

CX-9Z-C00794-00
SCH-C00794-00
REV: 1.0

CX21888 90-BGA ANC RDK

May 15, 2017
2:35 AM

BOM-C00794-00
BILL OF MATERIALS

NOTES:

1. The Global Part Number represents a reference number and is not an orderable number.
Use the Manufacturer Part Number for part orders.
2. 'C' = Critical - must use the specified source(s).
3. 'CS' = Critical Substitution - may be substituted with other manufacturer's parts of equal specification.
4. 'DNE-QK' = Do Not Equip in the Quick Kit. Equip in Sliver builds only.
5. 'DNE' = Do Not Equip.



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Imaging and PC Media

PROPRIETARY DOCUMENT
USE PURSUANT TO NDA

ITEM	GLOBAL PART NUMBER	GPN COMPLIANCE	QTY	PART REFERENCE	VALUE	DESCRIPTION	PART NUMBER (MANUFACTURER) COMPLIANCE	TYPE PACKAGE	BOM NOTES
1	G600Z-C00794R10	RoHS	1	BD1	PCB	PCB;C00794;CX21888 90-BGA ANC RDK Board		PCB	C
2	G010Z-0001175	RoHS	11	C3 C8-C11 C14 C17 C21-C23 C49	0.1uF	CAP_CER/X5R;0201;6.3V;10%;0.1uF	GRM033R60J104KE19 (MURATA) JMK063B1104KP (TAIYO YUDEN) C0201X5R6R3-104KNP (VENKEL LTD.)	SMD-0201	
3	G010Z-0001247	RoHS	3	C1 C4 C24	1uF	CAP_CER/X5R;0201;6.3V;20%;1uF	GRM033R60J105MEA2D (MURATA) C0603X5R01105MA (TDK)	SMD-0201	
4	G010Z-0001269	RoHS	6	C30 C31 C34 C41 C43 C44	100pF	CAP_CER/X7R;0201;16V;10%;100pF	0201YC101KAT2A (AVX)	SMD-0201	
5	G010Z-0001224	RoHS	11	C5 C6 C20 C32 C33 C37 C38 C59 C61-C63	2.2uF	CAP_CER/X5R;0402;6.3V;20%;2.2uF	GRM155R60J225ME15 (MURATA)	SMD-0402	
6	G010Z-0001270	RoHS	5	C2 C7 C13 C42 C58	10uF	CAP_CER/X5R;0402;6.3V;20%;10uF	C0402C106M9PAC (KEMET) GRM155R60J106ME44D (MURATA) JMK105CBJ106MV-F (TAIYO YUDEN)	SMD-0402	
7	G010Z-0001275	RoHS	2	C12 C18	3.3uF	CAP_CER/X5R;0402;6.3V;10%;3.3uF	C1005X5R01335K050BC (TDK)	SMD-0402	
8	G010Z-040258R2C	RoHS	2	C65 C66	8.2pF	CAP_CER/NPO;0402;50V;+/-0.25pF;8.2pF	GMC04CG8R2C50NT-LF (CAL-CHIP) CMC-050/8R2CN0402TF (TECATE) C0402C0G500-8R2CNE (VENKEL LTD.)	SMD-0402	
9	G120Z-0000135	RoHS	15	D1-D4 D10-D20	3.3V	DIO_TV/CLMP;SMD;3311P;BIDIR;3.3V;90W;10pF	UCLAMP3311P.TCT (SEMTECH)	SMD-SPECIAL	
10	G170Z-0000228	RoHS	1	D9	RED/GRN/BLU	DIO_LE;SMD;HSMF-C115;RED/GRN/BLU;80/170/60mcd;20mA;INDT;RA	HSMF-C115 (AVAGO TECHNOLOGIES)	SMD	
11	G200Z-0000318	RoHS	2	FB1 FB2	80 Ohm@100MHz	FERR_CB;0402;BLM15P;80 Ohm@100MHz;0.07 Ohm;1.5A	BLM15PD800SN1 (MURATA)	SMD-0402	
12	G200Z-0000281	RoHS	1	FB3	600 Ohm@100MHz	FERR_CB;0402;BLM15A;600 Ohm@100MHz;0.60 Ohm;300mA	BLM15AG601SN1 (MURATA)	SMD-0402	
13	G020Z-0001849	RoHS-X	5	R17 R18 R22-R24	10K	RES_CHIP;0201;5%;1/20W;10K Ohm	ERJ1GEJ103C (PANASONIC) MCR006VZPJ103 (ROHM) CR0201-20W-103JT (VENKEL LTD.) CRCW020110K0JN (VISHAY)	SMD-0201	
14	G020Z-0001850	RoHS-X	8	R31 R32 R34 R35 R57-R60	100	RES_CHIP;0201;5%;1/20W;100 Ohm	ERJ1GEJ101C (PANASONIC) MCR006VZPJ101 (ROHM) CR0201-20W-101JT (VENKEL LTD.) CRCW0201100RJN (VISHAY)	SMD-0201	
15	G020Z-0001851	RoHS-X	3	R9-R11	4.7K	RES_CHIP;0201;5%;1/20W;4.7K Ohm	ERJ1GEJ472C (PANASONIC) MCR006VZPJ472 (ROHM) CR0201-20W-472JT (VENKEL LTD.) CRCW02014K70JN (VISHAY)	SMD-0201	
16	G020Z-0001861	RoHS-X	2	R1 R8	33	RES_CHIP;0201;5%;1/20W;33 Ohm	ERJ1GEJ330C (PANASONIC) MCR006VZPJ330 (ROHM) CR0201-20W-330JT (VENKEL LTD.) CRCW020133R0JN (VISHAY)	SMD-0201	
17	G020Z-0001870	RoHS-X	6	R20 R21 R25-R27 R48	100K	RES_CHIP;0201;5%;1/20W;100K Ohm	ERJ1GEJ104C (PANASONIC) MCR006VZPJ104 (ROHM) CR0201-20W-104JT (VENKEL LTD.) CRCW0201100KJN (VISHAY)	SMD-0201	
18	G020Z-0001964	RoHS-X	2	R3 R5	22.1	RES_CHIP;0201;1%;1/20W;22.1 Ohm	RMC1/20-22R1FPA (KAMAYA INC.) ERJ1GEF22R1C (PANASONIC) CR0201-20W-22R1FT (VENKEL LTD.) CRCW020122R1FN (VISHAY)	SMD-0201	
19	G020Z-0001965	RoHS-X	2	R28 R29	5.1	RES_CHIP;0201;5%;1/20W;5.1 Ohm	ERJ1GEJ5R1C (PANASONIC) CR0201-20W-5R1JT (VENKEL LTD.) CRCW0201510JN (VISHAY)	SMD-0201	
20	G020Z-0001968	RoHS-X	4	R30 R33 R36 R37	2.2K	RES_CHIP;0201;5%;1/20W;2.2K Ohm	ERJ1GEJ222C (PANASONIC) MCR006VZPJ222 (ROHM) CR0201-20W-222JT (VENKEL LTD.) CRCW02012K20JN (VISHAY)	SMD-0201	
21	G020Z-0002066	RoHS-X	1	R4	80.6K	RES_CHIP;0201;1%;1/20W;80.6K Ohm	ERJ1GEF8062C (PANASONIC)	SMD-0201	
22	G020Z-0002067	RoHS-X	1	R2	130K	RES_CHIP;0201;1%;1/20W;130K Ohm	ERJ1GEF1303C (PANASONIC)	SMD-0201	

