

Item	Part Number	Part Description	Quantity	Designator (Top)	Designator (Bottom)	Manufacturer
SMT Parts						
1	RC0201JR-070RL	RES MF 0R +/-5% 1/20W CH0201 RO	187	R0102 R0107 R0108 R0109 R0303 R0304 R0305 R0306 R0348 R0350 R0351 R0353 R0354 R0357 R0358 R0360 R0362 R0365 R0367 R0369 R0371 R0404 R1103 R1104 R1106 R1107 R1706 R1711 R1801 R1803 R1804 R1805 R1806 R1807 R1808 R1809 R1810 R1811 R1812 R1813 R1814 R1815 R1816 R1817 R1818 R1819 R1820 R1821 R1822 R1823 R1824 R1826 R1827 R1828 R1829 R1830 R1831 R1832 R2101 R2102 R2104 R2105 R2107 R2108 R2109 R2302 R2303 R2304 R2305 R2308 R2309 R2310 R2311 R2401 R2402 R2406 R2501 R2503 R2505 R2510 R2511 R2512 R2601 R2602 R2603 R2604 R2605 R2606 R2607 R2608 R2610 R2611 R2612 R2613 R2614 R2615 R2702 R2703 R2704 R2705 R2706 R2707 R2709 R2710 R2711 R2712 R2713 R2716 R2719 R2721 R2722 R2725 R2901 R2902 R2905 R2906 R2907 R2908 R3003 R3004 R3006 R3016 R3017 R3018 R3019 R3102 R3103 R3106 R4702 R4703 R4704 R4706 R4802 R4807 R4819 R4825 R5006 R5010 R5011 R5032 R5034 R5035 R5211 R5230 R5514 R5701 R5704 R5706 R5712 R5713 R5715 L2429	R0105 R0111 R0112 R0113 R0114 R0115 R0116 R0117 R0702 R0703 R1504 R1506 R1601 R1602 R2020 R2021 R2024 R2202 R2203 R2206 R2208 R2209 R2301 R2802 R2803 R4815 R4820 R4823 R5412 R5431 R5506 R5507 R5817 R5819 R5820	YAGEO
	0201WMJ0000TEE	RES MF 0R +/-5% 1/20W CH0201 RO				UNIOHM
	WR02X000 PAL	RES MF 0R +/-5% 1/20W CH0201 RO				WALSIN
	RC-01000JT	RES MF 0R +/-5% 1/20W CH0201 RO				FENGHUA
	RC0201JR-0710RL	RES MF 10R +/-5% 1/20W CH0201 RO				YAGEO
	WR02X100 JAL	RES MF 10R +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0100TEE	RES MF 10R +/-5% 1/20W CH0201 RO				UNIOHM
2	RC-01W100JT	RES MF 10R +/-5% 1/20W CH0201 RO	2	R4904 R4905		FENGHUA
3	0201WMF220JTEE	RES MF 22R +/-1% 1/20W CH0201 RO	9	R0103 R1101 R1102 R3001 R5245 R5246	R2018 R2019 R2033	UNIOHM
	RC0201FR-0722RL	RES MF 22R +/-1% 1/20W CH0201 RO				YAGEO
	WR02X22R0FAL	RES MF 22R +/-1% 1/20W CH0201 RO				WALSIN
	RC-01W22R0FT	RES MF 22R +/-1% 1/20W CH0201 H0.26mm RO				FENGHUA
4	RC0201JR-0724RL	RES MF 24R +/-5% 1/20W CH0201 RO	1	R3002		YAGEO
	WR02X240 JAL	RES MF 24R +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0240TEE	RES MF 24R +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W240JT	RES MF 24R +/-5% 1/20W CH0201 RO				FENGHUA
5	RC0201JR-0733RL	RES MF 33R +/-5% 1/20W CH0201 RO	15	R5301 R5303 R5304 R5305 R5314 R5616 R5617 R5618 R5619 R6003 R6007 R6008 R6018 R6019 R6023		YAGEO
	WR02X330 JAL	RES MF 33R +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0330TEE	RES MF 33R +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W330JT	RES MF 33R +/-5% 1/20W CH0201 RO				FENGHUA
	RC0201JR-0751RL	RES MF 51R +/-5% 1/20W CH0201 RO				YAGEO

6	WR02X510 JAL	RES MF 51R +/-5% 1/20W CH0201 RO	2	R2103 R2506		WALSIN
	0201WMJ0510TEE	RES MF 51R +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W510JT	RES MF 51R +/-5% 1/20W CH0201 RO				FENGHUA
7	RC0201JR-07100RL	RES MF 100R +/-5% 1/20W CH0201 RO	8	R5602 R5606 R5607 R5614 R5919 R5920 R5921 R5922		YAGEO
	WR02X101 JAL	RES MF 100R +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0101TEE	RES MF 100R +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W101JT	RES MF 100R +/-5% 1/20W CH0201 RO				FENGHUA
8	RC0201FR-07100RL	RES MF 100R +/-1% 1/20W CH0201 RO	1	R0104		YAGEO
	0201WMF1000TEE	RES MF 100R +/-1% 1/20W CH0201 RO				UNIOHM
	WR02X1000FAL	RES MF 100R +/-1% 1/20W CH0201 RO				WALSIN
	RC-01W1000FT	RES MF 100R +/-1% 1/20W CH0201 RO				FENGHUA
9	RC0201JR-07220RL	RES MF 220R +/-5% 1/20W CH0201 RO	1	R2106		YAGEO
	WR02X221 JAL	RES MF 220R +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0221TEE	RES MF 220R +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W221JT	RES MF 220R +/-5% 1/20W CH0201 RO				FENGHUA
10	RC0201FR-07240RL	RES MF 240R +/-1% 1/20W CH0201 RO	3	R0201 R0901 R0902		YAGEO
	WR02X2400FAL	RES MF 240R +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF2400TEE	RES MF 240R +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W2400FT	RES MF 240R +/-1% 1/20W CH0201 RO				FENGHUA
11	RC0201JR-071KL	RES MF 1K +/-5% 1/20W CH0201 RO	65	R5003 R5004 R5025 R5102 R5103 R5123 R5124 R5205 R5206 R5210 R5224 R5308 R5327 R5508 R5516 R5622 R5633 R5634 R5722 R5723 R5727 R5924 R5925 R5926 R5927 R6015 R6016 R6017 R6024 R6028 R6033 R6034 R6035 R6036 R6037 R6038 R6039 R6040 R6041 R6042 R6204 R6217 R6218 R6219 R6234	R5244 R5401 R5409 R5415 R5416 R5420 R5426 R5427 R5428 R5527 R5529 R5531 R5533 R5652 R5901 R6001 R6002 R6053 R6202 R6203	YAGEO
	WR02X102 JAL	RES MF 1K +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0102TEE	RES MF 1K +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W102JT	RES MF 1K +/-5% 1/20W CH0201 RO				FENGHUA
12	RC0201FR-071KL	RES MF 1K +/-1% 1/20W CH0201 RO	7	R0413	R4839 R5223 R5234 R5408 R5414 R5421	YAGEO
	WR02X1001FAL	RES MF 1K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF1001TEE	RES MF 1K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W1001FT	RES MF 1K +/-1% 1/20W CH0201 RO				FENGHUA
13	RC0201JR-072K2L	RES MF 2.2K +/-5% 1/20W CH0201 RO	12	R2001 R2002 R2003 R2004 R2035 R2036 R2039 R2040 R6043	R2037 R2038 R5410	YAGEO
	WR02X222 JAL	RES MF 2.2K +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0222TEE	RES MF 2.2K +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W222JT	RES MF 2.2K +/-5% 1/20W CH0201 RO				FENGHUA
14	RC0201FR-073KL	RES MF 3K +/-1% 1/20W CH0201 RO	1	R4914		YAGEO
	WR02X3001FAL	RES MF 3K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF3001TEE	RES MF 3K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W3001FT	RES MF 3K +/-1% 1/20W CH0201 RO				FENGHUA
15	RC0201FR-073K01L	RES MF 3.01K +/-1% 1/20W CH0201 RO	1	R0301		YAGEO
	0201WMF3011TEE	RES MF 3.01K +/-1% 1/20W CH0201 RO				UNIOHM
	WR02X3011FAL	RES MF 3.01K +/-1% 1/20W CH0201 RO				WALSIN
	RC-01W3011FT	RES MF 3.01K +/-1% 1/20W CH0201 RO				FENGHUA
16	RC0201JR-074K7L	RES MF 4.7K +/-5% 1/20W CH0201 RO	5	R5214 R5215 R5315	R1603 R1605	YAGEO
	WR02X472 JAL	RES MF 4.7K +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0472TEE	RES MF 4.7K +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W472JT	RES MF 4.7K +/-5% 1/20W CH0201 RO				FENGHUA
	RC0201FR-074K7L	RES MF 4.7K +/-1% 1/20W CH0201 RO				YAGEO

17	WR02X4701FAL	RES MF 4.7K +/-1% 1/20W CH0201 RO	1	R5216		WALSIN
	0201WMF4701TEE	RES MF 4.7K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W4701FT	RES MF 4.7K +/-1% 1/20W CH0201 RO				FENGHUA
18	RC0201FR-075K6L	RES MF 5.6K +/-1% 1/20W CH0201	1		R1105	YAGEO
	0201WMF5601TEE	RES MF 5.6K +/-1% 1/20W CH0201				UNIOHM
	WR02X5601FAL	RES MF 5.6K +/-1% 1/20W CH0201				WALSIN
	RC-01W5601FT	RES MF 5.6K +/-1% 1/20W CH0201				FENGHUA
19	RC0201FR-076K04L	RES MF 6.04K +/-1% 1/20W CH0201 RO	1	R0302		YAGEO
	WR02X6041FAL	RES MF 6.04K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF6041TEE	RES MF 6.04K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W6041FT	RES MF 6.04K +/-1% 1/20W CH0201 RO				FENGHUA
20	RC0201FR-0710KL	RES MF 10K +/-1% 1/20W CH0201 RO	1	R4902		YAGEO
	WR02X1002FAL	RES MF 10K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF1002TEE	RES MF 10K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W1002FT	RES MF 10K +/-1% 1/20W CH0201 RO				FENGHUA
21	RC0201JR-0710KL	RES MF 10K +/-5% 1/20W CH0201 RO	76	R0402 R0406 R0408 R0409 R0412 R0417 R0418 R1707 R1709 R1802 R1825 R4804 R4931 R4933 R4941 R5133 R5134 R5136 R5139 R5202 R5204 R5302 R5605 R5627 R5703 R5711 R5714 R5717 R5718 R5721 R6047 R6048 R6201 R6246	R1402 R1703 R1708 R1710 R4801 R4834 R4836 R5001 R5008 R5131 R5132 R5142 R5145 R5242 R5441 R5807 R5821 R6005 R6021 R6027 R6031 R6045 R6101 R6102 R6103 R6104 R6105 R6106 R6107 R6108 R6110 R6111 R6112 R6113 R6114 R6115 R6116 R6120 R6247 R6248 R6249 R6250	YAGEO
	WR02X103 JAL	RES MF 10K +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0103TEE	RES MF 10K +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W103JT	RES MF 10K +/-5% 1/20W CH0201 RO				FENGHUA
22	RC0201FR-0712KL	RES MF 12K +/-1% 1/20W CH0201 RO	1		R5805	YAGEO
	WR02X1202FAL	RES MF 12K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF1202TEE	RES MF 12K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W1202FT	RES MF 12K +/-1% 1/20W CH0201 H0.26mm RO				FENGHUA
23	WR02X1802FAL	RES MF 18K +/-1% 1/20W CH0201 H0.26mm RO	1	R4912		WALSIN
	RC0201FR-0718KL	RES MF 18K +/-1% 1/20W CH0201 RO				YAGEO
	0201WMF1802TEE	RES MF 18K +/-1% 1/20W CH0201 H0.26mm RO				UNIOHM
	RC-01W1802FT	RES MF 18K +/-1% 1/20W CH0201 H0.26mm RO				FENGHUA
24	RC0201FR-0720KL	RES MF 20K +/-1% 1/20W CH0201 RO	2	R5310 R5316		YAGEO
	WR02X2002FAL	RES MF 20K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF2002TEE	RES MF 20K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W2002FT	RES MF 20K +/-1% 1/20W CH0201 RO				FENGHUA
25	RC0201JR-0733KL	RES MF 33K +/-5% 1/20W CH0201 RO	1	R5218		YAGEO
	WR02X333 JAL	RES MF 33K +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0333TEE	RES MF 33K +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W333JT	RES MF 33K +/-5% 1/20W CH0201 RO				FENGHUA
26	RC0201FR-0775KL	RES MF 75K +/-1% 1/20W CH0201 RO	1	R4906		YAGEO
	WR02X7502FAL	RES MF 75K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF7502TEE	RES MF 75K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W7502FT	RES MF 75K +/-1% 1/20W CH0201 H0.26mm RO				FENGHUA
27	RC0201FR-07100KL	RES MF 100K +/-1% 1/20W CH0201 RO	4	R0405 R2504	R4816 R4817	YAGEO
	0201WMF1003TEE	RES MF 100K +/-1% 1/20W CH0201 RO				UNIOHM
	WR02X1003FAL	RES MF 100K +/-1% 1/20W CH0201 RO				WALSIN

	RC-01W1003FT	RES MF 100K +/-1% 1/20W CH0201 RO				FENGHUA
28	RC0201JR-07100KL	RES MF 100K +/-5% 1/20W CH0201 RO	50	R1108 R4915 R4927 R4928 R4930 R4932 R4934 R5135 R5140 R5233 R5236 R5306 R5309 R5313 R5342 R5639 R5640 R5641 R5702 R5708 R5716 R6049 R6050	R1502 R1503 R2034 R4831 R4833 R4835 R4907 R5009 R5026 R5143 R5146 R5243 R5802 R5803 R5804 R5806 R5809 R5810 R5811 R5812 R5813 R5931 R6004 R6029 R6030 R6032 R6046	YAGEO
	WR02X104 JAL	RES MF 100K +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0104TEE	RES MF 100K +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W104JT	RES MF 100K +/-5% 1/20W CH0201 RO				FENGHUA
29	RC0201FR-07220KL	RES MF 220K +/-1% 1/20W CH0201 RO	4		R5404 R5405 R5406 R5407	YAGEO
	WR02X2203FAL	RES MF 220K +/-1% 1/20W CH0201 RO				WALSIN
	0201WMF2203TEE	RES MF 220K +/-1% 1/20W CH0201 RO				UNIOHM
	RC-01W2203FT	RES MF 220K +/-1% 1/20W CH0201 RO				FENGHUA
30	RC0201JR-07470KL	RES MF 470K +/-5% 1/20W CH0201 RO	2	R4909	R4814	YAGEO
	WR02X474 JAL	RES MF 470K +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0474TEE	RES MF 470K +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01W474JT	RES MF 470K +/-5% 1/20W CH0201 RO				FENGHUA
31	RC0201FR-07866KL	RES MF 866K +/-1% 1/20W CH0201 H0.26mm RO	1		R1501	YAGEO
	WR02X8663FAL	RES MF 866K +/-1% 1/20W CH0201 H0.26mm RO				WALSIN
	0201WMF8663TEE	RES MF 866K +/-1% 1/20W CH0201 H0.26mm RO				UNIOHM
	RC-01W8663FT	RES MF 866K +/-1% 1/20W CH0201 H0.26mm RO				FENGHUA
32	RC0201FR-071ML	RES MF 1M +/-1% 1/20W CH0201 RO	5	R5024 R5213 R5343	R5814 R6020	YAGEO
	0201WMF1004TEE	RES MF 1M +/-1% 1/20W CH0201 RO				UNIOHM
	WR02X1004FAL	RES MF 1M +/-1% 1/20W CH0201 RO				WALSIN
	RC-01W1004FT	RES MF 1M +/-1% 1/20W CH0201 RO				FENGHUA
33	RC0201JR-0710ML	RES MF 10M +/-5% 1/20W CH0201 RO	4		R2029 R2030 R2031 R2032	YAGEO
	WR02X106 JAL	RES MF 10M +/-5% 1/20W CH0201 RO				WALSIN
	0201WMJ0106TEE	RES MF 10M +/-5% 1/20W CH0201 RO				UNIOHM
	RC-01U106JT	RES MF 10M +/-5% 1/20W CH0201 RO				FENGHUA
34	RC0402JR-070RL	RES MF 0R +/-5% 1/16W CH0402 H0.4mm RO	39	R5002 R5027 R5028 R5029 R5030 R5031 R5225 R5237 R5238 R5239 R5240 R5241 R5501 R5525 R5604 R5609 R5613 R5615 R6014 R6060	R4809 R4827 R4832 R5152 R5155 R5247 R5413 R5417 R5418 R5419 R5815 R5916 R5917 R5923 R5928 R5929 R5932 R5933 R6051	YAGEO
	WR04X000 PTL	RES MF 0R +/-5% 1/16W CH0402 H0.4mm RO				WALSIN
	0402WGF0000TCE	RES MF 0R +/-5% 1/16W CH0402 H0.4mm RO				UNIOHM
	RC-02000JT	RES MF 0R Jumper ≤0.05ohm 1A CH0402 RO				FENGHUA
35	RC0402FR-075R1L	RES MF 5.1R +/-1% 1/16W CH0402 H0.4mm RO	2		R5930 R5936	YAGEO
	WR04W5R10FTL	RES MF 5.1R +/-1% 1/16W CH0402 H0.4mm RO				WALSIN
	0402WGF510KTCE	RES MF 5.1R +/-1% 1/16W CH0402 H0.4mm RO				UNIOHM
	RC-02U5R10FT	RES MF 5.1R +/-1% 1/16W CH0402 RO				FENGHUA
36	RC0603JR-070RL	RES MF 0R +/-5% 1/10W CH0603 H0.55mm RO	10	R4813 R4829 R4838 R4935 R5728 R5729 R5730	R4805 R4806 R4837	YAGEO
	WR06X000 PTL	RES MF 0R +/-5% 1/10W CH0603 H0.6mm RO				WALSIN
	0603WAJ0000T5E	RES MF 0R +/-5% 1/10W CH0603 H0.55mm RO				UNIOHM

