SMO 120K MIT 1/100WATT 5% TRIAS Film Resistors - SMO 20XCMM 1/100WATT 5% TRIAS Film Resistors - SMO 20XCMM 1/100WATT 1%	Mouser	SSU1028-38TY RSS011-20TL25 SS030886091027E3 GRAZITERSC11508A731 CR0049-FX-1871EF CR0049-FX-1873E4F CR0049-FX-1873E4F CR0049-FX-1873E4F SMAMP-048-FP CR0049-FX-130EF SS8-8173-10TF CR0049-FX-130EF SS8-8173-10TF CR0049-FX-130EFF SS8-8173-10TF	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.02 \$0.02 \$0.04 \$0.10 \$0.04 \$0.10 \$0.05 \$0.36	1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.02 \$0.04 \$0.04 \$0.10 \$0.05 \$7.22	D1 C2 C3 R2 R3 R8 D2, D3 R8 D2, D3 R8 IED1-dode for buck R7 Link Material for Students	Student part for machining
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Lapacitors (MCC) - SM075MT 6085 S04015 2097. Multilayer Ceramic Lapacitors (MCC) - SM075MT 6085 S04015 2097. PROPER INJECTION 23, 2841 5095. SCHOOLST S04015 S	Mouser	\$80.1029-387Y \$X55011-20725 \$930680901027E3 GRAZTBGGTC1064A73 CROMD-FX-1871E1F CROMD-FX-1871E1F CROMD-FX-1871E1F SMAPLOCA-7P CROMD-FX-3432E1F \$98-8170-107F CROMD-FX-1822E1F	1 1 1 1 1 1 1 2 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.02 \$0.02 \$0.04 \$0.10 \$0.10 \$0.10 \$0.05 \$0.21	1 1 1 1 1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.42 \$0.04 \$0.10 \$0.05 \$7.22 \$9.83	D1 C2 G9 R2 R2 R8 R0 D2, B3 R0 D2, B3 R1 LED1-dode for brack R8 Lik Material for Students Mounting Flate, White	Requires machining: holes drilled
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MCC) - SMO/SMT 6083 Shorts 2209 Multilayer Ceramic Capacitors (MCC) - SMO/SMT 6083 Shorts 2015 01 FsM Power Inductors 3. 3x8 H 30% Shorts (MCC) - SMO/SMT 6083 Shorts 2015 10 FsM Shorts (MCC) - SMO/SMT 6083 Shorts 2015 10 FsM Shorts (MCC) - SMO/SMT 6085 Shorts 2015 01 FsM Shorts 10 FsM Shorts (MCC) - SMO/SMT 6085 Short 10 FsM Shorts - SMO 18 FsM Shorts 10 FsM Shorts 10 FsM Shorts - SMO 18 FsM Shorts 10 FsM Shorts 10 FsM Shorts - SMO 18 FsM Shorts - SMO 2000 SMO 11 FsM Shorts - SMO 2000 SMO	Mouser MSC Brinkman	\$801028-38Y 855011-28TEZ \$5930686090102TE3 \$6902478636110564733 \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$6002474-187916F	1 1 1 1 1 1 1 2 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05	1 1 1 1 1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.42 \$0.04 \$0.10 \$0.05 \$7.22 \$9.83 \$0.00	01	
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Capacitors (MCC) - SMO/SMT 6083 Shorts 2209 Multilayer Ceramic Capacitors (MCC) - SMO/SMT 6083 Shorts 2015 01 FsM Power Inductors 3. 3x8 H 30% Shorts (MCC) - SMO/SMT 6083 Shorts 2015 10 FsM Shorts (MCC) - SMO/SMT 6083 Shorts 2015 10 FsM Shorts (MCC) - SMO/SMT 6085 Shorts 2015 01 FsM Shorts 10 FsM Shorts (MCC) - SMO/SMT 6085 Short 10 FsM Shorts - SMO 18 FsM Shorts 10 FsM Shorts 10 FsM Shorts - SMO 18 FsM Shorts 10 FsM Shorts 10 FsM Shorts - SMO 18 FsM Shorts - SMO 2000 SMO 11 FsM Shorts - SMO 2000 SMO	Mouser MSC Brinkman	SSU1028-38TY RSS011-20TL25 SS030886091027E3 GRAZITERSC11508A731 CR0049-FX-1871EF CR0049-FX-1873E4F CR0049-FX-1873E4F CR0049-FX-1873E4F SMAMP-048-FP CR0049-FX-130EF SS8-8173-10TF CR0049-FX-130EF SS8-8173-10TF CR0049-FX-130EFF SS8-8173-10TF	1 1 1 1 1 1 1 2 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05	1 1 1 1 1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.42 \$0.04 \$0.10 \$0.05 \$7.22 \$9.83 \$0.00	01	Requires machining: holes drilled
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Lapacitors (MICC) - SM075MT 6085 Shortes 2009 / Multilayer Ceramic Lapacitors (MICC) - SM075MT 6085 Shortes (OTS) (MICC) - SM075MT 6085 SM075MT	Mouser	\$801028-38Y RSS601-20TL25 \$9305880901027E3 GRM27182GC1 (106A73); CR00203-FX 1971EF CR00203-FX 1971EF CR00203-FX 398EF SMAP DOL 7P CR0020-FX 337EF SMAP DOL 7P CR0020-FX 347EF SMAP DOL 7P SMAP DOL	1 1 1 1 1 1 1 2 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.02 \$0.02 \$0.04 \$0.10 \$0.10 \$0.10 \$0.05 \$0.21	1 1 1 1 1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.05 \$0.42 \$0.04 \$0.10 \$0.05 \$7.22 \$9.83	D1 C2 G9 R2 R2 R8 R0 D2, B3 R0 D2, B3 R1 LED1-dode for brack R8 Lik Material for Students Mounting Flate, White	Requires machining: holes drilled
MSA MSA MSA MSA MSA MSA MSA MSA MSA MSA	Multilayer Ceramic Lapacitors (MCC) - SMD/SMT 6085 Shorts 2204 Multilayer Ceramic Lapacitors (MCC) - SMD/SMT 6085 Shorts (D150 OF SMD MILE) CARE (MCC) - SMD/SMT 6085 Shorts (D150 OF SMD	Mouser Mo	\$801028-38Y 855011-28TEZ \$5930686090102TE3 \$6902478636110564733 \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$60024747-187916F \$6002474-187916F	1 1 1 1 1 1 1 2 1 1	\$1.00 \$0.71 \$2.11 \$0.58 \$0.05 \$0.05 \$0.05 \$0.05 \$0.05 \$0.05 \$0.05 \$0.04 \$0.10	1 1 1 1 1 1 1 1 1 1	\$0.71 \$2.11 \$0.58 \$0.05 \$0.02 \$0.02 \$0.05 \$0.42 \$0.04 \$0.10 \$0.05 \$7.22 \$9.83 \$0.00 \$0.00 \$0.00	D1 C2 G9 R2 R3 R0 R0 D2 R8 B0 D2 R8 B0 LED1-dode for brack R7 LMA Marterial Flars k, White Modern From White End defector, assembly comes with servi	Requires machining: holes drilled