

BOM

Model No. RMP-192AW						V6.0			
NO.	Level	Material name	Value	Description	Location	Amount	Part No.	Manufacturers	
Capacitance									
1	1	Capacitance	0.5PF	CERAMIC CAP 0.5PF±0.25PF 50V 0402	C617	1	GRM1555C1HR50C	MURATA	
2	1	Capacitance	1.8PF	CERAMIC CAP 1.8PF±0.25PF 50V 0402	C613	1	GRM1555C1H1R8C	MURATA	
3	1	Capacitance	3.3PF	CERAMIC CAP 3.3PF±0.25PF 50V 0402	C65 C88	2	GRM1555C1H3R3C	MURATA	
4	1	Capacitance	6PF	CERAMIC CAP 6PF±0.25PF 50V 0402	C13	1	GRM1555C1H6ROC	MURATA	
5	1	Capacitance	8.2PF	CERAMIC CAP 8.2PF±0.25PF 50V 0402	C710	1	GRM1555C1H8R2C	MURATA	
6	1	Capacitance	15PF	CERAMIC CAP 15PF±5% 50V 0402	C90 C91	2	GRM1555C1H150J	MURATA	
7		Capacitance	18PF	CERAMIC CAP 18PF±5% 50V 0402	C714 C727	2	GRM1555C1H180J	MURATA	
8	1	Capacitance	22PF	CERAMIC CAP 22PF±5% 50V 0402	C100 C101 C715 C621 C41 C19 C63 C16	12	GRM1555C1H220J	MURATA	
9	1	Capacitance	24PF	CERAMIC CAP 24PF±5% 50V 0402	C750	1	GRM1555C1H240J	MURATA	
10	1	Capacitance	33PF	CERAMIC CAP 33PF±5% 50V 0402	C50 C51 C72 C213 C214 C221 C222 C240 C241 C622 C648	11	GRM1555C1H330J	MURATA	
11	1	Capacitance	100PF	CERAMIC CAP 100PF±5% 50V 0402	C203 C211 C217 C223	4	GRM1555C1H101J	MURATA	
12		Capacitance	180PF	CERAMIC CAP 180PF±5% 50V 0402	C716	1	GRM1555C1H181J	MURATA	
13	1	Capacitance	220PF	CERAMIC CAP 220PF±5% 50V 0402	C12	1	GRM1555C1H221J	MURATA	
14	1	Capacitance	1nF	CERAMIC CAP 1nF±10% 50V 0402	C112 C638 C649 C619	4	GRM155R71H102K	MURATA	
15	1	Capacitance	10nF	CERAMIC CAP 10nF±10% 50V 0402	C724 C605 C644	3	GRM155R71H103K	MURATA	
16	1	Capacitance	22nF	CERAMIC CAP 22nF±10% 25V 0402	C68	1	GRM155R71E223K	MURATA	
17	1	Capacitance	47nF	CERAMIC CAP 47nF±10% 25V 0402	C110	1	GRM155R71E473K	MURATA	
18	1	Capacitance	100nF	CERAMIC CAP 100nF±10% 16V 0402	C1 C2 C3 C22 C26 C102 C103 C104 C105 C106 C107 C108 C109 C111 C201 C206 C209 C212 C403 C404 C411 C412 C422 C424 C427	37	GRM155R61C104KZ 01D	MURATA	
19	1	Capacitance	1uF	CERAMIC CAP 1uF±10% 10V 0402	C20 C21 C23 C24 C70 C402 C433 C722 C723 C69 C604 C632 C635	16	GRM155R61A105K	MURATA	