	RS-03000JT	RES MF 0R Jumper ≤0.05ohm 1A CH0603 RO				FENGHUA
37	RC1206JR-070RL	RES MF 0R +/-5% 1/4W CH1206 H0.65mm RO	6	R4901 R4903 R4937 R4943 R5436 R5437		YAGEO
	WR12X000 PTL	RES MF 0R +/-5% 1/4W CH1206 H0.75mm RO				WALSIN
	1206W4J0000T5E	RES MF 0R +/-5% 1/4W CH1206 H0.65mm RO				UNIOHM
38	GRM0335C1HR30WA01D	CAP C0G 0.3pF +/-0.05pF 50V CH0201 RO	4	C2446 C2905 C2910 L2455		MURATA
	RF03N0R3A500CT	CAP C0G 0.3pF +/-0.05pF 50V CH0201 RO				WALSIN
	0201CG0R3A500NT	CAP C0G 0.3pF +/-0.05pF 50V CH0201 RO				FENGHUA
	V0R3A0201C0G500NAT	CAP C0G 0.3pF +/-0.05pF 50V CH0201 RO				VIIYONG
39	GRM0335C1HR30WA01D	CAP C0G 0.5pF +/-0.1pF 50V CH0201 RO	4	C2461 C2906	L2423 L2441	MURATA
	CC0201BRNPO9BNR50	CAP C0G 0.5pF +/-0.1pF 50V CH0201 RO				YAGEO
	RF03N0R5B500CT	CAP C0G 0.5pF +/-0.1pF 50V CH0201 RO				WALSIN
	0201CG0R5B500NT	CAP C0G 0.5pF +/-0.1pF 50V CH0201 RO				FENGHUA
	V0R5B0201C0G500NAT	CAP C0G 0.5pF +/-0.1pF 50V CH0201 RO				VIIYONG
40	CC0201BRNPO9BN1R0	CAP C0G 1.0pF +/-0.1pF 50V CH0201 RO	1		L2416	YAGEO
	GRM0335C1HR30WA01D	CAP C0G 1.0pF +/-0.1pF 50V CH0201 RO				MURATA
	0201N1R0B500CT	CAP C0G 1.0pF +/-0.1pF 50V CH0201 RO				WALSIN
	0201CG1R0B500NT	CAP C0G 1.0pF +/-0.1pF 50V CH0201 RO				FENGHUA
	V1R0B0201C0G500NAT	CAP C0G 1.0pF +/-0.1pF 50V CH0201 RO				VIIYONG
41	CC0201BRNPO9BN1R2	CAP C0G 1.2pF +/-0.1pF 50V CH0201 RO	1	C2113		YAGEO
	GRM0335C1HR2BA01D	CAP C0G 1.2pF +/-0.1pF 50V CH0201 RO				MURATA
	0201N1R2B500CT	CAP C0G 1.2pF +/-0.1pF 50V CH0201 RO				WALSIN
	V1R2B0201C0G500NAT	CAP C0G 1.2pF +/-0.1pF 50V CH0201 RO				VIIYONG
	0201CG1R2B500NT	CAP C0G 1.2pF +/-0.1pF 50V CH0201 RO				FENGHUA
42	CC0201CRNPO9BN1R2	CAP C0G 1.2pF +/-0.25pF 50V CH0201 RO	7	C2740 C2741 L2332 L2428 L2442 L2701 L2712		YAGEO
	GRM0335C1H1R2CA01D	CAP C0G 1.2pF +/-0.25pF 50V CH0201 RO				MURATA
	0201N1R2C500CT	CAP C0G 1.2pF +/-0.25pF 50V CH0201 RO				WALSIN
	0201CG1R2C500NT	CAP C0G 1.2pF +/-0.25pF 50V CH0201 RO				FENGHUA
	V1R2C0201C0G500NAT	CAP C0G 1.2pF +/-0.25pF 50V CH0201 RO				VIIYONG
43	CC0201BRNPO9BN2R2	CAP C0G 2.2pF +/-0.1pF 50V CH0201 RO	1	C2122		YAGEO
	GRM0335C1H2R2BA01D	CAP C0G 2.2pF +/-0.1pF 50V CH0201 RO				MURATA
	0201N2R2B500CT	CAP C0G 2.2pF +/-0.1pF 50V CH0201 RO				WALSIN
	V2R2B0201C0G500NAT	CAP C0G 2.2pF +/-0.1pF 50V CH0201 RO				VIIYONG
	0201CG2R2B500NT	CAP C0G 2.2pF +/-0.1pF 50V CH0201 RO				FENGHUA
44	CC0201BRNPO9BN5R6	CAP C0G 5.6pF +/-0.1pF 50V CH0201 RO	1	C3115		YAGEO
	GRM0335C1H5R6BA01D	CAP C0G 5.6pF +/-0.1pF 50V CH0201 RO				MURATA
	0201N5R6B500CT	CAP C0G 5.6pF +/-0.1pF 50V CH0201 RO				WALSIN
	0201CG5R6B500NT	CAP C0G 5.6pF +/-0.1pF 50V CH0201 RO				FENGHUA
	V5R6B0201C0G500NAT	CAP C0G 5.6pF +/-0.1pF 50V CH0201 RO				VIIYONG
45	GRM0335C1H9R0CA01D	CAP C0G 9.0pF +/-0.25pF 50V CH0201 RO	1	C2452		MURATA
	CC0201CRNPO9BN9R0	CAP C0G 9.0pF +/-0.25pF 50V CH0201 RO				YAGEO
	0201N9R0C500CT	CAP C0G 9.0pF +/-0.25pF 50V CH0201 RO				WALSIN
	0201CG9R0C500NT	CAP C0G 9.0pF +/-0.25pF 50V CH0201 RO				FENGHUA
	V9R0C0201C0G500NAT	CAP C0G 9.0pF +/-0.25pF 50V CH0201 RO				VIIYONG
46	CC0201JRNPO9BN100	CAP C0G 10pF +/-5% 50V CH0201 RO	1	C0301		YAGEO
	GRM0335C1H100JA01D	CAP C0G 10pF +/-5% 50V CH0201 RO				MURATA
	0201N100J500CT	CAP C0G 10pF +/-5% 50V CH0201 RO				WALSIN
	V100J0201C0G500NAT	CAP C0G 10pF +/-5% 50V CH0201 RO				VIIYONG

	0201CG100J500NT	CAP C0G 10pF +/-5% 50V CH0201 RO				FENGHUA
47	CC0201JRNPO9BN180	CAP C0G 18pF +/-5% 50V CH0201 RO	6	C5202 C5203	C1601 C1602 C5809 C5810	YAGEO
	GRM0335C1H180JA01D	CAP C0G 18pF +/-5% 50V CH0201 RO				MURATA
	0201N180J500CT	CAP C0G 18pF +/-5% 50V CH0201 RO				WALSIN
	0201CG180J500NT	CAP C0G 18pF +/-5% 50V CH0201 RO				FENGHUA
	V180J0201C0G500NAT	CAP C0G 18pF +/-5% 50V CH0201 RO				VIIYONG
48	CC0201JRNPO9BN220	CAP C0G 22pF +/-5% 50V CH0201 RO	26	C0302 C2103 C2104 C2110 C2111 C2116 C2125 C2127 C2315 C2320 C2355 C2358 C2508 C2509 C3108 C3116 C3117 C4904 C4933	C2204 C2209 C2213 C2216 C2222 C2346 C2348	YAGEO
	GRM0335C1H220JA01D	CAP C0G 22pF +/-5% 50V CH0201 RO				MURATA
	0201N220J500CT	CAP C0G 22pF +/-5% 50V CH0201 RO				WALSIN
	V220J0201C0G500NAT	CAP C0G 22pF +/-5% 50V CH0201 RO				VIIYONG
	0201CG220J500NT	CAP C0G 22pF +/-5% 50V CH0201 RO				FENGHUA
49	CC0201JRNPO9BN270	CAP C0G 27pF +/-5% 50V CH0201 RO	2	C3002 C3005		YAGEO
	0201N270J500CT	CAP C0G 27pF +/-5% 50V CH0201 RO				WALSIN
	0201CG270J500NT	CAP C0G 27pF +/-5% 50V CH0201 RO				FENGHUA
	V270J0201C0G500NAT	CAP C0G 27pF +/-5% 50V CH0201 RO				VIIYONG
	GRM0335C1H270JA01D	CAP C0G 27pF +/-5% 50V CH0201 RO				MURATA
50	CC0201JRNPO9BN330	CAP C0G 33pF +/-5% 50V CH0201 RO	88	R2201 R2205 C2228 C2301 C2302 C2303 C2304 C2308 C2313 C2314 C2321 C2329 C2330 C2331 C2333 C2338 C2350 C2353 C2356 C2357 C2401 C2408 C2411 C2412 C2415 C2420 C2421 C2434 C2435 C2437 C2438 C2447 C2451 C2455 C2458 C2501 C2502 C2515 C2522 C2608 C2610 C2613 C2616 C2620 C2625 C2702 C2703 C2707 C2714 C2717 C2734 C2735 C2737 C2738 C2739 C2901 C2902 C3125 C3129 C3131 C3132 C3133 C3135 C4819 C5213 C5302 C5405 C5912 C5913 L2439	C2223 C2229 C2311 C2316 C2322 C2336 C2339 C2347 C2456 C4719 C4825 C4830 C5106 C5413 C5414 C5909 C5917 C5923	YAGEO
	0201N330J500CT	CAP C0G 33pF +/-5% 50V CH0201 RO				WALSIN
	0201CG330J500NT	CAP C0G 33pF +/-5% 50V CH0201 RO				FENGHUA
	V330J0201C0G500NAT	CAP C0G 33pF +/-5% 50V CH0201 RO				VIIYONG
	GRM0335C1H330JA01D	CAP C0G 33pF +/-5% 50V CH0201 RO				MURATA
51	GRM0335C1E330JA01D	CAP C0G 33pF +/-5% 25V CH0201 RO	4	C2615 C2623 C2720 C3109		MURATA
	0201N330J250CT	CAP C0G 33pF +/-5% 25V CH0201 RO				WALSIN
	0201CG330J250NT	CAP C0G 33pF +/-5% 25V CH0201 RO				FENGHUA
	V330J0201C0G250NAT	CAP C0G 33pF +/-5% 25V CH0201 RO				VIIYONG
	CC0201JRNPO8BN330	CAP C0G 33pF +/-5% 25V CH0201 RO				YAGEO
52	CC0201JRNPO9BN101	CAP C0G 100pF +/-5% 50V CH0201 RO	22	C2102 C2118 C2525 C2532 C2618 C2915 C2916 C3012 C3022 C4804 C4910 C4916 C4925 C4928 C5726 C5727 C5728	C2202 C2205 C2220 C2221 C2230	YAGEO
	GRM0335C1H101JA01D	CAP C0G 100pF +/-5% 50V CH0201 RO				MURATA
	0201N101J500CT	CAP C0G 100pF +/-5% 50V CH0201 RO				WALSIN
	0201CG101J500NT	CAP C0G 100pF +/-5% 50V CH0201 RO				FENGHUA
	V101J0201C0G500NAT	CAP C0G 100pF +/-5% 50V CH0201 RO				VIIYONG
53	CC0201JRNPO8BN101	CAP C0G 100pF +/-5% 25V CH0201 RO	4	C2506 C2526	C2210 C2227	YAGEO
	GRM0335C1E101JA01D	CAP C0G 100pF +/-5% 25V CH0201 RO				MURATA
	0201N101J250CT	CAP C0G 100pF +/-5% 25V CH0201 RO				WALSIN
	0201CG101J250NT	CAP C0G 100pF +/-5% 25V CH0201 RO				FENGHUA
	V101J0201C0G250NAT	CAP C0G 100pF +/-5% 25V CH0201 RO				VIIYONG
	CC0201KRX7R9BB271	CAP X7R 270pF +/-10% 50V CH0201 RO				YAGEO

54	GRM033R71H271KA12D	CAP X7R 270pF +/-10% 50V CH0201 RO	1		C2802	MURATA
	0201B271K500CT	CAP X7R 270pF +/-10% 50V CH0201 RO				WALSIN
	0201B271K500NT	CAP X7R 270pF +/-10% 50V CH0201 RO				FENGHUA
	V271K0201X7R500NAT	CAP X7R 270pF +/-10% 50V CH0201 RO				VIIYONG
55	CC0201KRX7R8BB471	CAP X7R 470pF +/-10% 25V CH0201 RO	1	C4718		YAGEO
	GRM033R71E471KA01D	CAP X7R 470pF +/-10% 25V CH0201 RO				MURATA
	0201B471K250CT	CAP X7R 470pF +/-10% 25V CH0201 RO				WALSIN
	0201B471K250NT	CAP X7R 470pF +/-10% 25V CH0201 RO				FENGHUA
	V471K0201X7R250NAT	CAP X7R 470pF +/-10% 25V CH0201 RO				VIIYONG
56	CC0201KRX7R8BB681	CAP X7R 680pF +/-10% 25V CH0201 RO	2	C4716 C4717		YAGEO
	GRM033R71E681KA01D	CAP X7R 680pF +/-10% 25V CH0201 RO				MURATA
	0201B681K250CT	CAP X7R 680pF +/-10% 25V CH0201 RO				WALSIN
	0201B681K250NT	CAP X7R 680pF +/-10% 25V CH0201 RO				FENGHUA
	V681K0201X7R250NAT	CAP X7R 680pF +/-10% 25V CH0201 RO				VIIYONG
57	CC0201KRX7R8BB102	CAP X7R 1nF +/-10% 25V CH0201 RO	6	C4915 C4927 C4929 C4932 C5001	C1105	YAGEO
	0201B102K250CT	CAP X7R 1nF +/-10% 25V CH0201 RO				WALSIN
	0201B102K250NT	CAP X7R 1nF +/-10% 25V CH0201 RO				FENGHUA
	V102K0201X7R250NAT	CAP X7R 1nF +/-10% 25V CH0201 RO				VIIYONG
	GRM033R71E102KA01D	CAP X7R 1nF +/-10% 25V CH0201 RO				MURATA
58	CC0201KRX5R8BB103	CAP X5R 10nF +/-10% 25V CH0201 H0.33mm RO	7	C5002 C5005 C5006 C5007 C5008 C5015 C5016		YAGEO
	0201X103K250CT	CAP X5R 10nF +/-10% 25V CH0201 H0.33mm RO				WALSIN
	0201X103K250NT	CAP X5R 10nF +/-10% 25V CH0201 H0.33mm RO				FENGHUA
	V103K0201X5R250NAT	CAP X5R 10nF +/-10% 25V CH0201 H0.33mm RO				VIIYONG
59	CC0201KRX5R6BB103	CAP X5R 10nF +/-10% 10V CH0201 RO	7	C2106 C2112 C2117 C3006 C3013 C3020 C3024		YAGEO
	0201X103K100CT	CAP X5R 10nF +/-10% 10V CH0201 RO				WALSIN
	0201X103K100NT	CAP X5R 10nF +/-10% 10V CH0201 RO				FENGHUA
	V103K0201X5R100NAT	CAP X5R 10nF +/-10% 10V CH0201 RO				VIIYONG
	GRM033R61A103KA01D	CAP X5R 10nF +/-10% 10V CH0201 RO				MURATA
60	CC0201KRX5R5BB333	CAP X5R 33nF +/-10% 6.3V CH0201 RO	1	C2604		YAGEO
	0201X333K6R3CT	CAP X5R 33nF +/-10% 6.3V CH0201 RO				WALSIN
	GRM033R60J333KE01D	CAP X5R 33nF +/-10% 6.3V CH0201 RO				MURATA
	0201X333K6R3NT	CAP X5R 33nF +/-10% 6.3V CH0201 RO				FENGHUA
	V333K0201X5R6R3NAT	CAP X5R 33nF +/-10% 6.3V CH0201 RO				VIIYONG
61	CC0201KRX5R5BB473	CAP X5R 47nF +/-10% 6.3V CH0201 RO	1		C5921	YAGEO
	GRM033R60J473KE19D	CAP X5R 47nF +/-10% 6.3V CH0201 RO				MURATA
	0201X473K6R3CT	CAP X5R 47nF +/-10% 6.3V CH0201 RO				WALSIN
	V473K0201X5R6R3NAT	CAP X5R 47nF +/-10% 6.3V CH0201 RO				VIIYONG
	0201X473K6R3NT	CAP X5R 47nF +/-10% 6.3V CH0201 RO				FENGHUA
62	CC0201KRX5R5BB104	CAP X5R 100nF +/-10% 6.3V CH0201 RO	78	C0916 C0917 C1102 C1802 C1804 C3119 C3126 C4705 C5003 C5004 C5009 C5010 C5014 C5204 C5205 C5206 C5207 C5210 C5212 C5215 C5216 C5218 C5219 C5222 C5223 C5224 C5225 C5226 C5227 C5229 C5231 C5232 C5234 C5236 C5239 C5502 C5503 C5504 C5513 C5514	C0526 C0531 C0532 C0533 C0534 C0610 C0618 C0621 C0623 C0639 C0640 C0713 C0720 C0729 C0732 C0733 C1005 C1006 C1007 C1008 C1009 C1110 C1501 C1603 C1606 C2001 C2002 C5412 C5806 C5807 C5808 C5811 C5812 C5814 C6107 C6108 C6115 C6116	YAGEO
	CL03A104KQ3NNNC	CAP X5R 100nF +/-10% 6.3V CH0201 RO				SAMSUNG
	0201X104K6R3CT	CAP X5R 100nF +/-10% 6.3V CH0201 RO				WALSIN
	0201X104K6R3NT	CAP X5R 100nF +/-10% 6.3V CH0201 RO				FENGHUA
	V104K0201X5R6R3NAT	CAP X5R 100nF +/-10% 6.3V CH0201 RO				VIIYONG

