

TRAC PAC V BILL OF MATERIAL

MANUFACTURE'S PN	DESCRIPTION	REF DES	QTY	VENDOR
GRM188F50J225ZE01D	2.2uF, +80/-20%, 0603, 6.3V, Y5V capacitor	C14	1	Murata
GRM155R71E103KA01D	CAP CER 10000PF 25V 10% X7R 0402	C5, C6, C7, C8, C9, C10	6	Murata
0402YC223KAT2A	CAP CERM .022UF 10% 16V X7R 0402	C1, C2, C18	3	AVX
0402YD104KAT2A	CAP CERM .1UF 10% 16V X5R 0402	C12, C15	2	AVX
GRM1555C1H391JA01D	CAP CER 390PF 50V 5% C0G 0402	C4	1	Murata
GRM155R71H561KA01D	CAP CER 560PF 50V 10% X7R 0402	C3	1	Murata
C1608X5R0J475M	CAP CER 4.7UF 50V 10% 0603	C16	1	TDK Corp
GRM188R61C105KA93D	CAP CER 1.0UF 16V 10% X5R 0603	C11	1	Murata
CR05-103J-H	RESISTOR 10K 1/16W 5% 0402	R1	1	AVX
ERJ-2GEJ394X	RES 390K OHM 1/16W 5% 0402 SMD	R3	1	Panasonic ECG
MCR01MZPJ000	RES 0 OHM 1/16W 5% 0402	R4	1	ROHM
9C04021A1500FLHF3	RES 150 OHM 1/16W 1% 0402 SMD	R7	1	Yageo America
MCR01MZPF1003	RES 100K OHM 1/16W 1% 0402	R2	1	ROHM
ERJ-2RKF2260X	RES 226 OHM 1/16W 1% 0402 SMD	N/A	1	
ERJ-2RKF56R2X	RES 56.2 OHM 1/16W 1% 0402 SMD	R5,R6	2	Panasonic ECG
LL1005-FHR10J	100nH chip inductor, 5%, 0402	L1, L2	2	Toko
LL1005-FH2N7S	2.7nH chip inductor, +/-0.3nH, 0402	L3	1	Toko
MAX8881EUT33-T	Linear Regulator with POK, Low Dropout	U6	1	MAXIM
Si4112	INTEGRATED VCO/LOOP FILTER SYNTHESIZER	U1	1	Silicon Labs
CUSOM3391-10	10MHZ +/-25PPM CMOS CLOCK OSCILLATOR	U2	1	Crystek
ZXM61P02F	SINGLE P-CHANNEL FET	Q1	1	ZETEX
UPC2710TB	WIDE BAND DRIVER AMP	U3	1	NEC
MGA-82563	3V GaAS MMIC AMP	U4	1	AGILENT
LFCN-225	CERAMIC LOW PASS FILTER	FILT1, FILT2	2	MINICIRCUITS
NA##	FR4 PC BOARD 0.77"x0.72"	PBC	1	
C8051F303	IC 8051 MCU 8K FLASH 11MLP	U5	1	Silicon Labs

WBS #: PTS-0074 TPV antenna assy

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QTY TO BUILD: 1

				QTY			
				Ref	ITEM	QTY	REQ
LOCATION	STOCK #	VENDOR	DESCRIPTION	Des	#	PER	-
-	-	-	-----		-	-	
	PTS-0070	Texas Circuitry	PWB,TPV, antenna,small reed		1	1	1
150203	8960-0041	Sheffield	Res, chip, 0 ohm, TPV antenna	J1,J5	2	2	2
150193	8970-2003	Sheffield	Transistor, TPV ant, ZXM61P02F	Q2	3	1	1
170154	418813-0001	Sheffield	Contact,Pin, "D" conn	T1(+)	4	1	1
170144	808787-0001	Sheffield	Contact, Socket, "D" conn	T2(-)	5	1	1
120043	8950-0104	Hermetic Switch	Switch, Reed, Tiny, SM	S1	6	1	1
	PTS-0063	Sheffield, RES	Assy, TPV		7	1	1
150036	8997-0140	Sheffield	RES, chip, 10 Meg	R2	8	1	1
					9	1	0
					10	1	0
					11	1	0