20	1		Capacitance	1uF/16V	CERAMIC CAP 1uF±10% 16V 0603	C401	1	GRM188R61CT05KA12D	MURATA
21	1		Capacitance	2.2uF	CERAMIC CAP 2.2uF±10% 6.3V 0603	C414 C418 C420 C666	4	GRM188R60J225K	MURATA
22	1		Capacitance	4.7uF	CERAMIC CAP 4.7uF±10% 6.3V 0603	C89 C408 C415 C416 C417 C419 C421 C422 C423 C424 C425 C426 C427 C428 C429 C430 C431 C432 C433 C434 C435 C436 C437 C438 C439 C440 C441 C442 C443 C444 C445 C446 C447 C448 C449 C450 C451 C452 C453 C454 C455 C456 C457 C458 C459 C460 C461 C462 C463 C464 C465 C466 C467 C468 C469 C470 C471 C472 C473 C474 C475 C476 C477 C478 C479 C480 C481 C482 C483 C484 C485 C486 C487 C488 C489 C490 C491 C492 C493 C494 C495 C496 C497 C498 C499 C500 C501 C502 C503 C504 C505 C506 C507 C508 C509 C510 C511 C512 C513 C514 C515 C516 C517 C518 C519 C520 C521 C522 C523 C524 C525 C526 C527 C528 C529 C530 C531 C532 C533 C534 C535 C536 C537 C538 C539 C540 C541 C542 C543 C544 C545 C546 C547 C548 C549 C550 C551 C552 C553 C554 C555 C556 C557 C558 C559 C560 C561 C562 C563 C564 C565 C566 C567 C568 C569 C570 C571 C572 C573 C574 C575 C576 C577 C578 C579 C580 C581 C582 C583 C584 C585 C586 C587 C588 C589 C590 C591 C592 C593 C594 C595 C596 C597 C598 C599 C600 C601 C602 C603 C604 C605 C606 C607 C608 C609 C610 C611 C612 C613 C614 C615 C616 C617 C618 C619 C620 C621 C622 C623 C624 C625 C626 C627 C628 C629 C630 C631 C632 C633 C634 C635 C636 C637 C638 C639 C640 C641 C642 C643 C644 C645 C646 C647 C648 C649 C650 C651 C652 C653 C654 C655 C656 C657 C658 C659 C660 C661 C662 C663 C664 C665 C666 C667 C668 C669 C670 C671 C672 C673 C674 C675 C676 C677 C678 C679 C680 C681 C682 C683 C684 C685 C686 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C697 C698 C699 C700 C701 C702 C703 C704 C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722 C723 C724 C725 C726 C727 C728 C729 C730 C731 C732 C733 C734 C735 C736 C737 C738 C739 C740 C741 C742 C743 C744 C745 C746 C747 C748 C749 C750 C751 C752 C753 C754 C755 C756 C757 C758 C759 C760 C761 C762 C763 C764 C765 C766 C767 C768 C769 C770 C771 C772 C773 C774 C775 C776 C777 C778 C779 C780 C781 C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C792 C793 C794 C795 C796 C797 C798 C799 C800 C801 C802 C803 C804 C805 C806 C807 C808 C809 C810 C811 C812 C813 C814 C815 C816 C817 C818 C819 C820 C821 C822 C823 C824 C825 C826 C827 C828 C829 C830 C831 C832 C833 C834 C835 C836 C837 C838 C839 C840 C841 C842 C843 C844 C845 C846 C847 C848 C849 C850 C851 C852 C853 C854 C855 C856 C857 C858 C859 C860 C861 C862 C863 C864 C865 C866 C867 C868 C869 C870 C871 C872 C873 C874 C875 C876 C877 C878 C879 C880 C881 C882 C883 C884 C885 C886 C887 C888 C889 C890 C891 C892 C893 C894 C895 C896 C897 C898 C899 C900 C901 C902 C903 C904 C905 C906 C907 C908 C909 C910 C911 C912 C913 C914 C915 C916 C917 C918 C919 C920 C921 C922 C923 C924 C925 C926 C927 C928 C929 C930 C931 C932 C933 C934 C935 C936 C937 C938 C939 C940 C941 C942 C943 C944 C945 C946 C947 C948 C949 C950 C951 C952 C953 C954 C955 C956 C957 C958 C959 C960 C961 C962 C963 C964 C965 C966 C967 C968 C969 C970 C971 C972 C973 C974 C975 C976 C977 C978 C979 C980 C981 C982 C983 C984 C985 C986 C987 C988 C989 C990 C991 C992 C993 C994 C995 C996 C997 C998 C999	13	GRM188R60J475K	MURATA
23	1		Capacitance	10uF	CERAMIC CAP 10uF±10% 6.3V 0805	C202 C204 C205 C210	4	GRM21BR61AT06KE10L	MURATA
24	1		Tantalum Capacitors	100uF	TAN 100uF±12% 6.3V B3	C513	1	TEESVB30J107M8R	NEC