	GRM033R60J104KE19D	CAP X5R 100nF +/-10% 6.3V CH0201 RO				MURATA
63	CC0201KRX5R7BB104	CAP X5R 100nF +/-10% 16V CH0201 RO	23	C2115 C2119 C2123 C2504 C2519 C4808 C4951 C4952 C5103 C5108 C5209 C5416 C5602	C2214 C2218 C4827 C4841 C4842 C5023 C5024 C5102 C5113 C5114	YAGEO
	GRM033R61C104KE84D	CAP X5R 100nF +/-10% 16V CH0201 RO				MURATA
	0201X104K160CT	CAP X5R 100nF +/-10% 16V CH0201 RO				WALSIN
	0201X104K160NT	CAP X5R 100nF +/-10% 16V CH0201 RO				FENGHUA
	V104K0201X5R160NAT	CAP X5R 100nF +/-10% 16V CH0201 RO				VIIYONG
64	CC0201KRX5R6BB104	CAP X5R 100nF +/-10% 10V CH0201 RO	44	C2224 C2307 C2344 C2345 C2349 C2352 C2359 C2367 C2426 C2457 C2606 C2619 C2723 C2736 C3110 C3112 C4703 C4704 C4715 C4816 C4826 C5303 C5306 C5309 C5608 C5609 C5610 C5702 C5703 C5705 C5706 C5709 C5710 C6024 C6025	C2418 C4801 C4815 C4831 C6013 C6014 C6015 C6017 C6018	YAGEO
	0201X104K100CT	CAP X5R 100nF +/-10% 10V CH0201 RO				WALSIN
	CL03A104KP3NNNC	CAP X5R 100nF +/-10% 10V CH0201 RO				SAMSUNG
	V104K0201X5R100NAT	CAP X5R 100nF +/-10% 10V CH0201 RO				VIIYONG
	0201X104K100NT	CAP X5R 100nF +/-10% 10V CH0201 RO				FENGHUA
	GRM033R61A104KE15D	CAP X5R 100nF +/-10% 10V CH0201 RO				MURATA
						YAGEO
65	CC0201MRX5R5BB224	CAP X5R 220nF +/-20% 6.3V CH0201 RO	5	C4710	C2009 C2010 C2011 C2012	SAMSUNG
	CL03A224MQ3NNNC	CAP X5R 220nF ±20% 6.3V CH0201 RO				WALSIN
	0201X224M6R3CT	CAP X5R 220nF +/-20% 6.3V CH0201 RO				VIIYONG
	V224M0201X5R6R3NJT	CAP X5R 220nF +/-20% 6.3V CH0201 RO				FENGHUA
	0201X224M6R3NT	CAP X5R 220nF +/-20% 6.3V CH0201 RO				MURATA
	GRM033R60J224ME15D	CAP X5R 220nF +/-20% 6.3V CH0201 RO				YAGEO
66	CC0201KRX5R6BB224	CAP X5R 220nF +/-10% 10V CH0201 RO	5	C5022	C5401 C5407 C5408 C5409	MURATA
	GRM033R61A224KE90D	CAP X5R 220nF +/-10% 10V CH0201 RO				WALSIN
	0201X224K100CT	CAP X5R 220nF +/-10% 10V CH0201 RO				FENGHUA
	0201X224K100NT	CAP X5R 220nF +/-10% 10V CH0201 RO				VIIYONG
	V224K0201X5R100NJT	CAP X5R 220nF +/-10% 10V CH0201 RO				
67	0201X334M6R3NT	CAP X5R 330nF +/-20% 6.3V CH0201 H0.35mm RO	4		C5402 C5403 C5404 C5411	FENGHUA
	GRM033R60J334ME90D	CAP X5R 330nF +/-20% 6.3V CH0201 H0.33mm RO				MURATA
	0201X334M6R3CT	CAP X5R 330nF +/-20% 6.3V CH0201 H0.35mm RO				WALSIN
	V334M0201X5R6R3NJT	CAP X5R 330nF +/-20% 6.3V CH0201 H0.35mm RO				VIIYONG
68	CC0201MRX5R5BB474	CAP X5R 470nF +/-20% 6.3V CH0201 RO	22	C2109 C3003 C3004 C4701 C4711 C4712 C4713 C4949 C4950 C4953 C5111 C5704 C5711 C5724 C6022	C4843 C5025 C5115 C5241 C6020 C6021 C6029	YAGEO
	GRM033R60J474ME90D	CAP X5R 470nF +/-20% 6.3V CH0201 RO				MURATA
	0201X474M6R3CT	CAP X5R 470nF +/-20% 6.3V CH0201 RO				WALSIN
	CL03A474MQ3NNNC	CAP X5R 470nF +/-20% 6.3V CH0201 RO				SAMSUNG
	0201X474M6R3NT	CAP X5R 470nF +/-20% 6.3V CH0201 RO				FENGHUA
	V474M0201X5R6R3NJT	CAP X5R 470nF +/-20% 6.3V CH0201 RO				VIIYONG

69	CC0201MRX5R5BB105	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	152	C0905 C0913 C0914 C0915 C0918 C0919 C0920 C0921 C0922 C0923 C0924 C0926 C0927 C0928 C1312 C1701 C1801 C1803 C2108 C4702 C4706 C4708 C5012 C5017 C5018 C5019 C5020 C5021 C5201 C5208 C5319 C5906 C5907 C6001	C0510 C0511 C0512 C0513 C0514 C0523 C0525 C0535 C0536 C0537 C0538 C0611 C0612 C0613 C0614 C0615 C0616 C0619 C0625 C0626 C0627 C0629 C0630 C0631 C0632 C0633 C0634 C0635 C0636 C0637 C0638 C0641 C0642 C0643 C0644 C0645 C0646 C0647 C0648 C0701 C0702 C0703 C0704 C0705 C0706 C0707 C0708 C0709 C0710 C0711 C0712 C0714 C0715 C0716 C0717 C0718 C0719 C0721 C0722 C0723 C0724 C0725 C0726 C0727 C0728 C0734 C0901 C0902 C0903 C0904 C0912 C0925 C1011 C1101 C1103 C1104 C1201 C1211 C1301 C1302 C1305 C1307 C1309 C1310 C1317 C1318 C1319 C1320 C1401 C1402 C1604 C1605 C1703 C2003 C2004 C2006 C2007 C5240 C5517 C5518 C5519 C5520 C5521 C5522 C5523 C5524 C5618 C5619 C5802 C5803 C5804 C5805 C5815 C5816 C5915 C5916 C6009 C6028	YAGEO
	JMK063ABJ105MP-F	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO				TAIYO
	CL03A105MQ3CSNH	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO				SAMSUNG
	GRM033R60J105ME4Z	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO				MURATA
	0201X105M6R3CT	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO				WALSIN
70	GRM033R61A105ME44D	CAP X5R 1uF +/-20% 10V CH0201 RO	14	C1705 C2101 C2121 C3001 C3021 C5605 C5719 C5720 C5721 C6007	C1704 C1706 C2803 C5818	MURATA
	CC0201MRX5R6BB105	CAP X5R 1.0uF +/-20% 10V CH0201 RO				YAGEO
	LDK063ABJ105MP-F	CAP X5R 1.0uF +/-20% 10V CH0201 RO				TAIYO
	CL03A105MP3NSNC	CAP X5R 1.0uF +/-20% 10V CH0201 RO				SAMSUNG
71	CC0201MRX5R5BB225	CAP X5R 2.2uF +/-20% 6.3V CH0201 RO	30	C5013 C5211 C5214 C5217 C5230 C5233 C5235 C5238 C5501 C5516	C0509 C0515 C0516 C0517 C0527 C0528 C0529 C0530 C0609 C0617 C0620 C0622 C0624 C0628 C0730 C0731 C1004 C1306 C1308 C1316	YAGEO
	CL03A225MQ3CRNC	CAP X5R 2.2uF +/-20% 6.3V CH0201 RO				SAMSUNG
	JMK063BBJ225MP-F	CAP X5R 2.2uF +/-20% 6.3V CH0201 RO				TAIYO
	GRM033R60J225ME47D	CAP X5R 2.2uF +/-20% 6.3V CH0201 RO				MURATA
	CM03X5R225M06AH	CAP X5R 2.2uF +/-20% 6.3V CH0201 RO				KYOCERA
72	GRM035R60J475ME15D	CAP X5R 4.7uF +/-20% 6.3V CH0201 RO	1	C5220		MURATA
	JDK063BBJ475MV-AT	CAP X5R 4.7uF +/-20% 6.3V CH0201 RO				TAIYO
	CM03X5R475M06AH055	CAP X5R 4.7uF +/-20% 6.3V CH0201 RO				KYOCERA
	CL03A475MQ5C65C	CAP X5R 4.7uF +/-20% 6.3V CH0201 H0.55mm RO				SAMSUNG
73	CC0402KRX5R9BB104	CAP X5R 100nF +/-10% 50V CH0402 H0.55mm RO	4	C4913 C4921 C4945	C5105	YAGEO
	0402X104K500CT	CAP X5R 100nF +/-10% 50V CH0402 H0.7mm RO				WALSIN
	GRM155R61H104KE19D	CAP X5R 100nF +/-10% 50V CH0402 H0.55mm RO				MURATA
74	CC0402KRX7R7BB104	CAP X7R 100nF +/-10% 16V CH0402 H0.55mm RO	4	C4901 C4911 C6004 C6005		YAGEO
	0402B104K160CT	CAP X7R 100nF +/-10% 16V CH0402 H0.55mm RO				WALSIN
	0402B104K160NT	CAP X7R 100nF +/-10% 16V CH0402 RO				FENGHUA
	V104K0402X7R160NBT	CAP X7R 100nF +/-10% 16V CH0402 RO				VIIYONG

	GRM155R71C104KA88D	CAP X7R 100nF +/-10% 16V CH0402 H0.55mm RO				MURATA
75	CC0402KRX5R5BB105	CAP X5R 1uF +/-10% 6.3V CH0402 H0.55mm RO	7	C4707 C5525 C5601 C5606	C1003 C4930 C5603	YAGEO
	GRM155R60J105KE19D	CAP X5R 1.0uF +/-10% 6.3V CH0402 H0.55mm RO				MURATA
	CL05A105KQ5NNNC	CAP X5R 1uF +/-10% 6.3V CH0402 H0.55mm RO				SAMSUNG
	JMK105BJ105KV-F	CAP X5R 1uF +/-10% 6.3V CH0402 H0.55mm RO				TAIYO
76	CC0402KRX5R6BB105	CAP X5R 1uF +/-10% 10V CH0402 H0.55mm RO	2	C4917 C4918		YAGEO
	LMK105BJ105KV-F	CAP X5R 1uF +/-10% 10V CH0402 H0.55mm RO				TAIYO
	CL05A105KP5NNNC	CAP X5R 1uF +/-10% 10V CH0402 H0.55mm RO				SAMSUNG
	GRM155R61A105KE15D	CAP X5R 1.0uF +/-10% 10V CH0402 H0.55mm RO				MURATA
77	CC0402KRX5R7BB105	CAP X5R 1uF +/-10% 16V CH0402 H0.55mm RO	5	C5722 C5723 C5725	C5242 C6030	YAGEO
	CL05A105KO5NNNC	CAP X5R 1uF +/-10% 16V CH0402 H0.55mm RO				SAMSUNG
	GRM155R61C105KA12D	CAP X5R 1uF +/-10% 16V CH0402 H0.55mm RO				MURATA
	EMK105BJ105KV-F	CAP X5R 1uF +/-10% 16V CH0402 H0.55mm RO				TAIYO
78	CC0402MRX5R5BB225	CAP X5R 2.2uF +/-20% 6.3V CH0402 H0.55mm RO	2	C3007 C3018		YAGEO
	JMK105BJ225MV-F	CAP X5R 2.2uF +/-20% 6.3V CH0402 H0.55mm RO				TAIYO
	CL05A225MQ5NNNC	CAP X5R 2.2uF +/-20% 6.3V CH0402 H0.55mm RO				SAMSUNG
	GRM155R60J225ME15D	CAP X5R 2.2uF +/-20% 6.3V CH0402 H0.55mm RO				MURATA
79	CC0402MRX5R6BB225	CAP X5R 2.2uF +/-20% 10V CH0402 H0.55mm RO	2	C6006 C6019		YAGEO
	CL05A225MP5NNNC	CAP X5R 2.2uF +/-20% 10V CH0402 H0.55mm RO				SAMSUNG
	LMK105BJ225MV-F	CAP X5R 2.2uF +/-20% 10V CH0402 H0.55mm RO				TAIYO
	GRM155R61A225ME95D	CAP X5R 2.2uF +/-20% 10V CH0402 H0.55mm RO				MURATA
80	CC0402MRX5R5BB475	CAP X5R 4.7uF +/-20% 6.3V CH0402 H0.65mm RO	16	C2513 C3009 C3011 C3015	C0929 C0930 C1001 C1002 C1205 C1311 C1314 C1315 C2201 C2801 C4924 C5813	YAGEO
	GRM155R60J475ME47D	CAP X5R 4.7uF +/-20% 6.3V CH0402 H0.6mm RO				MURATA
	CL05A475MQ5NRNC	CAP X5R 4.7uF +/-20% 6.3V CH0402 H0.65mm RO				SAMSUNG
	JMK105BBJ475MV-F	CAP X5R 4.7uF +/-20% 6.3V CH0402 H0.65mm RO				TAIYO
81	GRM155R61A475MEAAD	CAP X5R 4.7uF +/-20% 10V CH0402 H0.65mm RO	4	C4714 C4812	C4821 C5903	MURATA
	CL05A475MP5NRNC	CAP X5R 4.7uF +/-20% 10V CH0402 H0.65mm RO				SAMSUNG
	LMK105BBJ475MVLFF	CAP X5R 4.7uF +/-20% 10V CH0402 H0.65mm RO				TAIYO
82	CC0402MRX5R5BB106	CAP X5R 10uF +/-20% 6.3V CH0402 H0.7mm RO	52	C1313 C2124 C2512 C3010 C5228	C0501 C0502 C0503 C0504 C0505 C0506 C0507 C0508 C0518 C0519 C0520 C0521 C0522 C0524 C0539 C0601 C0602 C0603 C0604 C0605	YAGEO
	JMK105CBJ106MV-F	CAP X5R 10uF +/-20% 6.3V CH0402 H0.7mm RO				TAIYO

