

Project: Xact_PT V1 BOM Rev:7

Item #	JPN	Designator	Qty.	Description	UOM	Make or buy	Mfgr's Part Number
1	PCBA-001	PCBA	1	DMC Xact PT PCBA	EA	Make	
2	CPN059	ANT1	1	ANT PENTA-BAND SMD CERAMIC	EA	buy	PA25A
2	CPN036	C4, C18	2	CAP TANT 470 UF 10V 10% LOESR SMD	EA	buy	T495X477K010ZTE100
2	CPN053	C5, C10, C30, C	48	CAP,33PF,0402,50V,+/-5%,C0G(NP0)	EA	buy	GRM1555C1H330JZ01D
2	CPN041	C7, C8, C117, C	4	CERAMIC CAPACITOR, 0603 10UF 6.3V X5R 2	EA	buy	GRM188R60J106ME47D
2	CPN054	C12, C59, C60	3	CAPACITOR	EA	buy	GRM155R71C104KA88D
2	CPN056	C14, C24, C41, C	9	CAP,2.2UF,0603,10V,+/-10%,X7R	EA	buy	GRM188R71A225KE15D
2	CPN037	C31, C33, C38, C	6	CAPACITOR (CAP,0.01UF,0402)	EA	buy	C0402C103K3RACTU
2	CPN052	C35, C36	2	CAPACITOR(GRM1555C1H180JZ01D)	EA	buy	GRM1555C1H180JZ01D
2	CPN037	C102, C107, C1	5	CAPACITOR (CAP,0.01UF,0402)	EA	buy	C0402C103K3RACTU
2	CCPN064	C105	1	CAP,1.8PF,0402,50V,+/- .25PF,C0G(NP0)	EA	buy	GRM1555C1H1R8CZ01D
2	CCPN065	C106	1	CAP,15PF,0402,50V,+/-5%,C0G(NP0)	EA	buy	GJM1555C1H150JB01D
2	CPNN087	C56,C104,C108,	4	CAP,1uF,0402,10V,+/-10%,X5R	EA	buy	GRM155R61A105KE15D
2	CPN030	D1	1	DIODE, SCHOTTKY,30V 2A, SOD123F	EA	buy	PMEG3020EH
2	CPN027	D2, D9, D10, D1	4	LED BICOLOR HER/GN DIFF	EA	buy	HSMF-C165
2	CPN029	D7	1	DIODE ARRAY LO CAPACIT SOT23-6L	EA	buy	DALC208SC6
2	CPN028	D8	1	TRANSIL ARRAY QUAD ESD SOT23-6	EA	buy	ESDA6V1SC6
2	CCPN067	FB1	1	FILTER SAW 1.57GHZ GPS SMD	EA	buy	SAFEB1G57KE0F00R12
2	CPN025	J1	1	CONN, 3-PIN BATTERY CONNECTOR	EA	buy	BM03B-ACHSS-GAN-TF(LF)(SN)
2	CPN034	J2	1	CONN SIM CARD SLIDE-IN SMD	EA	buy	00 9162 006206175
2	CPN023	J3	1	CONN (UX60 SC-MB-5S8)	EA	buy	UX60SC-MB-5S8
2	CPN032	L1	1	SMT 0805 INDU CTOR 220NH	EA	buy	0805CS-221XJLC
2	CCPN068	L2	1	SMT 0402 INDUCTOR 6.8NH	EA	buy	0402CS-6N8XJLW
2	CCPN070	L4	1	INDUCTOR(4.7NH L W15AN4N7C00D)	EA	buy	LQW15AN4N7C00D
2	CPNN099	L5	1	FILTER CHIP 1000 OHM 250MA 0402	EA	buy	BLM15HD102SN1D
2	CPN021	Q1, Q2, Q3, Q4,	8	FET, NCH, 20V, 890 MA, SOT-723, NTK3134	EA	buy	NTK3134NT1G
2	CPN020	Q8	1	TRANSISTOR(FDN340P)	EA	buy	FDN340P
2	CPN050	R3	1	RES 1.74K OHM 1/16W 1% 0402 SMD	EA	buy	ERJ2RKF1471X
2	CPN045	R5, R6, R22, R3	10	RES 220 OHM 1/16W 5% 0402	EA	buy	ERJ2GEJ221X
2	CPNN088	R36	1	RES 261 OHM 1/10W 1% 0402	EA	buy	ERJ-2RKF2610X
2	CCPN072	R8, R66	2	RES 15 OHM 1/16W 5% 0402	EA	buy	MCR01MZPJ150
2	CPN047	R9, R13, R44	3	RESISTOR(ERJ-2GEJ330X)	EA	buy	ERJ2GEJ330X
