

APPROVALS		DATE	ionDesign Incorporated 4410 Shoalwood Austin, Texas 78756 Telephone: (512)260-5778			
DRAWN BY R. Young		10/5/2012				
DESIGNER	---	---	DRAWING TITLE Texas Instruments TPS61220			
CHECKER	---	---				
ENGINEER	---	---				
DO NOT SCALE DRAWING		SCALE: NONE	SIZE B	FSCM NO. ****	DRAWING NO. SAT0009	REV. E1

DESIGNED WITH ALTIUM DESIGNER

Bill of Materials

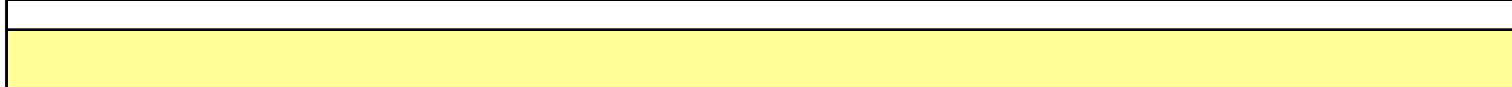
Texas Instruments

Source Data From: SAT0009 Rev E1.PrjPcb
 Project: SAT0009 Rev E1.PrjPcb
 Variant: None

Creation Date: 3/6/2013 10:39:07 AM
 Print Date: 41339 41339.44385

Footprint	Comment	LibRef	Designator	Description	Quantity
BATTHOLD-BS-7-CR2032	BS-7-ND	BS-7-ND	BT1	BATTERY HOLDER	1
C402-25RD	GRM155R71A104KA01D	GRM155R71A104KA01D	C20	CAP CER 0.1UF 10V 10% X7R	1
C1206-40X70	GRM31CR60J476KE19L	GRM31CR60J476KE19L	C21	CAP CER 47uF 6.3V 10% X5R	1
C603-35X45	GRM188R60J106ME47D	GRM188R60J106ME47D	C22, C23	CAP CER 10UF 6.3V 20% X5R	2
C402-25RD	GRM155R60J105KE19D	GRM155R60J105KE19D	C38	CAP CER 1UF 6.3V 10% X5R	1
JUMP1X2-3826-50CTR	TBSTC-501-D-200-22-G-300-LF	TBSTC-501-D-200-22-G-300-LF	J2, J3	Major League Elec .050x.050 cl Thicker Brd Stacker Term Strips - Custom	2
JUMP1X1-3826-50CTR	TSW-101-07-G-S	TSW-101-07-G-S	J6, J8, J9	CONN HEADER 1POS .100" SGL GOLD	3
EPL3015-INDUCTOR	EPL3015	EPL3015	L5	Power Inductor, Shielded, 20% Tol.	1
R402-25RD	CRCW04021M00JNED	CRCW04021M00JNED	R16	RES 1.0M OHM 1/16W 5%	1
R402-25RD	CRCW0402200KJNED	CRCW0402200KJNED	R17	RES 200K OHM 1/16W 5%	1
EG1390-SWITCH	EG1390B	EG1390B	U2		1
DCK6	TPS61220DCK	TPS61220DCK	U3		1
					16

Approved	Notes



Comment	Description	Designator	Footprint	LibRef
BS-7-ND	BATTERY HOLDER	BT1	BATTHOLD-BS-7-CR2032	BS-7-ND
GRM155R71A104KA01D	CAP CER 0.1UF 10V 10%	C20	C402-25RD	GRM155R71A104KA01D
TSW-101-07-G-S	CONN HEADER 1POS .1	C21, J6, J8, J9	JUMP1X1-3826-50CTR	TSW-101-07-G-S
GRM188R60J106ME47D	CAP CER 10UF 6.3V 20%	C22, C23	C603-35X45	GRM188R60J106ME47D
GRM155R60J105KE19D	CAP CER 1UF 6.3V 10%	C38	C402-25RD	GRM155R60J105KE19D
TBSTC-501-D-200-22-G-3	Major League Elec .050x.0	J2, J3	JUMP1X2-3826-50CTR	TBSTC-501-D-200-22-G-3
EPL3015	Power Inductor, Shielded,	L5	EPL3015-INDUCTOR	EPL3015
CRCW04021M00JNED	RES 1.0M OHM 1/16W 5%	R16	R402-25RD	CRCW04021M00JNED
CRCW0402200KJNED	RES 200K OHM 1/16W 5%	R17	R402-25RD	CRCW0402200KJNED
EG1390B		U2	EG1390-SWITCH	EG1390B
TPS61220DCK		U3	DCK6	TPS61220DCK

Quantity	Manufacturer	Manufacturer Part Number	Supplier 1	Supplier Part Number 1
1			Digi-Key	BS-7-ND
1		GRM155R71A10	Digi-Key	GRM155R71A104KA01D-ND
4	Samtec, Inc.		Digi-Key	SAM1029-01-ND
2		GRM188R60J10	Digi-Key	490-3896-2-ND
1		GRM155R60J10	Digi-Key	490-1320-2-ND
2	MAJOR LEAGUE	TBSTC-501-D-2		
1	Coilcraft	EPL3015-427ML		
1			Digi-Key	541-1.0MJCT-ND
1			Digi-Key	541-200KJDKR-ND
1			Digi-Key	EG4633TR-ND
1			Digi-Key	296-32505-2-ND