	GRM155R60J106ME44D	CAP X5R 10uF +/-20% 6.3V CH0402 H0.7mm RO		C6002	C0606 C0607 C0608 C0649 C065C C0737 C0906 C0907 C0908 C0909 C0910 C0911 C1107 C1109 C1202 C1207 C1208 C1209 C1210 C1213	MURATA
	CL05A106MQ5NUNC	CAP X5R 10uF +/-20% 6.3V CH0402 H0.7mm RO				SAMSUNG
83	CL05A106MP5NUNC	CAP X5R 10uF +/-20% 10V CH0402 H0.7mm RO	6	C4814 C5701 C5712 C5718	C4823 C5902	SAMSUNG
	GRM155R61A106ME11D	CAP X5R 10uF +/-20% 10V CH0402 H0.7mm RO				MURATA
	CM05X5R106M10AH	CAP X5R 10uF +/-20% 10V CH0402 H0.7mm RO				KYOCERA
84	CC0603KRX5R9BB105	CAP X5R 1uF +/-10% 50V CH0603 H1.0mm RO	3		C5908 C5918 C5920	YAGEO
	0603X105K500CT	CAP X5R 1uF +/-10% 50V CH0603 H0.95mm RO				WALSIN
	CL10A105KB8NNNC	CAP X5R 1uF +/-10% 50V CH0603 H0.9mm RO				SAMSUNG
85	CC0603KRX5R7BB475	CAP X5R 4.7uF +/-10% 16V CH0603 H0.95mm RO	3		C5901 C5905 C5910	YAGEO
	EMK107ABJ475KA-T	CAP X5R 4.7uF +/-10% 16V CH0603 H0.95mm RO				TAIYO
	CL10A475KO8NNNC	CAP X5R 4.7uF +/-10% 16V CH0603 H0.9mm RO				SAMSUNG
	GRM188R61C475KAAJD	CAP X5R 4.7uF +/-10% 16V CH0603 H0.95mm RO				MURATA
86	TMK107BBJ106MA-T	CAP X5R 10uF +/-20% 25V CH0603 1.6x0.8mm H1mm RO	10	C4811 C4822 C4907 C4914 C6023	C4813 C4824 C5922 C5924 C6016	TAIYO
	CL10A106MA8NRNC	CAP X5R 10uF +/-20% 25V CH0603 1.6x0.8mm H1mm RO				SAMSUNG
	GRM188R61E106KA73D	CAP X5R 10uF +/-20% 25V CH0603 1.6x0.8mm H1mm RO				MURATA
87	CL10A106MO8NQNC	CAP X5R 10uF +/-20% 16V CH0603 H0.95mm RO	9	C4954 C5104	C4844 C5026 C5101 C5112 C5904 C5911 C5914	SAMSUNG
88	CC0603MRX5R6BB226	CAP X5R 22uF +/-20% 10V CH0603 1.6x0.8mm H1mm RO	10	C1111 C4902 C4908 C4912 C4922 C4923 C4931 C4934 C4935	C6010	YAGEO
	GRM188R61A226ME15D	CAP X5R 22uF +/-20% 10V CH0603 1.6x0.8mm H1mm RO				MURATA
	LMK107BBJ226MA-T	CAP X5R 22uF +/-20% 10V CH0603 1.6x0.8mm H1.0mm RO				TAIYO
	CL10A226MP8NUNE	CAP X5R 22uF +/-20% 10V CH0603 1.6x0.8mm H1.05mm RO				SAMSUNG
89	GRM21BR61E226ME44L	CAP X5R 22uF +/-20% 25V CH0805 2.0x1.25mm H1.45mm RO	7	C4903 C4905 C4909 C4936 C4947 C5410	C5107	MURATA
	CL21A226MAYNNNE	CAP X5R 22uF +/-20% 25V CH0805 2.0x1.25mm H1.45mm RO				SAMSUNG
	TMK212BBJ226MG-TT	CAP X5R 22uF +/-20% 25V CH0805 2.0x1.25mm H1.45mm RO				TAIYO
90	MLG0603P0N6BTZ10	IND HIGH HQ 0.6nH +/-0.1nH CH0201 RO	5	C2405 C2413 C2428 C2448	C2406	TDK
	LQP03TN0N6B02D	IND HIGH HQ 0.6nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q0N6BT02B03	IND HIGH HQ 0.6nH +/-0.1nH CH0201 RO				SUNLORD
91	MLG0603P1N0BTZ10	IND HIGH HQ 1.0nH +/-0.1nH CH0201 RO	2	C2211	C2445	TDK
	LQP03TN1N0B02D	IND HIGH HQ 1.0nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q1N0BT02B03	IND HIGH HQ 1.0nH +/-0.1nH CH0201 RO				SUNLORD
92	MLG0603P1N2BTZ10	IND HIGH HQ 1.2nH +/-0.1nH CH0201 RO	3	C2417 C2454 C2459		TDK
	LQP03TN1N2B02D	IND HIGH HQ 1.2nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q1N2BT02B03	IND HIGH HQ 1.2nH +/-0.1nH CH0201 RO				SUNLORD
	MLG0603P1N6BTZ10	IND HIGH HQ 1.6nH +/-0.1nH CH0201 RO				TDK

93	SDCL0603Q1N6BT02B03	IND HIGH HQ 1.6nH +/-0.1nH CH0201 RO	1		C2424	SUNLORD
	LQP03TN1N6B02D	IND HIGH HQ 1.6nH +/-0.1nH CH0201 RO				MURATA
94	MLG0603P1N8BTZ10	IND HIGH HQ 1.8nH +/-0.1nH CH0201 RO	5	R2903 C2403 C2409 C2423	C2225	TDK
	LQP03TN1N8B02D	IND HIGH HQ 1.8nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q1N8BT02B03	IND HIGH HQ 1.8nH +/-0.1nH CH0201 RO				SUNLORD
95	MLG0603P1N9BTZ10	IND HIGH HQ 1.9nH +/-0.1nH CH0201 RO	1	L2108		TDK
	LQP03TN1N9B02D	IND HIGH HQ 1.9nH +/-0.1nH CH0201 RO				MURATA
96	MLG0603P2N0BTZ10	IND HIGH HQ 2.0nH +/-0.1nH CH0201 RO	15	L2301 L2329 L2338 L2405 L2409 L2601 L2603 L2702 L2706 L2714 L2715 L3001 L3002 L3108	L2350	TDK
	LQP03TN2N0B02D	IND HIGH HQ 2.0nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q2N0BT02B03	IND HIGH HQ 2.0nH +/-0.1nH CH0201 RO				SUNLORD
97	MLG0603P2N2BTZ10	IND HIGH HQ 2.2nH +/-0.1nH CH0201 RO	3	R2904 C2444	C2432	TDK
	LQP03TN2N2B02D	IND HIGH HQ 2.2nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q2N2BT02B03	IND HIGH HQ 2.2nH +/-0.1nH CH0201 RO				SUNLORD
98	MLG0603P2N7BTZ10	IND HIGH HQ 2.7nH +/-0.1nH CH0201 RO	3	L2418 L2440	L2420	TDK
	LQP03TN2N7B02D	IND HIGH HQ 2.7nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q2N7BT02B03	IND HIGH HQ 2.7nH +/-0.1nH CH0201 RO				SUNLORD
99	MLG0603P3N0BTZ10	IND HIGH HQ 3.0nH +/-0.1nH CH0201 RO	8	C2410 C2425 C2431 C2443 C2463	C2407 C2442 C2449	TDK
	LQP03TN3N0B02D	IND HIGH HQ 3.0nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q3N0BT02B03	IND HIGH HQ 3.0nH +/-0.1nH CH0201 RO				SUNLORD
100	MLG0603P3N3BTZ10	IND HIGH HQ 3.3nH +/-0.1nH CH0201 RO	4	L2343 L2351 L3110	L2347	TDK
	LQP03TN3N3B02D	IND HIGH HQ 3.3nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q3N3BT02B03	IND HIGH HQ 3.3nH +/-0.1nH CH0201 RO				SUNLORD
101	MLG0603P3N6BTZ10	IND HIGH HQ 3.6nH +/-0.1nH CH0201 RO	3	L2716 L2717 L3107		TDK
	LQP03TN3N6B02D	IND HIGH HQ 3.6nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q3N6BT02B03	IND HIGH HQ 3.6nH +/-0.1nH CH0201 RO				SUNLORD
102	MLG0603P3N9BTZ10	IND HIGH HQ 3.9nH +/-0.1nH CH0201 RO	6	L2408 L2412 L2425 L3104 L3109	C2422	TDK
	LQP03TN3N9B02D	IND HIGH HQ 3.9nH +/-0.1nH CH0201 RO				MURATA
	SDCL0603Q3N9BT02B03	IND HIGH HQ 3.9nH +/-0.1nH CH0201 RO				SUNLORD
103	MLG0603P4N7HTZ10	IND HIGH HQ 4.7nH +/-3% CH0201 RO	1		L2206	TDK
	LQP03TN4N7H02D	IND HIGH HQ 4.7nH +/-3% CH0201 RO				MURATA
	SDCL0603Q4N7BT02B03	IND HIGH HQ 4.7nH +/-0.1nH CH0201 RO				SUNLORD
104	MLG0603P6N8HTZ10	IND HIGH HQ 6.8nH +/-3% CH0201 RO	2	L2452 L3111		TDK
	LQP03TN6N8H02D	IND HIGH HQ 6.8nH +/-3% CH0201 RO				MURATA
	SDCL0603Q6N8HT02B03	IND HIGH HQ 6.8nH +/-3% CH0201 RO				SUNLORD
105	MLG0603P8N2HTZ10	IND HIGH HQ 8.2nH +/-3% CH0201 RO	1	L2335		TDK
	SDCL0603Q8N2HT02B03	IND HIGH HQ 8.2nH +/-3% CH0201 RO				SUNLORD
	LQP03TN8N2H02D	IND HIGH HQ 8.2nH +/-3% CH0201 RO				MURATA
106	MLG0603P9N1HTZ10	IND HIGH HQ 9.1nH +/-3% CH0201 RO	3	L2345 L2346 L2349		TDK
	LQP03TN9N1H02D	IND HIGH HQ 9.1nH +/-3% CH0201 RO				MURATA
	SDCL0603Q9N1HT02B03	IND HIGH HQ 9.1nH +/-3% CH0201 RO				SUNLORD
107	MLG0603P10NHTZ10	IND HIGH HQ 10nH +/-3% CH0201 RO	5	L2311 L2344	L2303 L2348 L2437	TDK
	LQP03TN10NH02D	IND HIGH HQ 10nH +/-3% CH0201 RO				MURATA

	SDCL0603Q10NHT02B03	IND HIGH HQ 10nH +/-3% CH0201 RO				SUNLORD
108	MLG0603P15NHTZ10	IND HIGH HQ 15nH +/-3% CH0201 RO	2	L2453	L2414	TDK
	LQP03TN15NH02D	IND HIGH HQ 15nH +/-3% CH0201 RO				MURATA
	SDCL0603Q15NHT02B03	IND HIGH HQ 15nH +/-3% CH0201 RO				SUNLORD
109	MLG0603P18NHTZ10	IND HIGH HQ 18nH +/-3% CH0201 RO	2	L2308 L2314		TDK
	LQP03TN18NH02D	IND HIGH HQ 18nH +/-3% CH0201 RO				MURATA
	SDCL0603Q18NHT02B03	IND HIGH HQ 18nH +/-3% CH0201 RO				SUNLORD
110	MLG0603P22NHTZ10	IND HIGH HQ 22nH +/-3% CH0201 RO	3	L2426	L2306 L2330	TDK
	LQP03TN22NH02D	IND HIGH HQ 22nH +/-3% CH0201 RO				MURATA
	SDCL0603Q22NHT02B03	IND HIGH HQ 22nH +/-3% CH0201 RO				SUNLORD
111	MLG0603P33NJTZ10	IND HIGH 33nH +/-5% CH0201 RO	4	L2101 L2102 L2103 L2104		TDK
	LQP03TN33NJ02D	IND HIGH HQ 33nH +/-5% CH0201 RO				MURATA
	SDCL0603Q33NJ02B02	IND HIGH HQ 33nH +/-5% CH0201 RO				SUNLORD
112	MLG0603P68NHTZ10	IND HIGH HQ 68nH +/-3% CH0201 RO	3	L2901 L2904 L3105		TDK
	SDCL0603Q68NHT02B03	IND HIGH HQ 68nH +/-3% CH0201 RO				SUNLORD
	LQP03TN68NH02D	IND HIGH HQ 68nH +/-3% CH0201 RO				MURATA
113	WIP201610S-R47ML	IND LOW 0.47uH +/-20% 0.03ohm 4.05A 2.0x1.6mm H1.0mm RO	8		L1201 L1202 L1203 L1204 L1205 L1206 L1207 L1208	INPAQ
	WPN201610UR47MT	IND LOW 0.47uH +/-20% 0.028ohm 3.6A 2.0x1.6mm H1.0mm RO				SUNLORD
	TFM201610AHB-R47MTAA	IND LOW 0.47uH +/-20% 0.032ohm 3.9A 2.0x1.6mm H1.0mm RO				TDK
	MEKK2016TR47M	IND LOW 0.47uH +/-20% 0.03ohm 4.3A 2.0x1.6mm H1.0mm RO				TAIYO
114	WPN201610U1R0MTY01	IND LOW 1.0uH +/-20% 0.05ohm 3.1A 2.0x1.6mm H1.0mm RO	1		L2801	SUNLORD
	TFM201610AHB-1R0MTAA	IND LOW 1.0uH +/-20% 0.05ohm 3.1A 2.0x1.6mm H1.0mm RO				TDK
	MEKK2016T1R0M	IND LOW 1.0uH +/-20% 0.05ohm 3.1A 2.0x1.6mm H1.0mm RO				TAIYO
	WIP201610S-1R0ML	IND LOW 1.0uH +/-20% 0.06ohm 3.0A 2.0x1.6mm H1.0mm RO				INPAQ
115	MWLA0624S-2R2MT	IND LOW 2.2uH +/-20% 0.028ohm 7A 6.6x7.3mm H2.4mm RO	2	L4901 L4902		SUNLORD
	AIP0624MS-2R2M	IND LOW 2.2uH +/-20% 0.028ohm 7A 6.6x7.3mm H2.4mm RO				INPAQ
116	WPN201610U2R2MTY01	IND LOW 2.2uH +/-20% 0.115ohm 2.0A 2.0x1.6mm H1.0mm RO	1		L5904	SUNLORD
	WIP201610S-2R2ML	IND LOW 2.2uH +/-20% 0.117ohm 2.0A 2.0x1.6mm H1.0mm RO				INPAQ
117	WPN252010HS100MT	IND LOW 10uH +/-20% 0.435ohm 0.8A 2.5x2.0mm H1.0mm RO	1		L5907	SUNLORD
118	MPZ1608S102ATA00	Bead 1000ohm@100MHZ DCR= 0.3ohm 0.8A CH0603 H0.95mm ROHS	2	B4703 B4704		TDK
119	PZ1608U121-2R0TF	BEAD 120ohm@100MHz DCR=0.05ohm 2.0A CH0603 H0.95mm RO	1		B6001	SUNLORD
120	MMZ1005Y121CT000	BEAD 120ohm@100MHz DCR=0.18ohm 400mA CH0402 H0.55mm RO	2	B4701 B4702		TDK
	BK1005HS121-T	BEAD 120ohm@100MHz +/-25% 500mA DCR=0.2ohm CH0402 H0.55mm RO				TAIYO
	BLM15AG121SN1D	BEAD 120ohm@100MHz DCR=0.25ohm 550mA CH0402 H0.55mm RO				MURATA
	RB521ZS-30T2R	DIO Schottky Vr=30V IF=100mA GMD2 RO				ROHM

121	DS521-30EAA02	DIO Schottky Vr=30V If=100mA DFNWB0.6 x 0.3-2L-B RO	2	D1701 D1702		JCET
	RB522ES-30T15R	DIO Schottky Vr=30V IF=100mA SMD0603 RO				ROHM
122	PSBD2FD40V1H	DIO Schottky Vr=40V IF=1A DFN1006-2L RO	1	D6210		PRISEMI
123	RB160VAM-40TR	DIO Schottky Vr=40V IF=1A TUMD2M RO	1		D5910	ROHM
124	1N4148WS	DIO Switch Vr=100V IF=300mA SOD-323 H1.0mm RO	4		D2001 D2002 D4809 D4810	JCET
125	DTC043ZEBTL	AUD Digital NPN 50V 100mA R1=4.7K R2=47K EMT3F RO	5	Q1702 Q5605	Q1701 Q1704 Q4802	ROHM
	LDTC143ZET1G	AUD Digital NPN 50V 100mA R1=4.7K R2=47K SC-89 RO				LRC
	DTC143ZE	AUD Digital NPN 50V 100mA R1=4.7K R2=47K SOT-523 RO				JCET
126	PNM723T201E0	AUD NMOS VDS=20V 1A Vth=0.5~1.1V SOT-723 RO	23	Q1101 Q4901 Q5101 Q5307 Q5308 Q5603 Q5604 Q5607 Q6004	Q4803 Q5002 Q5102 Q6001 Q6003 Q6107 Q6111 Q6112 Q6113 Q6114 Q6115 Q6116 Q6117 Q6118	PRISEMI
	WM02N08H	AUD NMOS VDS=20V 0.75A Vth=0.35-1.1V 0.45R SOT-723 H0.5mm RO				WAYON
	WNM2030-3/TR	AUD NMOS VDS=20V 0.75A Vth=0.45~1V SOT-723 RO				WILL
127	PPM6N30V9	AUD PMOS VDS=-30V 9A Vth=-1.0V DFN2*2-6L RO	1	Q4905		PRISEMI
	LP3418DT2AG	AUD PMOS VDS=-30V 9.4A Vth=-2.0V DFN2020-6S H0.7mm RO				LRC
128	PPMT32V4	AUD PMOS VDS=-30V Id=4.3A VGS(th) =-1.5V SOT-23 H1.1mm RO	9	Q4902 Q5104 U6004	Q4801 Q4804 Q5001 Q5103 Q6002 U6002	PRISEMI
129	PESDNC2FD12VB	TVS Bi Vrwm=12V 13pF DFN1006-2L RO	4	D4801 D4802 D4804 D4805		PRISEMI
130	ESD5311Z-2/TR	TVS Bi Vrwm=5.0V 0.25pF CH0201 RO	1		D2801	WILL
131	PESDNC2FD5VB	TVS Bi Vrwm=5V 15pF DFN1006-2L RO	9	D4803 D4806 D4807 D5603 D5606 D5609	D5421 D6202 D6203	PRISEMI
132	PESDNC2FD5VBH	TVS Bi Vrwm=5V 35pF DFN1006-2L RO	8	D5602 D5610 D6201 D6206 D6207 D6208 D6209 D6212		PRISEMI
	WE05DF-BH	TVS Bi Vrwm=5V 18pF DFN1006-2L RO				WAYON
	ESD9N5B-2/TR	TVS Bi Vrwm=5V 96W 15pF DFN1006-2L H0.53mm				WILL
133	PESDNC2FD7VB	TVS Bi Vrwm=7V 21pF DFN1006-2L RO	1		D6205	PRISEMI
134	ETA5053V180DF1E	PMIC LDO 1.6-6.0V 1.8V 300mA DFN1x1-4 H0.4mm RO	2	U5001	U5502	ETA
	AW37030D180DNR	PMIC LDO 1.4-5.5V 1.8V 300mA UTDFN-1x1-4L H0.6mm RO				AWINIC
135	ETA5053V280DF1E	PMIC LDO 1.6-6.0V 2.8V 300mA DFN1x1-4 H0.405mm RO	3	U5602	U5503 U5504	ETA
	SGM2036S-2.8XXDH4G/TR	PMIC LDO 1.6-5.5V 2.8V 300mA XTDFN-1x1-4L H0.4mm RO				SGMICRO
136	ETA5053V120DF1E	PMIC LDO 1.6-6V 1.2V 300mA DFN-1X1-4 1x1mm H0.405mm RO	2	U5202	U5501	ETA
	SGM2036S-1.2XXDH4G/TR	PMIC LDO 1.6-5.5V 1.2V 300mA 30uA XTDFN-1x1-4L PINS5 1x1mm H0.4mm RO				SGMICRO
137	ETA5053V330DF1E	PMIC LDO 1.6-6V 3.3V 300mA DFN-1X1-4 1x1mm H0.405mm RO	7		U1602 U2001 U2003 U4901 U5604 U5802 U5901	ETA
	AW37030D330DNR	PMIC LDO 1.4-5.5V 3.3V 300mA UTDFN-1x1-4L H0.6mm RO				AWINIC
138	ETA5060V330DBI	PMIC LDO 1.8V-5.5V 1A DFN1.2x1.6-8 H0.4mm RO	2		U5205 U6003	ETA
	AW3707D330DNR	PMIC LDO 1.9-5.5V 3.3V 1A 133uA WBDFN1612 1.6x1.2mm H0.4mm RO				AWINIC
139	ETA8156FT2G	PMIC DC-DC BUCK 4.5-17V ADJ 550KHz 6A 230uA FCTSOT23-6 PINS6 2.9x2.8mm H1.1mm RO	2	U4902 U4903		ETA