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23	G020Z-0000595	RoHS-X	1	R16	133	RES_CHIP;0402;1%;1/16W;133 Ohm	RM04F1330CT-LF (CAL-CHIP) CR02133RF002 (COMPOSTAR) RK73H1ETTP1330F (KOA-SPEER ELECTRONICS) ERJ2RKF1330X (PANASONIC) CR0402-16W-1330FT (VENKEL LTD.)	SMD-0402	
24	G020Z-0402A1500F	RoHS-X	1	R14	150	RES_CHIP;0402;1%;1/16W;150 Ohm	RM04F1500CT-LF (CAL-CHIP) CR02150RF002 (COMPOSTAR) RK73H1ETTP1500F (KOA-SPEER ELECTRONICS) ERJ2RKF1500X (PANASONIC) CR0402-16W-1500FT (VENKEL LTD.)	SMD-0402	
25	G020Z-0402A4700J	RoHS-X	1	R15	470	RES_CHIP;0402;5%;1/16W;470 Ohm	RM04J471CT-LF (CAL-CHIP) CR020471J002 (COMPOSTAR) RK73B1ETTP471J (KOA-SPEER ELECTRONICS) ERJ2GEJ471X (PANASONIC) MCR01MZPJ471 (ROHM) CR0402-16W-471JT (VENKEL LTD.)	SMD-0402	
26	G180Z-0000243	RoHS	4	SW1-SW4	SPST	SW_TACT;THD;SPST-NO;0.7mm PB;160GF 0.53 HIGH;VERT	EVPBB2A1B000 (PANASONIC)	SMD-SPECIAL	
27	G180Z-0000242	RoHS	1	SW5	SPDT	SW_SLD;SMD;SPDT W/ COM;W/O TABS;1.3mm ACTR;RA;-10 TO 60C	SSAJ120100 (ALPS ELECTRIC)	SMD-SPECIAL	
28	REF-CX21888-10Z	RoHS	1	U1	CX21888-10Z	IC;LFGBA-90;CX21888;AUDIO/VOICE PROCESSOR	(CONEXANT)	LFGBA-90	C
29	G070Z-0001854	Green	1	U2	FLASH 32Mb	IC_FLASH;USON-8EP;SER/MULTI I/O;32Mb 86MHz/80MHz;INDT;2.7-3.6V	MX25L3206EZUI-12G (MXIC)	USON-8EP	
30	G120Z-0000134	Green	1	U3	6.5V	DIO_TV5/CLMP;SMD;0502N;ARRAY;6.5V;100W;0.3pF	RCLAMP0502N.TCT (SEMTECH)	SMD-SPECIAL	
31	G140Z-0000436	RoHS	1	Y1	24.0MHz	CRYST;SMD;-1.6x1.2mm;FUND;20 FT/20 FS;-40 TO 85C;8pF;150 Ohm;24.0MHz	ECS-240-8-47-JTN-TR (ECS)	SMD-1.6x1.2mm	
32	G010Z-0001180	RoHS	12	C26-C29 C35 C36 C39 C40 C45-C48	1000pF	CAP_CER/X7R;0201;10V;10%;1000pF	0201ZC102KAT2A (AVX) GMC02X7R102K10NT-LF (CAL-CHIP) C0201X7R102K10NT (VENKEL LTD.)	SMD-0201	DNE
33	G500-9514	NoData	16	TP1-TP16	DNE	PAD_SM;0.023 X 0.024in./SQ SLKSCRN			DNE
34	G500-9515	NoData	2	TP18 TP19	DNE	PAD_SM;0.020in. RD/NO SLKSCRN			DNE
35	G500-0000632	NoData	5	TV1-TV5	TV42RD22	TEST_VIA,.042 ROUND PAD,.022 DIA FHS		THD-SPECIAL	DNE