1	ty Ref Des	Manufacturer	Mfg Part #	Distributor	Description	Package	Type		NS
	1 A1	Fractus	FR05_S1_N_0_110	RichardsonRFPD		FR05_S1_N_0_110			FALSE
	17 C1-2 C9 C12-13 C16-17 C23 C26-31 C41 C43 C55		GRM033R60J104KE19D	Digikey	100nF	C0201	fine pitch		FALSE
	12 C3 C8 C10-11 C14 C20-21 C24 C36 C42 C50 C52		C0603X5R0J105M030BC	Digikey	1uF	C0201	fine pitch		FALSE
4	3 C4-5 C15	TDK Corporation	C1005X5R0J475M050BC	Digikey	4.7uF	C0402	smt		FALSE
5	2 C6 C46	TDK	C0603C0G1E1R2B030BF	Digikey	1.2pF	C0201	fine pitch		FALSE
6	2 C18 C25	Samsung Electro-Mechanics America, Inc		Digikey	10uF	C0402	smt		FALSE
7	1 C19	TDK Corporation	C1608X5R0J226M080AC	Digikey	22uF	C0603	smt	FALSE	
8	2 C22 C48	Johanson Technology Inc	250R05L180GV4T	Digikey	18pF	C0201	fine pitch		FALSE
9	2 C32-33	AVX Corporation	02013A220GAT2A	Digikey	22pF	C0201	fine pitch		FALSE
10	2 C34-35	Johanson Technology Inc	250R05L150GV4T	Digikey	15pF	C0201	fine pitch		FALSE
11	1 C39	Murata	C0603X7R1E102K030BA	Digikey	1nF	C0201	fine pitch		FALSE
12	1 C40	Murata	GRM033R60J333KE01D	Digikey	33nF	C0201	fine pitch		FALSE
13	1 C44	TDK	C0603X5R1E222K030BA	Digikey	2.2nF	C0201	fine pitch		FALSE
14	1 C47	TDK	C0603C0G1E1R8C030BF	Digikey	1.8pF	C0201	fine pitch		FALSE
15	1 C51 2 C53-54	Kemet	C1206C107M9PACTU	Digikey	100uF 470nF	C1206	smt		FALSE FALSE
16	2 C53-54 2 D0 D4	TDK Corporation	C0603X5R0J474M030BC	Digikey		C0201	fine pitch		FALSE
17	2 D0 D4 3 D1-3	Rohm Semiconductor	SML-P11UTT86	Digikey	LEDD0402	D0402 SMLP36	smt		FALSE
18 19	1 D5	Rohm Semiconductor	SMLP36RGB2W3 LNJ847W83RA	Digikey	LEDD0402	D0402	smt	FALSE	
20	1 D5 1 D6	Panasonic Electronic Components Panasonic Electronic Components	LNJ347W83RA LNJ347W83RA	Digikey Digikey	LEDD0402 LEDD0402	D0402 D0402	smt smt		FALSE
21	1 D10	Rohm Semiconductor	RB161M-20TR	Digikey	BAT54WSSOD-123F	SOD-123F	smt	FALSE	
22	1 11	Hirose Electric Co Ltd	ZX62WD1-B-5PC	Digikey	USB-5PINZX62WD1-B-5PC		smt		FALSE
23	1 32	Harwin Inc	M40-3100345R		CON-6SOCKET	M40-3100345R	smt		FALSE
23 24	1 J2 1 L1	TDK	MLG0603P8N2J	Digikey Digikey	8.2nH	L0201	fine pitch		FALSE
25	1 12	TDK	MLG0603P5N6S	Digikey	5.6nH	L0201	fine pitch		FALSE
26	1 L2 1 L3	TDK	MLG0603F3N6S MLG0603S3N9S	Digikey	3.9nH	L0201	fine pitch		FALSE
27	2 L4 L9		MPZ0603S33N9S	Digikey	Ferrite Bead	L0201 L0201	fine pitch		FALSE
27	1 L6	TDK Corporation Taiyo Yuden	HKQ0603S7N5H-T	Digikey	7.5nH	L0201	fine pitch		FALSE
28 29	1 L7	WURTH	74479775210	Digikey	1uH	L0201 L0805	smt		FALSE
30	2 R1 R9	Panasonic Electronic Components	ERJ-1GEF4701C	Digikey	4.7k	R0201	smt		FALSE
31	6 R2 R7 R15 R31-33	Yageo	RC0201FR-07100KL	Digikey	100k	R0201	smt	FALSE	
32	1 R3	Panasonic Electronic Components	ERJ-1GEF1503C	Digikey	152.4k	R0201	smt	FALSE	
33	1 R4	Panasonic Electronic Components	ERJ-1GEJ105C	Digikey	1M	R0201	smt	FALSE	
34	2 R5 R14	Panasonic Electronic Components	FRI-1GEOROOC	Digikey	0 (OPT) (do not stuff)	R0201		TRUE	FALSE
35									
			LIG IGEOROGE				smt		
	1 R6	Panasonic Electronic Components	ERJ-1GEF24R9C	Digikey	25	R0201	smt	FALSE	FALSE
36	1 R6 1 R8	Panasonic Electronic Components Panasonic Electronic Components	ERJ-1GEF24R9C ERJ-1GEF1242C	Digikey Digikey	25 12.4k	R0201 R0201	smt smt	FALSE FALSE	FALSE FALSE
36 37	1 R6 1 R8 1 R10	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C	Digikey Digikey Digikey	25 12.4k 39.2k	R0201 R0201 R0201	smt smt smt	FALSE FALSE FALSE	FALSE FALSE FALSE
36	1 R6 1 R8 1 R10 1 R11	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C	Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k	R0201 R0201 R0201 R0201	smt smt smt smt	FALSE FALSE FALSE FALSE	FALSE FALSE FALSE FALSE
36 37 38	1 R6 1 R8 1 R10 1 R11 1 R12	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Yageo	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL	Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff)	R0201 R0201 R0201 R0201 R0201	smt smt smt smt smt	FALSE FALSE FALSE TRUE	FALSE FALSE FALSE
36 37 38 39	1 R6 1 R8 1 R10 1 R11	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Yageo Panasonic Electronic Components	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C	Digikey Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k	R0201 R0201 R0201 R0201 R0201 R0201	smt smt smt smt	FALSE FALSE FALSE TRUE FALSE	FALSE FALSE FALSE FALSE FALSE