	SY8156IADC	PMIC DC-DC BUCK 4.5-18V ADJ 400KHz 6A 200uA TSOT23-6 PINS6 2.95x2.85mm H1.0mm RO				SILERGY
140	B39741B8881P810	IC RF SAW LTE B12/13/14/67 1.1x0.9mm H0.45mm RO	1	U2608		RF360
141	SAFFB942MAP0F0AR1 X	IC RF RX filter B8 Unbalance 15dBm 1.1x0.9mm H0.5mm RO	1	U2607		MURATA
142	MS11U1G57-G3H	IC RF RX filter GPS/GLONASS/BEIDOU Unbalance 10dBm 1.1x0.9mm H0.6mm RO	2	U3103 U3104		MICROGATE
143	B39781B8369P810	IC RF RX filter LTE UNBalance B20/B28 15dBm 1.4x1.1mm H0.45mm RO	1	U2604		RF360
144	NDFH012-1842SA	IC RF RX filter LTE Unbalance B3 15dBm 1.1x0.9mm H0.65mm RO	1	U2701		HUAYING
145	NDFH060-2593SA	IC RF RX filter LTE Unbalance B41 10dBm 1.1x0.9mm H0.65mm RO	1	U2703		HUAYING
146	SAFFB1G96AA1F0AR1X	IC RF Rx filter UNBalance B25 13dBm 1.1x0.9mm H0.5mm RO	1	U2704		MURATA
147	NDFH052-0876SA	IC RF RX filter UNBalance B26 15dBm 1.1x0.9mm H0.65mm RO	1	U2603		HUAYING
148	SFWG00DB002	IC RF RX filter UNBalance B34 B39 15dBm 1.5x1.1mm H0.55mm RO	1	U2401		WISOL
149	NDFH057-2350SA	IC RF Rx filter UNBalance B40 13dBm 1.1x0.9mm H0.65mm RO	1	U2706		HUAYING
150	NDFH042-2155SA	IC RF RX filter UNBalance B66 13dBm 1.1x0.9mm H0.65mm RO	1	U2702		HUAYING
151	SAFFB2G65AA0F0AR1X	IC RF RX filter UNBalance B7 15dBm 1.1x0.9mm H0.5mm RO	1	U2708		MURATA
152	SAFRN634MAA0C0AR1 X	IC RF Rx filter UNBalance B71 15dBm 1.1x0.9mm H0.5mm RO	1	U2602		MURATA
153	SLFB18-1R910G-01TF	IC RF TX BPF 1805.00-2025.00MHz 1.6× 0.8mm H0.75mm RO	2	U2403 U2710		SUNLORD
154	NDFH030-2350SA	IC RF TX filter LTE Unbalance B40 29dBm 1.1x0.9mm H0.65mm RO	1	U2408		HUAYING
155	EP7041F	IC RF TX filter LTE Unbalance B41 2496- 2690MHz 32dBm 1.4x1.1mm H0.73mm RO	1	U2412		EPICMEMS
156	RFLPF1608060F18Q1C	IC RF TX low pass filter 673-2690 MHz 1.6x0.65mm H0.8mm RO	1	U2503		WALSIN
157	RFLPF10051G8DAT	IC RF TX LPF 1710-2025MHz 1.0 X 0.5mm H0.4mm RO	1	U2502		WALSIN
158	DEA160960LT-5044C1	IC RF TX LPF 699-960MHz 1.6x0.8mm H0.6mm RO	1	U2311		TDK
159	CAN6107C	IC RF LNA GPS/GLONASS/Galileo/BDS 1.1x0.7mm H0.5mm RO	1	U3105		CANAANTEK
	AW15145DNR	IC RF LNA GNSS L1/L5 1.1x0.7mm H0.4mm RO				AWINIC
160	RTC86001MH	IC RF LNA LTE HB/MB 0.7x1.1mm H0.55mm RO	1		U2202	RICHWAVE
	WS79331D-6/TR	IC RF LNA LTE 1800MHz-2700MHz PINS6 1.1mmx0.7mm H0.65mm RO				WILL
161	SAYEY707MBA0F0AR0 0	IC RF DPX LTE UNBalance B12 1.8x1.4mm H0.6mm RO	1	U2307		MURATA
162	SAYEY831MBA0B0AR0 0	IC RF DPX LTE UNBalance B26 1.8x1.4mm H0.6mm RO	1	U2308		MURATA
163	SAYRH725MBC0B0AR0 0	IC RF DPX LTE UNBalance B28AB 1.8x1.4mm H0.6mm RO	1	U2306		MURATA
164	SAYEY2G31BA0F0AR00	IC RF DPX LTE UNBalance B30 1.8x1.4mm H0.6mm RO	1	U2409		MURATA
165	SAYAV1G74BA1E0AR0 0	IC RF DPX LTE UNBalance B66 1.6x1.2mm H0.6mm RO	1	U2404		MURATA

166	SD18-2535R8UUB1	IC RF DPX LTE UNBalance B7 1.8x1.4mm H0.57mm RO	1	U2406		KYOCERA
167	SAYRH634MBA0C0AR00	IC RF DPX LTE UNBalance B71 1.8x1.4mm H0.6mm RO	1	U2302		MURATA
168	SD18-0782T8UUA1	IC RF DPX LTE UNBalance NS07 B13/14 1.8x1.4mm H0.57mm RO	1	U2305		KYOCERA
169	PJ D6DA2G140K2A4-Z	IC RF DPX UMTS/LTE UNBalance B1 1.8x1.4mm H0.5mm RO	1	U2402		TAIYO
170	NDFE020-0806XA	IC RF DPX UMTS/LTE UNBalance B20 PINS8 1.8x1.4mm H0.65mm RO	1	U2301		HUAYING
171	RSFD1707C	IC RF DPX UMTS/LTE UNBalance B3 PINS8 1.8x1.4mm H0.67mm RO	1	U2407		ROFS
172	RAD0943B0Q-MC	IC RF DPX UMTS/LTE UNBalance B8 PINS8 1.8x1.4mm H0.5mm RO	1	U2310		SANAN
173	SAYPE1G88BA1G0AR05	IC RF DPX UNBalance B25 1.8x1.4mm H0.8mm RO	1	U2411		MURATA
174	VC7643-26	IC RF PA UMTS/LTE/TDSCDMA/CDMA 4.0x6.8mm H0.8mm RO	1		U2203	VANCHIP
175	MXD86C0G	IC RF SWITCH SP12T 27dBm 2.5x2.5mm H0.5mm RO	1	U2605		MAXSCEND
	CAN1662A	IC RF SWITCH SP12T 37dBm 2.5x2.5mm H0.5mm RO				CANAANTEK
176	VC7916-62	IC RF SWITCH SP14T + GSM Qualband 5.3x5.5mm H0.83mm RO	1	U2501		VANCHIP
177	WS7854QA-9/TR	IC RF SWITCH SP4T 1.1x1.1mm H0.55mm RO	4	U2309 U2315 U2405	U2314	WILL
	RTC26801	IC RF SWITCH SP4T 35dBm 1.1x1.1mm H0.6mm RO				RICHWAVE
178	RTC8612RH	IC RF SWITCH SPDT 28dBm 1.1x0.7mm H0.4mm RO	11	U2201 U2312 U2313 U2410 U2414 U2505 U2601 U2606 U2709 U2711 U3101		RICHWAVE
	CAN1630C	IC RF SWITCH SPDT 36dBm 1.1x0.7mm H0.5mm RO				CANAANTEK
179	WTR-2965-1-59FOWNSP-HR-07-1	IC RF TRA WTR2965 59-FOWNSP 0.4pitch 3.29x3.26mm H0.65mm RO	1	U2101		QUALCOMM
	WTR-2965-1-59FOWNSP-TR-07-1	IC RF TRA WTR2965 59-FOWNSP 0.4pitch 3.29x3.26mm H0.65mm RO				QUALCOMM
	WTR-2965-1-59FOWNSP-SR-07-1	IC RF TRA WTR2965 59-FOWNSP 0.4pitch 3.29x3.26mm H0.65mm RO				QUALCOMM
	WTR-2965-1-59FOWNSP-MT-07-1	IC RF TRA WTR2965 59-FOWNSP 0.4pitch 3.29x3.26mm H0.65mm RO				QUALCOMM
180	NDFH024-2442SA	IC RF filter UNBalance WLAN/BT 29dBm 1.1x0.9mm H0.65mm RO	1	U3102		HUAYING
181	RFLPF10050G9DM1T76	IC RF LOW PASS FILTER 698-960MHz 1.0x0.5mm H0.4mm RO	1	U2504		WALSIN
182	SLFT21-2R450G-11T	IC RF Triplexer LB: 1164-1606MHz MB: 2400-2500MHz HB:4900-5950MHz PINS8 2.0x1.25mm H0.75mm RO	1	U3106		SUNLORD
183	SM-6225-0-PSP807-TR-00-0-AB	IC BB SM6225 2.4GHz 807-PSP 0.35pitch 11.1x10.5mm H0.89mm RO	1	U0101		QUALCOMM
	SM-6225-0-PSP807-MT-00-0-AB	IC BB SM6225 2.4GHz 807-PSP 0.35pitch 11.1x10.5mm H0.89mm RO				QUALCOMM
184	PM-6225-0-FOWNSP144-TR-01-1	IC PMU PM6225 144-FOWNSP 0.4pitch 4.81x4.81mm H0.57mm RO	1		U1101	QUALCOMM
	PM-6225-0-FOWNSP144-HR-01-1	IC PMU PM6225 144-FOWNSP 0.4pitch 4.81x4.81mm H0.57mm RO				QUALCOMM
	PM-6225-0-FOWNSP144-SR-01-1	IC PMU PM6225 144-FOWNSP 0.4pitch 4.81x4.81mm H0.57mm RO				QUALCOMM
185	CXDB5CCBM-MA-A	MERO LPDDR4X 4GB-32 200-FBGA PINS200 10x15mm H1.0mm RO	1	U0901		CXMT

186	YMUS7A4TB2A2C1	MERO UFS 64GB 3.3V 153-BGA PINS153 11.5x13mm H1.0mm RO	1	U1001		YMTC
	YMUS7B2TE1A2C1	MERO UFS 64GB 1.8V 153-BGA PINS153 11.5x13mm H1.0mm RO				YMTC
187	2TG2600001	CRY TCXO 26MHz ±0.5ppm 2.8V 2.5x2.0mm H0.95mm RO	1	X5001		FAITH LONG
188	TZ0692C	CRY XO 24MHz 18pF +/-20ppm 3.2x2.5mm H0.8mm RO	1		X5801	TST
189	3S27000203	CRY XO 27MHz 10pF +/-10ppm 3.2x2.5mm H0.7mm RO	1	X5201		FAITH LONG
190	1Z38400002	CRY XO 38.4MHz 8pF +/-10ppm TS(Min)=7ppm/pF TS(Typ)=16ppm/pF WIDE TEM RANGE 1.6x1.2mm H0.65mm RO	1		X1101	FAITH LONG
191	11255W90-2P-S-5A-HF- RP	CON BAC RTC 2PIN 1.25pitch H2.05mm RO	2	J4805 J4806		JCTC
192	ECT818000500	CON RFC 2.0x2.0mm H0.6mm RO	4	J2901 J2902 J3101 J3102		ECT
193	50406-03071-001	CON WTB FEMALE 30Pin 0.5pitch SMT RIGHT ANGLE PINS35 19.6x4.35mm H1.6mm RO	1	J5301		ACES
194	50406-04071-001	CON WTB FEMALE 40Pin 0.5pitch SMT RIGHT ANGLE PINS45 24.6x4.35mm H1.6mm RO	1	J5101		ACES
195	50398-05071-001	CON WTB FEMALE 50Pin 0.5pitch SMT RIGHT ANGLE PINS55 29.6x4.35mm H1.55mm RO	1	J5401		ACES
196	50463-0104A-001	CON WTB FEMALE 10PIN 0.4pitch horizontal PINS12 8.9x2.6mm H1.55mm RO	1	J6006		ACES
197	50281-01001-001	CON WTB FEMALE 10PIN 1.25pitch horizontal PINS12 16.1x5.25mm H2.18mm	1	J6001		ACES
198	50281-01401-001	CON WTB FEMALE 14PIN 1.25pitch horizontal PINS16 21.1x5.25mm H2.18mm	1	J5603		ACES
199	50281-00201-001	CON WTB FEMALE 2PIN 1.25pitch horizontal PINS4 6.1x5.25mm H2.18mm RO	2	J4802 J4803		ACES
200	50696-0300M-002	CON WTB FEMALE 30PIN 0.5pitch horizontal PINS32 11.18x3.4mm H1.15mm	1	J5501		ACES
201	31502-03001-001	CON WTB FEMALE 30PIN 0.5pitch horizontal PINS34 21.25x3.95mm H1.1mm	1	J5201		ACES
202	31502-04001-001	CON WTB FEMALE 40PIN 0.5pitch horizontal PINS44 26.25x3.95mm H1.1mm	1	J5901		ACES
203	51619-00501-001	CON WTB FEMALE 5PIN 0.5pitch horizontal PINS7 6.5x5.8mm H2.1mm RO	2	J2903 J2904		ACES
204	11505W90-5P-S-5AE- HF-NK-R	CON WTB FEMALE 5PIN 1.5pitch horizontal PINS7 11.88x6.45mm H2.15mm RO	3	J5701 J5702 J5703		JCTC
205	50224-00601-001	CON WTB FEMALE 6PIN 1.0pitch horizontal PINS8 8.0x5.0mm H3.3mm RO	1	J6002		ACES
206	50281-00601-001	CON WTB FEMALE 6PIN 1.25pitch horizontal PINS8 11.1x5.25mm H2.18mm RO	1	J5601		ACES
207	51653-00601-001	CON WTB FEMALE 6PIN 1pitch horizontal PINS8 10.7x6.55mm H2.25mm RO	1	J5602		ACES
208	50209-00801-001	CON WTB FEMALE 8PIN 0.8pitch horizontal PINS10 8.58 x3.1mm H1.95mm RO	1	J6004		ACES
209	ICMF062P900MFR	EMI SIN 100MHz 90R 2line 0.87x0.67mm H0.55mm RO	24	L5101 L5102 L5103 L5104 L5105 L5106 L5107 L5108 L5109 L5110 L5207 L5208 L5209 L5301 L5501 L5502 L5503 L5901 L5902 L5903 L5905 L5906	L5401 L5403	ICT
210	MXC6655XA	IC Acceleration Sensor 12-Pin LGA 2.0x2.0mm H1.0mm RO	1		U5601	MEMSIC
211	SGM7227YUWQ10G/TR	IC ANALOG SWITCH 10-UTQFN 0.4pitch 1.8x1.4mm H0.6mm RO	3	U1702	U1703 U5803	SGMICRO

