

PROJECT : WAVEON 738

DESC : 738 CRADLE PCB ASSY (88-738-124-011)

VERSION : V1.1 R3

NO.	REF.	11 ID No	DESCRIPTION	QTY	MFG	MFR P/N	AVL	CONTACT	PACKAGE	REMARKS
1	C1, C4, C5, C53, C54, C117, C118	10-220-012-910	CER CHIP 0.1uF 25V +80/-20% 0603	7	CINETECH		SELECTECH		(0603)	
					KEMET	C0603C104Z3VAC	WESTECH	XAVIER SIM	(0603)	SOFT ROLL TO LEADFREE PARTS.
					WALSIN	0603F104Z250CT	WALSIN			
2	C2, C11	10-020-002-010	CER CHIP 10nF 50V 10% 0603 X7R	1	CINETECH	BX0603103K1HNR	SELECTECH		(0603)	
					YAGEO	2238 5861 5636				
		10-220-016-910	CER CHIP 10nF 50V 10% 0603 X7R		WALSIN	0603B103K500CT	WALSIN			Lead-free
3	C3	10-220-008-910	CER CHIP 33nF 25V +80/-20% 0603 Y5V	1	YAGEO	CC06032RY5V8BB333	YAGEO	JOAN YEOW	(0603)	NEW PART.
					WALSIN	0603F333Z250CT	WALSIN	KELVIN LIM		
4	C317, C318	10-230-003-910	CER CHIP 10uF 6.3V -20+80% 0805 Y5V	2	YAGEO	CC08052KY5V5BB106	YAGEO	JOAN YEOW	(0805)	NEW PART.
5	C14		POS CAP 33uF 10V 20%	2	SANYO	10TPB33M	TREK TECHNOLOGY	MARCUS KOH	(CASE C)	soft roll to lead free
6	C6, C7	10-310-002-910	ELECTRO CHIP 22uF 50V 20%	2	SANYO	50CE22BSS	TREK TECHNOLOGY			
7	C8, C9	10-320-003-910	POS CHIP 33uF, 25V, 20% D3L	1	SANYO	25TQC33M	TREK TECHNOLOGY	MARCUS KOH	(D3L)	
8	C10	10-250-001-910	CER CHIP 10uF 35V +80/-20% 1210 Y5V	1	TAIYO YUDEN	GMK325F106ZH-T	SELECTECH / MAXMEGA		(1210)	
6	D2	15-200-002-910	DI SCK 2A 40V SMB	1	ON-SEMI	M8RS240L13G	AVNET	WENDY LEO / CHEN SAY BENG		
7	D4	15-210-003-910	DI TVS 17V SMB	1	ON-SEMI	1SMB17CAT3G	AVNET	WENDY LEO	(SMB)	NEW PART.
8	D5		DI SCK 0.5A 40V	1	PHILIPS	1PS59SB20	WPI	SAMUEL TNG	(SOT-346)	soft roll to lead-free
9	J9	13-300-005-910	CONN JACK RECEP SMB 50 OHM VER		JOHNSON	131-3701-271	WISELINK TECHNOLOGY	TAN LAY HOON		soft roll to lead-free
10	J10	13-110-002-010	CONN 0.635PIT 80P MINI DOCK R/A, 30030	1	I-PEX	30030-080T-03F	I-PEX	KEVAN	(LEADED)	lead-free, new part no
11	J11	13-040-019-010	CONN 5.08PIT 2P HEADER 350209-1 VER	1	AMP	350209-1	AMP	NG CHONG BENG	(LEADED)	soft roll to lead-free
12	J13	13-010-014-010	CONN MODULAR JACK 4P4C, RJ11	1	CVILLUX	CJ074421100	CVILLUX	HARRY LYN	(LEADED)	soft roll to lead-free
13	J14	13-090-016-010	CONN D-SUB 26/F STRAIGHT, 102A	1	CHANT SINCERE	102A-26FGTBAA3	ALIMENTE PRODUCT	FREDDY CHUA / ONG SING ENG	(LEADED)	
14	J15	13-090-017-010	CONN D-SUB 9/M STRAIGHT, 203A	1	CHANT SINCERE	203A-09MGPBAA3	ALIMENTE PRODUCT	FREDDY CHUA / ONG SING ENG	(LEADED)	
15	G1	20-200-001-910	GPS MODULE TIM-LA	1	u-BLOX	TIM-LA-A-000-1	EXPENDIENT TECH P/L	PEK TECK CHIEN	(SMT)	
16	B1	11-010-001-010	BATT CELL 3V, MC 621	1	VARTA	666135	VARTA	KERIN NG	(SMT)	
17	FB1, FB2, FB4, FB13, FB14, FB16, FB26, FB31, FB60		CHIP FB ARRAY, 400mA 0.4R, DA1206D	9	STEWART	DA1206D301R-10	STEWART	KELVIN CHAN / DON TAN	(1206)	lead-free part no
18	FB3	18-220-007-910	CHIP FB 600 OHM, 1A, 0603	1	STEWART	M0603J601R-10	STEWART	KELVIN CHAN / DON TAN	(0603)	NEW PART.
19	T1	18-200-006-910	CHIP DC CM CHOKE, 500Q, 4.5A	1	SUMIDA	CPFC805	JOINT TECHNOLOGY	RICHARD YEE		
20	R1, R8, R9, R10, R39, R41, R42	24-310-029-910	RES CHIP 0 1/10W 0603	7	YAGEO	RC0603JR-070RL	YAGEO		(0603)	
					WALSIN	WR06X000PTL	WALSIN			
21	R13, R22, R28	24-310-028-910	RES CHIP 100K 1/10W 5% 0603		YAGEO	RC0603JR-07100KL	YAGEO		(0603)	
					WALSIN	WR06X104JTL	WALSIN			
22	R12		RES CHIP 150K 1/10W 5% 0603	1	YAGEO	RC0603JR-07150KL	YAGEO		(0603)	
					WALSIN	WR06X154JTL	WALSIN			
23	R19	24-310-040-910	RES CHIP 10K 1/10W 5% 0603		YAGEO	RC0603JR-0710KL	YAGEO		(0603)	
					WALSIN	WR06X103JTL	WALSIN			

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24	R20	24-310-043-910	RES CHIP 100R 1/10W 5% 0603		YAGEO	RC0603JR-07100RL	YAGEO		(0603)	
					WALSIN	WR06X101JTL	WALSIN			
25	U3	19-400-005-910	IC RS232 DRIVER ICL3232I, SOIC16 (N)	1	INTERSIL	ICL3232IBNZ	DESNER	BESSIE TOH	(SOIC-16)	NEW PART.
26	U33	19-450-009-910	IC LDO LP3982 ADJ 300mA, MSOP8	1	NS	LP3982IMM-ADJ/NOPB	AVNET	WENDY LEO / CHEN SAY BENG	(MSOP-8)	NEW PART.
27		88-738-175-B01	738 CRADLE PCB	1	INTL GLOBAL	88-738-175-B01		JASMINE	4 LAYERS.	TO BE RoHS COMPLIANT.

DO NOT POPULATE : - L9
Q3
R2-R5, R33, R37, R38

NOTE : (1) 11 ID No. XX-XXX-XXX-910 - THE "-910" INDICATE LEAD-FREE PART.