36 37 38 39 40	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Yageo	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL	Digikey Digikey Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201	smt smt smt smt smt	FALSE FALSE FALSE TRUE	FALSE FALSE FALSE FALSE FALSE FALSE
36 37 38 39 40 41	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Panasonic Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C ERJ-1GEF2202C ERO201FR-07100KL ERJ-1GEF51R0C ERJ-1GE0R00C	Digikey Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201	smt smt smt smt smt smt smt	FALSE FALSE FALSE TRUE FALSE FALSE FALSE	FALSE FALSE FALSE FALSE FALSE FALSE
36 37 38 39 40 41 42	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Yageo Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GE0R00C ERJ-1GEF15R0C	Digikey Digikey Digikey Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201	smt smt smt smt smt smt smt smt	FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE	FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
36 37 38 39 40 41 42 43	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Yageo Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Energy Micro	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF050C ERJ-1GEF15R0C ERJ-1GEF15R0C ERJ-1GEF15R0C	Digikey Digikey Digikey Digikey Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3	smt smt smt smt smt smt smt smt smt fine pitch	FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	FALSE
36 37 38 39 40 41 42 43	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U3 1 U4	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Yageo Panasonic Electronic Components Panasonic Elec	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GE0R00C ERJ-1GEF15R0C ERJ-1GF15R0C ERJ-1GF15R0C ERJ-1GF15R0C ERJ-1GF15R0C	Digikey Mouser	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2	smt smt smt smt smt smt smt smt smt fine pitch fine pitch	FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3	Panasonic Electronic Components Energy Micro Nordic Semiconductor ST	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF3202C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF51R0C ERJ-1GEF15R0C EFM32LG330F256 nRF8001-RQ032-T LIS3DHTR	Digikey Digikey Digikey Digikey Digikey Digikey Digikey Digikey Mouser Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25	smt smt smt smt smt smt smt smt fine pitch fine pitch	FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U3 1 U4	Panasonic Electronic Components Panasonic Electronic Components Panasonic Electronic Components Panasonic Yageo Panasonic Electronic Components Freespy Micro Nordic Semiconductor ST Freescale Semiconductor	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GE0R00C ERJ-1GEF15R0C ERJ-1GE15R0C EFM32LG330F256 nRF8001-R2Q32-T LIS3DHTR MAG3110FCR1	Digikey Mouser Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2	smt smt smt smt smt smt smt smt fine pitch fine pitch fine pitch	FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7	Panasonic Electronic Components Foresymicro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF3202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF080C ERJ-1GEF15R0C ERJ-1GEF15R0C EFM32LG330F256 nRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UDJ-7 MCP73832-2ACI/MC	Digikey Mouser Digikey Digikey Digikey Digikey Digikey Mouser	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8	smt smt smt smt smt smt smt smt fine pitch fine pitch fine pitch fine pitch fine pitch fine pitch	FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8	Panasonic Electronic Components Fanasonic Electronic Component	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF322C ERJ-1GF52202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF51R0C ERJ-1GEF15R0C EFM32LG330F256 nRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UDJ- MCP73832-2ACI/MC IP4059CX5/LF,135	Digikey Mouser Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5	