	WAS7222Q-10/TR	IC Analog Switch DPDT 550MHZ 10-QFN 1.4x1.8mm H0.6mm RO				WILL
212	QET-4101-0-12WLNSP- TR-00-0	IC APT QET4101 12-WLNSP 0.4pitch 1.28x1.58mm H0.55mm RO	1		U2801	QUALCOMM
	QET-4101-0-12WLNSP- HR-00-0	IC APT QET4101 12-WLNSP 0.4pitch 1.28x1.58mm H0.55mm RO				QUALCOMM
	QET-4101-0-12WLNSP- SR-00-0	IC APT QET4101 12-WLNSP 0.4pitch 1.28x1.58mm H0.55mm RO				QUALCOMM
	QET-4101-0-12WLNSP- MT-00-0	IC APT QET4101 12-WLNSP 0.4pitch 1.28x1.58mm H0.55mm RO				QUALCOMM
	QET-4101-0-12WLNSP- SR-00-1	IC APT QET4101 12-WLNSP 0.4pitch 1.28x1.58mm H0.55mm RO				QUALCOMM
	QET-4101-0-12WLNSP- HR-00-1	IC APT QET4101 12-WLNSP 0.4pitch 1.28x1.58mm H0.55mm RO				QUALCOMM
	QET-4101-0-12WLNSP- TR-00-1	IC APT QET4101 12-WLNSP 0.4pitch 1.28x1.58mm H0.55mm RO				QUALCOMM
213	WCD-9370-0-WLPSP55- HR-01-4	IC Audio CODEC 55-WLPSP 0.35pitch 2.83x2.58mm H0.55mm RO	1	U4701		QUALCOMM
214	AW87390FCR	IC Audio PA 3.0W Smart K AW87390FCR 2.5x2.0mm H0.6mm RO	2	U4801	U4802	AWINIC
215	SGM7220XUQT12G/TR	IC DRIVER CC Logic 12-UTQFN 1.6x1.6mm H0.6mm RO	1		U1501	SGMICRO
216	AW9523BTQR	IC DRIVER I2C TO GPIO 24-TQFN 4x4mm H0.8mm RO	2		U1401 U1402	AWINIC
217	AW37503CSR	IC DRIVER LCD BIAS WLCSP-15B 1.27x2.0mm H0.662mm RO	1		U5902	AWINIC
218	USX2064-AEZG-TR	IC DRIVER USB2.0 HUB 36-SQFN 6.0x6.0mm H1.0mm RO	1		U5801	MICROCHIP
219	SGM3749YTDI6G/TR	IC LED Driver Backlight 1.5A DFN2x2-6L PINS7 2.1mmx2.1mm H0.8mm RO	1		U5903	SGMICRO
220	SGM4574YUQN12G/TR	IC LEVEL SHIFTER 4-BIT UTQFN-1.8x1.8- 12L 1.8x1.8mm H0.6mm RO	2		U6104 U6108	SGMICRO
221	MH1721QF4CES0	IC MCU QFN16 PINS17 3.0x3.0mm H0.8mm RO	1		U2002	MEGAHUNT
222	WAS4646C-36/TR	IC MIPI Switch WLCSP-36 2.39X2.39mm H0.545mm RO	2	U1801 U1802		WILL
	TS5MP646NYFPR	IC MIPI SWITCH 36-DSBGA 2.42x2.42mm H0.5mm RO				TI
223	GM8775C	IC MIPI TO Dual LVDS BRIDGE QFN-48 PINS49 0.5pitch 7.1x7.1mm H0.8mm RO	1	U5002		CORPRO
224	SN65DSI86ZXHR	IC MIPI TO EDP BRIDGE QFN-48 PINS49 0.4pitch 6.0x6.0mm H0.8mm RO	1	U5201		ITE
225	SGM2588AYN5G/TR	IC POWER SWITCH SGM2588A 5-SOT-23 1.1A 3x3mm H1.25mm RO	1		U6001	SGMICRO
226	SGM2588CYN5G/TR	IC POWER SWITCH SGM2588C 5-SOT-23 2.1A 3x3mm H1.25mm RO	3	U5701 U5702 U5703		SGMICRO
227	CH347T	IC USB TO SPI BRIDGE TSSOP-20 PINS20 6.4X6.5mm H1.1mm RO	1		U1601	WCH
228	SGM829-3.0XN5G/TR	IC VOLTAGE DETECTOR WITH DELAY 1.8- 5.0V SOT-23-5 H1.25mm RO	1	U5305		SGMICRO
229	WCN-3950-0-58WLPSP- TR-04-1	IC WLAN WCN3950 116-WLPSP 0.35pitch 2.84x2.88mm H0.55mm RO	1	U3001		QUALCOMM
	WCN-3950-0-58WLPSP- HR-04-1	IC WLAN WCN3950 116-WLPSP 0.35pitch 2.84x2.88mm H0.55mm RO				QUALCOMM
	WCN-3950-0-58WLPSP- SR-04-1	IC WLAN WCN3950 116-WLPSP 0.35pitch 2.84x2.88mm H0.55mm RO				QUALCOMM
230	818010048	Wire clip;SUS301R- H;T=0.12mm;2.8*1.4*1.07mm RO	4	J2905 J2906 J2907 J2908		ECT

231	QDC521- SP_PBT4_V1.1_PCB_H B R1	PCB QDC521-SP PBT4(X2 Y2)V1.1 8L 2steps HDI 100x85mm H1.2mm HB RO	1			REDBOARD
232	QDC518- CN_V1.1_SHIELDING_C OVER_LCM_PWR_XK_ R1	SHIELDING COVER QDC518-CN_V1.1 31.35x15.15mm T0.2mm H2.05mm C7701 XK RO	2		SH6210 SH6211	XIEKUO
233	QDC521- SP_V1.1_SHIELDING_C OVER PA ST R1	Shielding Cover QDC521-SP_V1.1 15.55mmx10.0mm T0.2mm H1.9mm PA C7701 ST RO	2		SH6206 SH6207	SHITAI
234	QDC521- SP_V1.1_SHIELDING_C OVER ST WCN R1	Shielding Cover QDC521-SP_V1.1 15.55mmx10.425mm T0.2mm H1.9mm WCN C7701 ST RO	1	SH6205		SHITAI
235	QDC521- SP_V1.1_SHIELDING_C OVER LCD2 ST R1	Shielding Cover QDC521-SP_V1.1 32.4mmx19.075mm T0.2mm H1.9mm LCD2 C7701 ST RO	1		SH6209	SHITAI
236	QDC521- SP_V1.1_SHIELDING_C OVER ST DCDC R1	Shielding Cover QDC521-SP_V1.1 32.4mmx23.425mm T0.2mm H2.9mm DCDC C7701 ST RO	1	SH6204		SHITAI
237	QDC521- SP_V1.1_SHIELDING_C OVER ST BB R1	Shielding Cover QDC521-SP_V1.1 32.7mmx28.425mm T0.2mm H2.0mm BB C7701 ST RO	1	SH6201		SHITAI
238	QDC521- SP_V1.1_SHIELDING_C OVER ST PMIC R1	Shielding Cover QDC521-SP_V1.1 32.85mmx32.425mm T0.2mm H1.9mm PMIC C7701 ST RO	1		SH6208	SHITAI
239	QDC521- SP_V1.1_SHIELDING_C OVER ST RF R1	Shielding Cover QDC521-SP_V1.1 42.1mmx23.7mm T0.2mm H1.95mm RF C7701 ST RO	1	SH6203		SHITAI
240	QDC521- SP_V1.1_SHIELDING_C OVER ST LCD R1	Shielding Cover QDC521-SP_V1.1 42.4mmx20.575mm T0.2mm H1.9mm LCD C7701 ST RO	1	SH6202		SHITAI
Not Mounted						

241		NM	232	R0308 R0309 R0310 R0311 R0312 R0313 R0314 R0315 R0316 R0317 R0318 R0319 R0320 R0321 R0322 R0323 R0324 R0325 R0326 R0327 R0328 R0329 R0330 R0331 R0332 R0333 R0334 R0335 R0336 R0337 R0338 R0339 R0340 R0341 R0342 R0343 R0344 R0345 R0346 R0347 R0349 R0352 R0355 R0356 R0359 R0361 R0363 R0364 R0366 R0368 R0370 R0401 R0403 R0410 R0411 R0414 R0415 R0416 R1702 R1704 R1705 R2502 R2516 R3005 R3007 R3008 R3009 R3010 R3011 R3012 R3013 R3014 R3015 R3020 R3021 R3101 R4803 R4818 R4824 R4830 R4921 R4922 R4926 R4929 R4938 R4939 R4942 R5007 R5012 R5013 R5101 R5104 R5105 R5106 R5107 R5108 R5109 R5110 R5111 R5112 R5113 R5114 R5115 R5116 R5117 R5118 R5119 R5120 R5121 R5122 R5156 R5203 R5207 R5208 R5212 R5219 R5226 R5227 R5228 R5229 R5231 R5232 R5307 R5311 R5312 R5430 R5502 R5503 R5504 R5510 R5515 R5517 R5522 R5523 R5524 R5534 R5535 R5621 R5632 R5645 R5707 R5709 R5719 R5724 R5725 R5726 R5903 R5904 R5905 R5906 R5907 R5911 R5912 R5913 R5914 R5915 R5918 R6009 R6010 R6011	R0501 R0701 R0704 R0705 R0706 R0707 R1401 R1403 R1505 R1507 R1604 R1606 R1607 R1712 R1713 R1714 R1715 R1716 R2005 R2006 R2017 R2025 R2801 R4821 R4822 R4916 R4940 R5033 R5147 R5153 R5154 R5248 R5402 R5403 R5411 R5422 R5423 R5424 R5438 R5439 R5505 R5509 R5526 R5528 R5530 R5532 R5653 R5705 R5710 R5801 R5816 R5902 R5908 R5910 R6006 R6022 R6052 R6117 R6118 R6119 R6148 R6149	
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242		NM	183	C0101 C0102 C0103 C0303 C0304 C0305 C0306 C0401 C2013 C2014 C2015 C2016 C2105 C2107 C2114 C2120 C2126 C2207 C2306 C2317 C2318 C2337 C2351 C2354 C2360 C2362 C2363 C2364 C2365 C2366 C2414 C2430 C2433 C2436 C2440 C2441 C2453 C2460 C2462 C2503 C2505 C2507 C2511 C2514 C2516 C2517 C2518 C2520 C2523 C2524 C2527 C2528 C2529 C2530 C2531 C2601 C2603 C2605 C2609 C2611 C2612 C2617 C2621 C2622 C2624 C2626 C2628 C2630 C2705 C2706 C2709 C2710 C2711 C2712 C2713 C2718 C2722 C2725 C2726 C2727 C2729 C2730 C2733 C2909 C2911 C2912 C2913 C2914 C3017 C3101 C3103 C3104 C3105 C3107 C3114 C3124 C3127 C3128 C3134 C3136 C3137 C3138 C4806 C4807 C4809 C4810 C4820 C4836 C4837 C4937 C4938 C4939 C4940 C4941 C4942 C4943 C4944 C4946 C4955 C5221 C5304 C5305 C5312 C5320 C5505 C5507 C5508 C5509 C5510 C5511 C5512 C5526 C5527 C5612 C5613	C0735 C0736 C0738 C1010 C1106 C1108 C1215 C1216 C1707 C1708 C1709 C1710 C2203 C2206 C2208 C2212 C2215 C2217 C2219 C2340 C2361 C2368 C2369 C2805 C4802 C4817 C4818 C4832 C4834 C4835 C4838 C4839 C4845 C4846 C4956 C5616 C5617 C5926 C5927 C6008 C6011 C6012 C6117 C6118	
243		NM	69	L2105 L2106 L2107 L2203 L2207 L2208 L2312 L2353 L2354 L2355 L2403 L2407 L2419 L2422 L2434 L2435 L2438 L2443 L2445 L2446 L2447 L2448 L2451 L2454 L2503 L2602 L2604 L2605 L2606 L2607 L2703 L3101 L3102 L3103 L3106 L3112 L3113 L4903 L5701 L5702 L5703	L0101 L0102 L0103 L0104 L2201 L2202 L2204 L2205 L2209 L2313 L2323 L2324 L2326 L2327 L2337 L2352 L2401 L2404 L2410 L2411 L2413 L2415 L2432 L2433 L2436 L2444 L2449 L2450	
244		NM	1	Q1703		
245		NM	20	U4904 U5102 U5104 U5106 U5107 U5110 U5203 U5204 U5505 U5506 U5603 U5904 U5905 U5906	U0701 U1704 U4803 U5403 U5404 U6109	
246		NM	2	J5302 J5402		

247		NM	155	D2901 D2902 D3101 D3102 D4902 D4903 D4904 D5110 D5111 D5201 D5202 D5203 D5204 D5205 D5301 D5302 D5303 D5304 D5305 D5306 D5307 D5308 D5309 D5310 D5311 D5312 D5313 D5315 D5316 D5317 D5318 D5319 D5320 D5321 D5322 D5323 D5324 D5325 D5326 D5327 D5329 D5432 D5501 D5502 D5503 D5504 D5505 D5506 D5507 D5508 D5509 D5510 D5512 D5513 D5601 D5604 D5607 D5608 D5611 D5613 D5614 D5615 D5616 D5617 D5618 D5619 D5620 D5624 D5625 D5701 D5702 D5703 D5704 D5705 D5706 D5707 D5708 D5709 D5710 D5711 D5712 D5902 D5903 D5904 D5905 D5906 D5907 D5908 D5911 D5912 D5914 D5915 D5916 D5917 D6003 D6004 D6005 D6006 D6007 D6008 D6009 D6010 D6011 D6012 D6013 D6014 D6015 D6016 D6017 D6018 D6019 D6020 D6021 D6022 D6023 D6024 D6025 D6026 D6027	D2003 D2004 D2005 D5114 D5115 D5401 D5402 D5403 D5405 D5406 D5407 D5408 D5409 D5410 D5412 D5416 D5417 D5418 D5420 D5422 D5423 D5424 D5425 D5426 D5427 D5428 D5429 D5430 D5431 D5435 D5436 D5439 D5901 D5913 D6001 D6002	
248		NM	1		X4801	

No	Part Description	Quantity	Designator	specifications	Manufacturer
1	CON\WTB\2pin\1.25mmP\3.4mmH\Ni\RO+RH	2	J1702 J1401	50271-00201-001	HONGZHI
2	CON\AudJACK\F3.5\DIP\Au\12.3x6.4x4.0mm\RO	1	J1404	JAK-306B210	DAWEI
3	CON\WTB\4PIN\1.25PITCH\3.4H\AU\RH	1	J1406	50271-00401-001	HONGZHI
4	CAP\X7R\470pF\±10%\50V\0201\0.63x0.33x0.33mm\RO+RH	1	C1601	CC0201KRX7R9BB471	YAGEO
5	CAP\NP0\33PF\±5%\25V\0201\0.63x0.33x0.2mm\RO+RH+RE	5	C1605 C1606 C1607 C1608 C1609	CC0201JRNPO8BN330	yageo
6	CAP\X7R\47nF\+/-10%\25V\CH\0201\RH	1	C1128	CC0201KRX7R8BB473	yageo
7	CAP\X5R\47nF\±10%\25V\0201\0.63x0.33x0.33mm\RO+RH	1	C1128	CC0201KRX5R8BB473	YAGEO
8	CAP\X5R\100nF\±20%\16V\0201\0.6x0.3x0.3mm\RO+RH+RE	4	C1002 C1613 C1614 C2223	CC0201MRX5R7BB104	yageo
9	CAP\NP0\22pF\±5%\50V\0402\1.0x0.5x0.5mm\RO+RH	1	C1225	CC0402JRNPO9BN220	yageo
10	CAP\X5R\470nF\+/-20%\6.3V\CH\0402\RH	2	C1723 C1727	CC0402MRX5R5BB474	yageo
11	CAP\X5R\10uF\±20%\25V\0603\1.8x1.0x1.0mm\RO+RH	3	C1019 C1022 C1025	CL10A106MA5NNNC	Samsung
12	CAP\X5R\4.7uF\±10%\16V\0603\1.75x0.96x0.9mm\RO+RH	1	C1227	CL10A475KO8NNNC	Samsung
13	IC\MCU\GD32F303RCT6\ARM? Cortex?-M4 32-bit MCU\LQFP64\12.0x12.0x1.6mm\RO+RH	1	U1802	GD32F303RCT6	GigaDevice
14	IC\LOADSWITCH\2.1\SGM2588CYN5G/TR\SOT23-5\1.25H\RH	1	U2003	SGM2588CYN5G/TR	SGMICRO
15	TVS\UNI\1CH\10V\1500pF\4000W\DFN2x2-3L\2.1x2.1x0.65mm\RO_RH	1	T1104	PTVSHC3N10VU	prisemi
16	IC\LDO\WL2810D33-4/TR\3.3V 300mA\DFN1X1-4L\1.05x1.05x0.4mm\RO_RH_RE	8	U1001 U1501 U1801 U1901 U2001 U2101 U2201 U2301	WL2810D33-4/TR	WILL
17	IC\BUCK\MP2491CGQB\0.5V-30V/6A\QFN-13\2.5x3.0x0.9mm\RO	1	U1202	MP2491CGQB	MPS
18	IC\BUCK\MP2225GJ\18V-ADJ5A\TSSOT23\3.0x3.0x1.0mm\RO+RH+RE	1	U1201	MP2225GJ-Z	MPS
19	IC\LDO\SGM2036-1.8YUDH4G/TR\5.5V-1.8V300mA\UTDFN-1x1-4L\1.05x1.05x0.6mm\RO+RH+RE	1	U2202	SGM2036-1.8YUDH4G/TR	SGMC
20	IC\FuelGauge\CW2017BAAD\I2C\TDFN-8L\2x2x0.75mm\RO+RH	1	U1103	CW2017BAAD	CellWise
21	IC\BOOST\MP3910GK\MPS-BOOST PWM Controller\MSOP10\5.05x3.1x1.1mm\RO+RH	1	U1301	MP3910GK	MPS
22	IC\CHG\SGM41526YTQQ24G/TR\2-,3-,4-Cell\TQFN-5.5x3.5-24L\5.6x3.6x0.8mm\RO+RH	1	U1101	SGM41526YTQQ24G/TR	SGMICRO
23	IC\USBHUB\USX2064-AEZG-TR\4Port-USB2.0\QFN36\6x6x1mm\RO+RH	2	U1902 U2002	USX2064-AEZG-TR	MICROSHIP
24	IC\Analog-SW\SGM7222YWQ10/TR\DPDT-480M\TQFN-10L\0.8H\RH	1	U1503	SGM7222YWQ10/TR	SGMICRO
25	IC\LSHFT\UM3204H\4bit\CSP12\1.9x1.4x0.65mm\RO_RH	1	U2204	UM3204H	YINGLIAN