Resistance

25	1		Resistance	0 Ω	RES 0R±5% 1/16W 0402	C754 R9 R41 R51 R62 R407 R436 R305 D212 D78 L600 L701	14	RC0402JR-070RL	Yageo
26	1		Resistance	0.2 Ω	RES 0.2R±1% 1/4W 0805	R417	1	RCL0805FR-070R2L	YAGEO
27	1		Resistance	3.3 Ω	RES 3.3R±5% 1/8W 0603	R401	1	RC0603JR-073R3L	YAGEO
28	1		Resistance	15 Ω	RES 15R±5% 1/16W 0402	R14 R18 R60	3	RC0402JR-0715RL	Yageo
29	1		Resistance	33 Ω	RES 33R±5% 1/16W 0402	R23 R24	2	RC0402JR-0733RL	Yageo
30	1		Resistance	100 Ω	RES 100R±5% 1/16W 0402	R20 R38 R710 R15	4	RC0402JR-07100RL	Yageo
31	1		Resistance	390 Ω	RES 390R±5% 1/16W 0402	R209 R211	2	RC0402JR-07390RL	Yageo
32			Resistance	470 Ω	RES 470R±5% 1/16W 0402	R52	1	RC0402JR-07470RL	Yageo
33	1		Resistance	1K Ω	RES 1K±5% 1/16W 0402	R214 R201 R215 R219 D05 D08	6	RC0402JR-071KL	Yageo
34	1		Resistance	1.5K Ω	RES 1.5K±5% 1/16W 0402	R28 R216 R207 R213	4	RC0402JR-071K5L	Yageo
35	1		Resistance	3.9K Ω	RES 3.9K±5% 1/16W 0402	R428	1	RC0402JR-073K9L	Yageo
36	1		Resistance	10K Ω	RES 10K±5% 1/16W 0402	R32 R35 R86 R608	4	RC0402JR-0710KL	Yageo
37	1		Resistance	24K	RES 24K±5% 1/16W 0402	R1 R87	2	RC0402JR-0724KL	Yageo
38	1		Resistance	47K	RES 47K±5% 1/16W 0402	R44 R30 R711	3	RC0402JR-0747KL	Yageo
39	1		Resistance	100K Ω	RES 100K±5% 1/16W 0402	R29 R217 R416 R31 D42 D70	6	RC0402JR-07100KL	Yageo
40	1		Resistance	150K Ω	RES 150K±5% 1/16W 0402	R102	1	RC0402JR-07150KL	Yageo

bead Varistor

41	1		Inductor	1.0nH	L 1nH±0.3nH 0402	L710	1	LQG15HS1N0S	MURATA
42			Inductor	1.5nH	L 1.5nH±5% 0402	L714	1	LQG15HS1N5J	MURATA
43	1		Inductor	2.2nH	L 2.2nH±0.3nH 0402	L712 L603	2	LQG15HS2N2S	MURATA
44	1		Inductor	4.7nH	L 4.7nH±0.3nH 0402	L6	1	LQG15HS4N7S	MURATA
45			Inductor	6.8nH	L 6.8nH±0.3nH 0402	L604	1	LQG15HS6N8S	MURATA

77	1		STM card	HMT-4150006		SIM1 SIM2	2	HMT-6150006-020P	Huamingtong
78	1		12Pin Mini usb	HMT-USB-00810-012	12Pin Mini Usb	CON301	1	HMT-USB-00810-012	Huamingtong
79	1		Battery	PAN25-	3Pin	CON1	1	PAN25-03626-	GanDE
80	1		RF Connector	CANTT-00103-		U203	1	CANTT-08193-SF00	GanDE
81	1		RF Connectors	MM8430-2610	Microwave coaxial connector	J600	1	MM8430-2600B	Murata

others

82	1		LED blue Light		BLUE LED 0603	D23 D24 D25 D26 D27 D28	6	A01-0603BL31A-NO. N. 3 M	AOT
83	1		Back-up battery	3.3V	Back button battery	C425	1	SCSM3R3703T01	KORCHIP
84	1		GP-		Six 1.0mm		1	GP-DM2522B+ MB-	HongBan
85	1		GP-DM2522-shi eding1+ V6		Tin (composite materials)	93-919201-01	1	GP-DM2522-shi eding1+ V6	LangHao
86	1		GP-DM2522-shi eding3+ V6		Tin (composite materials)	93-919202-01	1	GP-DM2522-shi eding3+ V6	LangHao
87	1		GP-DM2522-shi eding2		Tin (composite materials)		1	GP-DM2522-shi eding3	DongGuan Yonghong
88	1		GP-DM2522-shi eding4		Tin (composite materials)		1	GP-DM2522-shi eding4	DongGuan Yonghong

3D sensor functionality

1			Capaci tance	100nF	CERAMIC CAP 100nF±10% 16V 0402	C10 C11	2	GRM155R61CT04KZ01D	MURATA
2	1		Resistance	0Ω	RES 0R±5% 1/16W 0402	R26	1	RC0402JR-070RL	Yageo
3	1		Resistance	10KΩ	RES 10K±5% 1/16W 0402	R2 R5	2	RC0402JR-0710KL	Yageo
4	1		Capaci tance	10uF	CERAMIC CAP 10uF±10% 6.3V 0805	C9	1	GRM21BR61AT06KE19L	MURATA
5			3D sensor IC	MMA7455L/MMA74		U4	1	MMA7455L/MMA7456L	FREESCALE
1	1		White LED Flashlight	BL-BZD3V4S		LED1 LED2	2	BL-BZD3V4S	Bai hong