2	CPN046	R10, R11, R39	3	RESISTOR(ERJ-2GEJ222X)	EA	buy	ERJ2GEJ222X
2	CPN043	R17, R18, R21, R	11	RES 10K OHM 1/16W 5% 0402	EA	buy	ERJ2GEJ103X
2	CPNN089	R19, R20	2	RES 1.00M OHM 1/16W 1% 0402	EA	buy	RC0402FR-071ML
2	CPNN090	R57	1	RES 3.01K OHM 1/16W 1% 0402 SMD	EA	buy	MCR01MZPF3011
2	CPN042	R16, R68,R62	3	0402, 0 OHM,1/ 10W,5%	EA	buy	ERJ2GE0R00X
2	CPN049	R55	1	RES 124K OHM 1/16W 1% 0402	EA	buy	ERJ2RKF1243X
2	CPN048	R56,R61	2	RES 100K OHM 1/16W 1% 0402	EA	buy	ERJ2RKF1003X
2	CCPN074	R60	1	RES 210K OHM 1/16W 1% 0402	EA	buy	RC0402FR-07210KL
2	CPN018	S1, S2	2	SWITCH, SKQYAAE0 10	EA	buy	SKQYAAE010
2	CPN016	U1	1	IC PROCESSOR WM P100 WAVECOM	EA	buy	WMP100
2	CPN015	U2	1	ACCELEROMETER, 3-AXIS, LGA14	EA	buy	MMA7455LR1
2	CPNN106	U6*	1	reflash original u6	EA	make	NA
3	CPN060	U6	1	IC 32 MBIT (2 BX16) FLASH AND 8 MBIT S	EA	buy	M36W0R5040T8ZAQF
2	CCPN077	U10	1	IC LDO W/ SHDN 3.3V SC70	EA	buy	TC1017R-3.3VLTTR
2	CPN007	U11	1	IC BUS SWITCH SPST SGL LV SC70-5	EA	buy	NC7SZ66P5X
2	CPN006	U12	1	FILTER(IC FILTER USB ESD PROTECT 6TSOI	EA	buy	STF202-22T1G
2	CPN005	U13	1	IC, LINEAR TECH LTC4095 LI-ION BAT. CHRGE	EA	buy	LTC4095EDC#TRMPBF
2	CPN004	U14	1	IC CTRLR LOWLOS PWRPATH TSOT23-6	EA	buy	LTC4412ES6#TRMPBF
2	CCPN078	U15	1	IC LDO W/ SHDN 4.0V SC70	EA	buy	TC1017R-4.0VLTTR
2	CPN002	U16	1	IC DATAFLASH 64M 2.7 DUAL 8CASON	EA	buy	AT45DB642D-CNU
2	CPN058	U17	1	IC, TEMPERATURE SENSOR, MCP9700T-E/LT	EA	buy	MCP9700T-E/LT
2	CPN035	U18	1	IC MURATA MAGNETIC SWITCH SON-4	EA	buy	AS-M15NA-R
2	CCPN079	U19	1	FILTER LC HIGH FREQ 2200PF 1206	EA	buy	NFE31PT222Z1E9L
2	CCPN081	U21	1	IC REG LDO 150MA 1.8V SC82AB	EA	buy	NCP583SQ18T1G
2	CCPN082	U22	1	IC AMP GPS 3.3V 3.3MA TSLP7-1	EA	buy	BGA 715L7 E6327
2	CCPN083	U23	1	IC ROM BASED GPS MODULE	EA	buy	AMY-5M-0
2	CPN001	Y1	1	CRYSTAL 32. 68KHZ 9PF SMD	EA	buy	ABS07-32.768KHZ-9-T
2	CPNN091	C124	1	CAP,470pF,0402,50V,+/-5%,C0G	EA	buy	GRM1555C1H471JA01D
2	CPNN092	R67	1	RES 2.37K OHM 1/16W 1% 0402 SMD	EA	buy	CRCW04022K37FKED
2	CPNN093	U24	1	IC REG LDO 2.8V 100MA SOT23A-5	EA	buy	TC1015-2.8VCT713
2	CPNN094	SH1a	1	holder	EA	buy	
2	CPNN095	SH1b	1	cover	EA	buy	
2	CPNN096	SH2a	1	holder	EA	buy	
2	CPNN097	SH2b	1	cover	EA	buy	
2	CPNN084	R63	1	RES 16K OHM 1/16W 1% 0402	EA	buy	RC0402FR-0716KL
2	CPNN085	R65	1	RES 10.0K OHM 1/16W 1% 0402	EA	buy	RC0402FR-0710KL
2	PCB002	PCB2	1	BOARDNAME V1.3	EA	buy	BoardName