26	IC\GPIO-EXPAND\AW9523BTQR\16port\TQFN4*4-24L\4.05x4.05x0.8mm\RO RH	1	U1002	AW9523BTQR	AIWEI
27	IC\USB2LAN\AX88772CLF\100M-LAN-TRX\LQFP64\9x9x1.6mm\RO	1	U2102	AX88772CLF	ASIX
28	IC\RS232\TPT3232E-SO3R\250kbps\SOP16\10x6.2x1.75mm\RO+RH	1	U2203	TPT3232E-SO3R	3PEAK
29	IC\Analog-SW\WAS3157B-6/TR\400MHz Bandwidth, SPDT Analog Switch\SOT-363\2.3x2.1x1.0mm\RO+RH	3	U1502 U1104 U1105	WAS3157B-6/TR	WILLSEMI
30	IC\AUD-PA\NS4158\ClassD-5W2R\SOP8\6.2x5.1x1.75mm\RO+RH	1	U1401	NS4158	NAXINWEI
31	IC\DRV-MOTOR\AT8833CR\18V-1.2A\QFN3X3-16\0.8H\RH	1	U1601	AT8833CR	ZONGKEWEI
32	IC\RF-SoC\PN7160A1EV/C100\NFC\VFPGA64\6.1x6.1x1mm\RH	1	U1702	PN7160A1EV/C100	NXP
33	DIO\Dual-SCHOTTKY\30V\0.2A\CH\SOT-23\RH\PBAT54S	3	Q1603 Q1608 Q1612	PBAT54S	Prisemi
34	DIO\SCHOTTKY\40V\200mA\DFN1006-2L\1.08x0.68x0.5mm\RO RH	6	D1522 D1523 D2012 D2013 D2014 D2202	PSBD2FD40V02	Prisemi
35	DIO\SCHOTTKY\1CH\1000V\1A\DO-214AC\5.66x2.8x2.42mm\RO+RH	1	D2201	M7S1M	XINGHAI
36	DIO\ZENER\1CH\6.8V\500mW\SOD-323\2.7x1.45x1mm\RO+RH	1	D1701	PZ3D6V8H	prisemi
37	DIO\SCHOTTKY\1CH\45V\5A\SMAF\4.9x2.7x1.3mm\RO+RH+RE	3	D1007 D1303 D1202	PSBDAF45V5	Prisemi
38	BJT\NPN-D\50V\100mA\CH\SOT-723\RH	7	Q1402 Q1403 Q1503 Q1504 Q1604 Q1103 Q1106	PDTC143ZM	prisemi
39	BJT\PNP-D\50V\100mA\CH\SOT-723\RH	2	Q1610 Q1808	PDTA143ZM	Prisemi
40	BJT\NPN\40V\200mA\CH\SOT-23\PT23T3904\RH	1	Q2202	PT23T3904	prisemi
41	MOS\PMOS\30V\4.2A\0.065R\1.2W\SOT23\2.8x2.1x0.89mm\RO RH	2	Q1401 Q1102	PPMT30V4	Prisemi
42	MOS\NMOS\20V\1A\0.31R\140mW\SOT723\1.2x1.2x0.437mm\RO RH	4	Q1006 Q1007 Q1602 Q1611	PNM723T201E0	Prisemi
43	MOS\PMOS\Vds-30V\Vsg-12V\9A\0.021R\CH\DFN2*2-6L\0.8H\RH	3	Q1004 Q1005 Q1601	PPM6N30V9	Prisemi
44	MOS\PMOS\30V\4.2A\0.065R\150mW\SOT23\1.2x1.2x0.437mm\RO RH	2	Q1501 Q1502	PPM723T201E0	Prisemi
45	MOS\NMOS\150V\20A\0.068R\CH\TO-252\RH	1	Q2201	NCEP1520AK	XINJIENENG
46	MOS\NMOS\1CH\20V\0.6R\0.17W\DFN1006-3L\1.05x0.65x0.5mm\RO+RH	1	Q1607	WNM2072-3TR	WILL
47	MOS\NMOS\1CH\30V\0.142R\0.5W\SOT323\2.2x2.4x1.1mm\RO	1	Q1101	Si1308EDL	Vishay Siliconix
48	MOS\PMOS\1CH\40V\20V\8A\0.021R\3\SOP-8\6.0x4.2x1.55mm\RO	1	Q1201	PPM8P40V8	Prisemi
49	MOS\PMOS\1CH\20V\0.79R\0.32W\DFN1006-3L\1x1x0.5mm\RO+RH	2	Q1605 Q1606	WPM2092A-3/TR	WILL
50	MOS\NMOS\1CH\30V\0.0038R\2.4W\DFN2X2-6L\2.0x2.0x0.6mm\RO+RH+RE	1	Q1301	PNM6N30V20MF	Prisemi

51	SMD Resistor_0Ω_1/16W_±5%_0402_M00044	42	B1201 B1501 B1502 B1801 B1802 B1803 B2001 B2101 B2301 B2302 R1038 R1039 R1040 R1211 R1225 R1226 R1409 R1606 R1607 R1608 R1609 R1616 R1619 R1645 R1706 R1711 R1712 R1713 R2215 R2216 R2218 R2220 R2302 R2320 R1710 R1725 R1726 R1727 R1728 R1731 R1408 R1413	RC0402JR-070RL	yageo
52	RES\TF\0R\± 5%\1/10W\0603\1.7x0.9x0.55mm\RO+RH	5	R1302 R1303 R2204 R2209 R2210	RC0603JR-070RL	yageo
53	RES\TF\100K\+/-5%\1/20W\CH\0201\RH	56	R1010 R1011 R1025 R1027 R1029 R1401 R1402 R1407 R1419 R1501 R1502 R1503 R1523 R1532 R1533 R1605 R1610 R1611 R1615 R1622 R1624 R1626 R1628 R1629 R1643 R1801 R1902 R1905 R1906 R1907 R1908 R1909 R1910 R1911 R1912 R1914 R2001 R2005 R2006 R2007 R2008 R2009 R2010 R2011 R2012 R2013 R2025 R2104 R2205 R2207 R2208 R2211 R2212 R2303 R1120 R1121	RC0201JR-07100KL	yageo
54	RES\TF\22R\± 5%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R1420 R2325	RC0402JR-0722RL	yageo
55	RES\TF\100R\± 5%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1520	RC0201JR-07100RL	yageo
56	RES\TF\0R\± 5%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	50	B2308 B2309 R1051 R1052 R1055 R1506 R1507 R1509 R1510 R1511 R1512 R1514 R1515 R1634 R1635 R1805 R1806 R2002 R2004 R2018 R2021 R2022 R2024 R2026 R2027 R2101 R2103 R2107 R2117 R2120 R2123 R2124 R2221 R2222 R2223 R2224 R2225 R2226 R2304 R2305 R1136 R2337 R1818 R1819 R1820 R1821 R1638 R1845 R1119	RC0201JR-070RL	yageo
57	RES\TF\1MR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	3	R1917 R2017 R2102	RC0201FR-071ML	yageo
58	RES\TF\10KR\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	5	R1208 R1210 R1213 R1310 R1403	RC0402FR-0710KL	yageo
59	RES\TF\100KR\+/- 5%\1/16W\0402\1.05x0.55x0.4mm\RO_RH	2	R1212 R1406	RC0402JR-07100KL	yageo
60	RES\TF\4.02KR\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R1104 R1105	RC0402FR-074K02L	yageo
61	SMD Resistor_1KΩ_±5%_1/20W_0201_M00044	9	R1405 R1504 R1505 R1602 R1604 R1702 R1707 R2202 R1122	RC0201JR-071KL	yageo
62	RES\TF\4.7KR\± 5%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	6	R1804 R2105 R2329 R2330 R2331 R2332	RC0201JR-074K7L	yageo
63	RES\TF\10KR\± 5%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	9	R1012 R1013 R1613 R1625 R1648 R1807 R2019 R2333 R1832	RC0201JR-0710KL	yageo
64	RES\TF\680KR\± 5%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	1	R1207	RC0402JR-07680KL	yageo
65	RES\TF\1KR\± 5%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	6	R1102 R1410 R1412 R2119 R2122 R1139	RC0402JR-071KL	YAGEO

66	RES\TF\100KR\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R1114 R1204	RC0402FR-07100KL	yageo
67	RES\TF\12KR\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R1916 R2016	RC0402FR-0712KL	yageo
68	RES\TF\10KR\± 5%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R1802 R1825	RC0402JR-0710KL	yageo
69	RES\TF\1MR\± 5%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	4	R1107 R1301 R1714 R2125	RC0402JR-071ML	yageo
70	RES\TF\27KR\+/- 1%\1/16W\0402\1.05x0.55x0.4mm\RO_RH	1	R1216	RC0402FR-0727KL	YAGEO
71	RES\TF\374KR\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R1110 R1111	RC0402FR-07374KL	yageo
72	RES\TF\30KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1603	RC0201FR-0730KL	yageo
73	RES\TF\82KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1046	RC0201FR-0782KL	yageo
74	RES\TF\180R\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1627	RC0201FR-07180RL	yageo
75	RES\TF\1MR\+/-5%\1/20W\CH\0201\RH	7	R1024 R1041 R1042 R1201 R1202 R1203 R1205	RC0201JR-071ML	yageo
76	RES\TF\100K\+/-1%\1/20W\CH\0201\RH	1	R1035	RC0201FR-07100KL	yageo
77	RES\TF\10KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	4	R1614 R1913 R2014 R1129	RC0201FR-0710KL	yageo
78	RES\TF\2.2KR\+/-5%\1/20W\CH\0201\RH	2	R2201 R2203	RC0201JR-072K2L	yageo
79	RES\TF\10R\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO_RH	6	R1516 R1517 R1518 R1519 R1521 R1522	RC0201FR-0710RL	yageo
80	RES\TF\39KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R2106	RC0201FR-0739KL	yageo
81	RES\TF\200K\+/-5%\1/20W\CH\0201\RH	2	R1026 R1028	RC0201JR-07200KL	yageo
82	RES\TF\1KR\+/-1%\1/20W\CH\0201\RH	1	R1037	RC0201FR-071KL	yageo
83	RES\TF\75R\+/-5%\1/16W\CH\0402\RH	7	R1101 R2118 R2121 R2128 R2129 R2130 R2131	RC0402FR-0775RL	yageo
84	RES\TF\5.23K\+/-1%\1/20W\CH\0201\RH	1	R1112	RC0201FR-075K23L	YAGEO
85	RES\TF\51KR\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	1	R1115	RC0402FR-0751KL	YAGEO
86	RES\TF\0.68R\± 1%\1W\2512\5.2x2.7x0.65mm\RO+RH	1	R2206	RL2512FK-070R68L	YAGEO
87	RES\TF\10R\+/-5%\1/20W\CH\0201\RH	1	R1309	RC0201JR-0710RL	yageo
88	RES\TF\49.9R\+/-1%\1/16W\CH\0402\RH	4	R2114 R2115 R2126 R2127	RC0402FR-0749R9L	yageo
89	RES\TF\51KR\± 5%\1/16W\0402\1.0x0.5x0.5mm\RO+RH	1	R1215	RC0402JR-0751KL	yageo
90	RES\TF\1.3R\+/-1%\1/16W\CH\0402\RH	4	R1617 R1618 R1620 R1621	WR04W1R30FTL	WALSIN
91	RES\TF\7.5K\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH+RE	1	R1307	RC0402FR-077K5L	YAGEO
92	RES\TF\300R\± 5%\1/16W\0402\1.1x0.55x0.4mm\RO+RH+RE	1	R1623	RC0402JR-07300RL	YAGEO

93	RES\TF\12.1KR\± 1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R2108 R2109	RC0402FR-0712K1L	yageo
94	RES\TF\182KR\± 1%\1/16W\0402\1.0x0.5x0.5mm\RO+RH	1	R1308	RC0402FR-07182KL	YAGEO
95	RES\TF\8.06KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1306	RC0201FR-078K06L	YAGEO
96	RES\TF\187KR\± 1%\1/16W\0402\1.0x0.5x0.5mm\RO+RH	1	R1209	RC0402FR-07187KL	YAGEO
97	RES\TF\0.02R\± 1%\1/4W\1206\3.2x1.7x0.65mm\RO+RH	1	R1103	RL1206FR-070R02L	YAGEO
98	CAP\X5R\100nF\± 10%\10V\0201\0.6x0.3x0.3mm\RO+RH	41	C1413 C1512 C1612 C1617 C1621 C1642 C1806 C1807 C1808 C1809 C1810 C1909 C1910 C1911 C1912 C1914 C1916 C1917 C2010 C2011 C2012 C2013 C2015 C2017 C2018 C2109 C2111 C2112 C2113 C2114 C2115 C2116 C2118 C2119 C2120 C2121 C2122 C2123 C2124 C2125 C2126	CC0201KRX5R6BB104	yageo
99	CAP\X7R\1NF\+/-10%\25V\CH\0201\RH	2	C1902 C2002	CC0201KRX7R8BB102	yageo
100	CAP\X5R\10UF\+/-20%\6.3V\CH\0402\RH	3	C2210 C2211 C1738	CL05A106MQ5NRNC	samsung
101	CAP\X5R\1uF\± 20%\6.3V\0201\0.63x0.33x0.33mm\RO+RH+RE	27	C1005 C1006 C1115 C1124 C1513 C1518 C1520 C1521 C1522 C1626 C1802 C1901 C1904 C1908 C1913 C1915 C2001 C2004 C2005 C2009 C2014 C2016 C2103 C2104 C2206 C2216 C2303	CC0201MRX5R5BB105	yageo
102	CAP\X5R\4.7UF\+/-20%\10V\CH\0402\RH	8	C1724 C1725 C1907 C2008 C2108 C2110 C2117 C2127	CL05A475MP5NRNC	SAMSUNG
103	CAP\X5R\22UF\+/-20%\10V\CH\0805\1.4H\RH	1	C1715	CL21A226MPQNNNE	Samsung
104	CAP\X5R\4.7uF\± 10%\50V\0805\2.2x1.45x1.25mm\RO+RH	2	C1222 C1304	CL21A475KBQNNNE	Samsung
105	MLCC_2.2uF_± 10% 10V X5R 0402 RoHS M00041	3	C1230 C1719 C1720	CL05A225KP5NNNC	SAMSUNG
106	CAP\X5R\22uF\± 20%\25V\0805\2.21x1.45x1.35mm\RO+RH+RE	4	C1226 C1630 C1631 C1632	CL21A226MAYNNNE	Samsung
107	CAP\X5R\1uF\± 10%\10V\0402\1.05x0.55x0.55mm\RO+RH	10	C1114 C1501 C1503 C1504 C2019 C2021 C2023 C2026 C2027 C2129	CL05A105KP5NNNC	samsung
108	MLCC_10uF_± 20% 10V X5R 0402 RoHS M00041	6	C1401 C1713 C1714 C1721 C2020 C2224	CL05A106MP5NUNC	samsung
109	CAP\X7R\100nF\± 10%\16V\0402\1.05x0.55x0.55mm\RO+RH	11	C1405 C1406 C1602 C2022 C2202 C2209 C2212 C2220 C2304 C1722 C1726	CC0402KRX7R7BB104	yageo
110	CAP\NP0\100pF\± 5%\50V\0402\1.0x0.5x0.5mm\RO+RH	1	C1229	CC0402JRNPO9BN101	yageo
111	CAP\X7R\10nF\± 10%\25V\0201\0.6x0.3x0.3mm\RO+RH	5	C1616 C1618 C1624 C1643 C1650	CC0201KRX7R8BB103	yageo
112	CAP\X7R\1nF\± 10%\50V\0402\1.0x0.5x0.5mm\RO+RH	2	C1410 C1411	CC0402KRX7R9BB102	yageo
113	CAP\X5R\220NF\+/-10%\10V\CH\0402\RH	1	C1716	CL05A224KP5NNNC	samsung
114	CAP\X7R\10NF\+/-5%\50V\CH\0402\RH	1	C1206	CC0402JRX7R9BB103	yageo
115	CAP\X5R\1uF\± 20%\6.3V\0402\1.05x0.55x0.55mm\RO+RH	7	C1125 C2221 C2222 C2305 C2306 C2308 C2320	CL05A105MQ5NNNC	samsung

