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**SAT0009**

Designator	Quantity	Description	Manufacturer	PartNumber	Alternate Manufacturer	Alternate PartNumber
!PCB	1	Printed Circuit Board	Any	XX####	-	-
BT1	1	Battery Holder, CR2032, Retainer clip, TH	Memory Protection Devices	BS-7		
C20	1	CAP, CERM, 0.1uF, 10V, +/-10%, X7R, 0402	MuRata	GRM155R71A104KA01D		
C21	1	CAP, CERM, 47uF, 6.3V, +/-10%, X5R, 1206	MuRata	GRM31CR60J476KE19L		
C22, C23	2	CAP, CERM, 10uF, 6.3V, +/-20%, X5R, 0603	MuRata	GRM188R60J106ME47D		
C38	1	CAP, CERM, 1uF, 10V, +/-10%, X5R, 0402	MuRata	GRM155R61A105KE15D		
FID1, FID2, FID3	3	Fiducial mark. There is nothing to buy or mount.	N/A	N/A		
J2, J3	2	Header, 50mil, 2x1 TH	Major League Electronics	TBSTC-501-D-200-22-G-300-		
J6, J8, J9	3	Header, TH, 100mil, 1pos, Gold plated, 230 mil above insulator	Samtec, Inc.	TSW-101-07-G-S		
L5	1	Inductor, Shielded, Ferrite, 4.7uH, 1.2A, 0.14 ohm, SMD	Coilcraft	EPL3015-472MLB		
R16	1	RES, 1.0Meg ohm, 5%, 0.063W, 0402	Vishay-Dale	CRCW04021M00JNED		
R17	1	RES, 200k ohm, 5%, 0.063W, 0402	Vishay-Dale	CRCW0402200KJNED		
U2	1	SLIDE SWITCH DPDT .3A, SMT	E-Switch	EG1390B		
U3	1	LOW INPUT VOLTAGE STEP-UP CONVERTER IN 6 PIN SC-70 PACKAGE, DCK0006A	Texas Instruments	TPS61220DCK	None	

Notes:

Substitutions made according to Alternate PartNumber must meet datasheet parameters, not just the Description specified.

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