116	CAP\X5R\1uF± 20%\10V\0201\0.6x0.3x0.3mm\RO+RH	2	C1623 C1625	CC0201MRX5R6BB105	yageo
117	CAP\X5R\4.7UF\+/-20%\6.3V\CH\0402\RH	9	C1008 C1514 C1801 C1805 C1903 C2003 C2102 C2204 C2215	CL05A475MQ5NRNC	SAMSUNG
118	CAP\X7R\100nF±10%\25V\0402\1x0.5x0.5mm\RO	17	C1017 C1018 C1020 C1021 C1023 C1024 C1105 C1106 C1110 C1111 C1129 C1130 C1228 C2213 C2214 C2217 C2218	CC0402KRX7R8BB104	YAGEO
119	CAP\X5R\1uF± 10%\25V\0603\1.8x1.0x1.0mm\RO+RH	1	C1113	CL10A105KA8NNNC	Samsung
120	CAP\X5R\10UF\+/-10%\25V\CH\0805\RH	8	C1001 C1103 C1104 C1107 C1112 C1620 C1244 C1245	CL21A106KAYNNNE	Samsung
121	CAP\NPO\12pF± 2%\50V\0402\1.05x0.55x0.55mm\RO+RH	2	C1803 C1804	CC0402GRNPO9BN120	Yageo
122	CAP\NPO\100PF\+/-5%\50V\CH\0201\RH	2	C1408 C1628	CC0201JRNPO9BN101	yageo
123	CAP\NP0\10pF± 2%\50V\0201\0.65x0.35x0.28mm\RO+RH	2	C1717 C1718	CC0201GRNPO9BN100	YAGEO
124	CAP\X7R\15nF± 10%\16V\0402\1.05x0.55x0.55mm\RO+RH	1	C1310	CC0402KRX7R7BB153	YAGEO
125	CAP\X5R\1uF± 10%\16V\0402\1.05x0.55x0.55mm\RO+RH	1	C1409	CL05A105KO5NNNC	samsung
126	CAP\X5R\4.7uF± 10%\10V\0603\1.7x0.9x0.9mm\RO+RH	1	C1217	CL10A475KP8NNNC	samsung
127	CAP\X5R\1UF\+/-10%\50V\CH\0603\RH	4	C1223 C1224 C1301 C2133	CL10A105KB8NNNC	Samsung
128	CAP\X5R\10UF\+/-20%\10V\CH\0603\RH	3	C1218 C2219 C2301	CL10A106MP8NNNC	Samsung
129	CAP\X5R\470nF± 20%\6.3V\0201\0.6x0.3x0.35mm\RO+RH+RE	1	C2106	CC0201MRX5R5BB474	yageo
130	CAP\X7R\100NF\+/-10%\50V\CH\0402\RH	3	C1212 C1216 C1220	CC0402KRX7R9BB104	YAGEO
131	CAP\X5R\10uF± 20%\50V\0805\2.0x1.25x1.25mm\RO	4	C1248 C1303 C1305 C1306	CC00805MRX5R9BB106	YAGEO
132	CAP\NPO\18pF± 5%\25V\0201\0.63x0.33x0.33mm\RO+RH	4	C1905 C1906 C2006 C2007	CC0201JRNPO8BN180	yageo
133	CAP\X7R\100NF\+/-10%\50V\CH\0402\RH	2	C1209 C2203	CC0402KRX5R9BB104	YAGEO
134	CAP\X5R\4.7uF± 10%\16V\0603\1.75x0.96x0.9mm\RO+RH	1	C1404	CL10A475KO8NNNC	Samsung
135	CAP\NPO\100PF\+/-5%\50V\CH\0201\RH	2	C1207 C1210	CC0201JRNPO9BN101	yageo
136	CAP\X5R\1UF\+/-10%\10V\CH\0402\RH	1	C1619	CC0402KRX5R6BB105	Yageo
137	CAP\X7R\1NF\+/-10%\25V\CH\0201\RH	2	C1219 C1258	CC0201KRX7R8BB102	yageo
138	CAP\X7R\100nF± 20%\50V\0402\1.1x0.6x0.4mm\RO+RH	2	C1249 C1250	CC0402MRX7R9BB104	YAGEO
139	CAP\X7R\100nF± 5%\50V\0402\1.05x0.55x0.55mm\RO+RH+RE	3	C2128 C2134 C2135	CC0402JRX7R9BB104	YAGEO
140	CAP\X5R\220nF± 10%\50V\0402\1.05x0.55x0.55mm\RO+RH+RE	2	C1201 C1308	CC0402KRX5R9BB224	YAGEO
141	CAP\X5R\100nF± 10%\10V\0402\1.0x0.5x0.5mm\RO	15	C1402 C1403 C1505 C1509 C1510 C1511 C1516 C2024 C2025 C2028 C2307 C2309 C2321 C1137 C1138	CC0402KRX5R6BB104	YAGEO
142	CAP\X5R\100NF\+/-20%\25V\CH\0402\RH	1	C1622	CC0402MRX5R8BB104	YAGEO
143	CAP\NPO\33PF\+/-5%\50V\CH\0201\RH	2	C1208 C1211	CC0201JRNPO9BN330	yageo
144	CAP\X5R\4.7uF± 10%\25V\0603\1.6x0.8x0.95mm\RO+RH+RE	2	C1215 C1302	CC0603KRX5R8BB475	YAGEO

145	CAP\NP0\33PF± 5%\25V\0201\0.63x0.33x0.2mm\RO+RH+RE	9	C1003 C1101 C1102 C1213 C1506 C1507 C1508 C2101 C2105	CC0201JRNPO8BN330	yageo
146	CAP\X7R\1nF± 10%\2KV\1206\3.2x1.6x1.45mm\RO+RH	2	C2130 C2136	CC1206KKX7RDBB102	yageo
147	CAP\AL\470uF± 20%\35V\1090mA\CH\10x10.5mm\RO+RH	2	C1048 C1202	VE1V471MG105000CE0	HUAWEI
148	IND\PWR\MD\3.3uH\+/- 20%\0.022R\6A\13.5A\CH\6.6Lx7Wx3H\RH	2	L1101 L1201	MWSA0603-3R3MTY01	sunlord
149	IND\PWR\WR\4.7uH± 20%\0.033R\9A\6A\6.6x7x3.0mm\RO+RH	1	L1202	MWSA0603S-4R7MT	SHUNLUO
150	IND\PWR\MD\0.47uH± 20%\0.023R\5.2A\6.2A\2.7x2.2x1.0mm\RO+RH	1	L1302	SCRB252010-R47M	SANTI
151	CRY\CX\27.12MHz\10ppm\20pF\CH\2.0Lx1.6Wx0.5H\RH	1	Y1701	8Y27100001	TXC
152	CRY\CX\24MHz\10ppm\SMT\3.3x2.6x0.8mm\RO+RE	2	X1901 X2001	SX32Y024000B91T	TAIJING
153	CRY\CX\25MHz\10ppm\20PF\SMT\3.2x2.5x0.9mm\RO+RH+RE	1	X2101	SX32Y025000BK1T	TAIJING
154	CON\ZIF\40pin\0.5mmP\1.0mmH\Au\3u\RO+RH	1	J1001	52506-0400M-001	HONGZHI
155	CON\ZIF\24pin\0.5mmP\1.98mmH\Au\3u\RO+RH	1	J1601	50696-0240M-002	HONGZHI
156	CON\ZIF\30pin\0.5mmP\1.1mmH\Au\3U\RO+RH	1	J1501	52506-0300M-001	HONGZHI
157	CON\ZIF\10pin\0.5mmP\1.81mmH\Au\3u\RO+RH	1	J2301	52506-0100M-001	HONGZHI
158	CON\WTB\5pin\1.25mmP\3.4mmH\Au\RO+RH	1	J2303	50271-00501-001	HONGZHI
159	CON\WTB\10pin\1.25mmP\2.03mmH\Au\1U\RO+RH	1	J1701	50281-01001-001	HONGZHI
160	CON\BAC\WTB\6pin\2.0mmP\7.1mmH\Au\RO+RH	1	J1102	31510-00601-001	HONGZHI
161	CON\IOC\RJ45\14pin\DIP\13.1mmH\RO_RH	1	J2101	FC601-56S-LED8P8C	FEIXIN
162	CON\IOC\USB2.0A-R\6pin\DIP\6.95mmH\RO+RH	1	U2004	UAB15-04BH17ANB-H	SHENGLAN
163	CON\IOC\MicroUSB-R\5pin\SMT+DIP\2.8mmH\Au\RH	1	J2202	USB205FB-C1014242	ATOM
164	CON\IOC\RJ12\6pin\DIP\14.4mmH\RH	1	J2201	FC503-5521-6P6C	FEIXIN
165	CON\IOC\RJ11\4pin\DIP\14.7mmH\RH	1	J2203	55A-114421101	FEIXIN
166	CON\IOC\USB2.0A-R\8pin\DIP\15.6mmH\Au\1u\RO+RE	1	J2001	UAB13-08BHB151AB-H	SHENGLAN
167	CON\DCJACK\AS-4\DIP\17.4x16x14.5mm\RO	1	J1201	LH-MDC-4-02	FEIXIN
168	CON\SIMC (SIM) \Mini+Mini (Mini+Mini) \Simple\3mmH\RO	1	J1504	SIM_216C213	DAWEI
169	DUAL NANO OR NANO+TF CARD	1	J1503	SIM-220B220	DAWEI
170	SW\S-ACT\SMT\4pin\5.2x5.2x1.5\RH	1	J1402	ELTSK-52N-T/R	MINGHAN
171	TRFM\ETH\100M\SMT\12.8x7x5.65mm\RO_RH	1	U2104	FC1680C	FEIXIN
172	BEAD\220R\+/- 25%\0.1R\1.4A\0603\1.75x0.95x0.95mm\RO_RH	2	L1401 L1402	PZ1608U221-1R4TF	SUNLORD

173	BEAD\120R\25%\0.12R\1A\0402\1x0.5x0.5mm\RO+RH	3	BL2101 BL2102 BL2103	PZ1005U121-1R0TF	SUNLORD
174	TVS\BI\1CH\12V\13pF\90W\DFN1006-2L\1.08x0.68x0.5mm\RO RH	6	D1401 D1402 T1605 T1606 T1607 T1608	PESDNC2FD12VB	prisemi
175	TVS\BI\1CH\5V\0.3pF\100W\DFN1006-2L\1.08x0.68x0.5mm\RO_RH	45	D1002 D1003 D1004 D1005 D1010 D1011 D1019 D1020 D1024 D1025 D1412 D1413 D1414 D1508 D1513 D1518 D1707 D1708 D2002 D2003 D2004 D2005 D2006 D2007 D2206 D2207 T1501 T1502 T1503 T1504 T1505 T1506 T1507 T1508 T1509 T1510 T1511 T1512 T1513 T1514 T1515 T1516 T1517 T2202 T2203	PESDSC2FD5VB	prisemi
176	TVS\BI\1CH\5V\12pF\40W\CH\DFN1006-2L\RH	32	D1403 D1404 D1405 D1406 D1407 D1703 D1704 D1705 D1706 D1801 D1802 D1803 D1804 D2107 D2108 D2111 D2112 D2204 D2301 D2302 D2307 D2308 D2309 T1102 T1103 T1601 T1602 T1603 T1604 T1609 T1610 TVS1601	PESDNC2FD5VBS	Prisemi
177	TVS\BI\1CHs\28V\5200W\CH\SOD-123FL\3.9x1.95x0.98H\RH	2	D1201 D2205	PTVSHC1SF28VBH	Prisemi
178	TVS\BI\1CH\5V\0.25pF\84W\DFN1006-2L\1x0.6x0.5mm\RO	2	D2109 D2110	ESD5311N-2/TR	PRISEMI
179	TVS\BI\1CH\7V\12pF\110W\CH\DFN1006-2L\RH	3	D2001 D2008 D2208	PESDNC2FD7VB	prisemi
180	TVS\BI\1CH\58V\300pF\600W\SMB\5.59x3.94x2.44mm\RO+RE	2	D2113 D2114	SMBJ58CA	JSCJ
181	CMF\ML\90R\25%\100mA\0806\0.92x0.72x0.55mm\RO_RH	1	EL1901	ICMF062P900MFR	ICT
182	RES\TF\24.9K\+/-1%\1/20W\CH\0201\RH	1	R1034	RC0201FR-0724K9L	yageo
183	RES\TF\13KR\±1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	1	R1206	RC0402FR-0713KL	yageo
184	CRY\CX\12MHz\10ppm\12pF\CH\3.2Lx2.5Wx0.7H\RH	1	Y1801	SX32Y012000BC1T	TAIJING
185	IND\HIGH\WR\150nh\±2%\0.56R\400mA\0805\2.09x1.53x1.42mm\RO+RH+RE	2	L1701 L1702	LQW2BASR15G00L	muRata
186	CAP\C0G\100pF\±1%\50V\0402\1.05x0.55x0.55mm\RO+RH+RE	2	C1705 C1708	C0402C0G101F500NTB	EYANG
187	CAP\C0G\47pF\±5%\50V\0201\0.6x0.3x0.33mm\RO+RH	2	C1703 C1710	C0201C0G470J500NTA	EYANG
188	陶瓷电容_1nF_±5%_25V_-55-125°C_0201_消费M00044	2	C1701 C1712	CC0201JRX7R8BB102	YAGEO
189	IND\PWR\WR\10uH\±20%\0.03R\6.9A\9.3A\11.5x10.2x4.0mm\RO+RH+RE	1	L1301	SCCB1040-100M	SANTI
190	RES\TF\10R\±1%\1/4W\0805\2.1x1.35x0.6mm\RO+RH+RE	1	R1108	RC0805FR-0710RL	YAGEO
191	RES\TF\78.7KR\+/-1%\1/16W\CH\0402\RH	1	R1109	RC0402FR-0778K7L	Yageo
192	RES\TF\390KR\±1%\1/16W\0402\1.0x0.5x0.4mm\RO+RH+RE	2	R1128 R1130	0402WGF3903TCE	UniOhm

193	RES\TF\0.01R\± 1%\1W\2512\6.45x3.35x0.65mm\RO+RH+RE	1	R1304	RL2512FK-070R01L	YAGEO
194	RES\TF\0R\± 5%\1/8W\0805\2.1x1.35x0.6mm\RO+RH	3	B1601 B1602 R2230	RC0805JR-070RL	YAGEO
195	D3MINI_IO_DCDC_SHIELD	1	SH2	D3MINI_IO_DCDC_SHIELD	BAIZHUO
196	D3MINI_IO_USBHUB_SHIELD	3	SH1 SH3 SH4	D3MINI_IO_USBHUB_SHIELD	BAIZHUO
197	PCB\HDI\16L\1.6mm\D3MINI_IO_PCB\V2.0.C\RO+RH	1	PCB	D3MINI_IO_PCB_V2.0.C	YULIJIAN
198	RES\TF\0.04R\± 1%\1/4W\1206\3.2x1.7x0.65mm\RO	1	R1106	RL1206FR-070R04L	YAGEO
199	RES\TF\27KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1612	RC0201FR-0727KL	YAGEO
200	RES\TF\36KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1601	RC0201FR-0736KL	YAGEO
201	RES\TF\30.1KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1113	RC0201FR-0730K1L	YAGEO
202	CAP\X7R\680pF\± 10%\50V\0201\0.6x0.3x0.33mm\RO+RH+RE	2	C1704 C1707	CC0201KRX7R9BB681	YAGEO
203	CAP\C0G\68pF\± 5%\50V\0201\0.63x0.33x0.33mm\RO+RH	2	C1706 C1709	C0201C0G680J500NTA	EYANG
204	RES\TF\1.5R\± 0.1%\1/16W\0402\1.05x0.55x0.4mm\RO+RH	2	R1703 R1705	RC0402BR-071R5L	YAGEO
205	RES\TF\1.5KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH+RE	1	R1831	RC0201FR-071K5L	YAGEO
206	RES\TF\330KR\± 1%\1/20W\0201\0.63x0.33x0.26mm\RO+RH	1	R1047	RC0201FR-07330KL	YAGEO
207	BEAD\600R\± 25%\0.9R\100mA\0402\1.15x0.65x0.65mm\RO+RH+RE	1	R1414	GZ1005D601TF	SHUNLUO
208	2K ±5% 1206	1	R1125	1206W4J0202T5E	UniOhm