smt smt smt smt smt smt smt fine pitch fine pitch fine pitch fine pitch fine pitch fine pitch fine pitch	FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8 1 U9	Panasonic Electronic Components Energy Micro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip NXP Semiconductors Fairchild Semiconductor	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF51R0C ERJ-1GEF15R0C EFM32LG330F256 RRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UDJ-7 MCP73832-2ACI/MC IP4059CX5/LF,135 FPF1005	Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5 MICROFET-2X2-6L	smt smt smt smt smt smt smt smt fine pitch fine pitch fine pitch fine pitch fine pitch fine pitch smt	FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 51	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8 1 U9 1 U9 1 U9	Panasonic Electronic Components Energy Micro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip NXP Semiconductors Fairchild Semiconductor STMicroelectronics	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF3220C ERJ-1GEF52202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF51R0C EFM32LG330F256 RF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UDJ-7 MCP73832-2ACI/MC IP4059CX5/LF,135 FPF1005 STM6519AHARUB6F	Digikey Mouser Digikey Mouser Digikey Mouser Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5 MICROFET-2X2-6L UDFN6	smt smt smt smt smt smt smt smt fine pitch fine pitch f	FALSE FALSE FALSE TRUE FALSE F	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8 1 U9 1 U10 1 U11	Panasonic Electronic Components Forery Micro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip NXP Semiconductors Fairchild Semiconductor STMicroelectronics Texas Instruments	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF322C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF51R0C ERJ-1GEF15R0C EFM32LG330F256 nRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UDJ-7 MCP73832-2ACI/MC IP4059CX5/LF,135 FPF1005 STM6519AHARUB6F TPS78222DRVR	Digikey Mouser Digikey Mouser Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5 MICROFET-2X2-6L UDFN6 S-PWSON-N6	smt smt smt smt smt smt smt smt fine pitch fine pitch f	FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 53	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8 1 U9 1 U10 1 U10 1 U11 1 U11	Panasonic Electronic Components Energy Micro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip NXP Semiconductors Fairchild Semiconductor STMicroelectronics Texas Instruments Texas Instruments Texas Instruments Texas Instruments	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF3922C ERJ-1GEF2202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF51R0C ERJ-1GEF15R0C EFM32LG330F256 nRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UDJ-7 MCP73832-2ACI/MC IP4059CX5/LF,135 FPF1005 STM6519AHARUB6F TPS78222DRVR TPS62080ADSGT	Digikey Mouser	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5 MICROFET-2X2-6L UDFN6 S-PWSON-N6 S-PWSON-N8	smt smt smt smt smt smt smt smt smt smt	FALSE FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 53 54 55	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8 1 U9 1 U10 1 U11 1 U1 1 U1 1 U1 1 U1 1 U1 1	Panasonic Electronic Components Energy Micro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip NXP Semiconductors Fairchild Semiconductor STMicroelectronics Texas Instruments Texas Instruments Texas Instruments Texas Instruments Texas Instruments Texas Instruments NXP Semiconductor	ERI-1GEF24R9C ERI-1GEF1242C ERI-1GEF1242C ERI-1GEF322C ERI-1GEF2202C RC0201FR-07100KL ERI-1GEF51R0C ERI-1GEF51R0C ERI-1GEF51R0C EFM32LG330F256 MRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UD1-7 MCP73832-2ACI/MC IP4059CX5/LF,135 FPF1005 STM6519AHARUB6F TPS78222DRVR TPS622080ADSGT NX3L1T53GM,125	Digikey Mouser Digikey Digikey Mouser Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50 0 15	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5 MICROFET-2X2-6L UDFN6 S-PWSON-N6 S-PWSON-N8 SOT902-2	smt smt smt smt smt smt smt smt fine pitch fine pitch fine pitch fine pitch fine pitch fine pitch smt fine pitch fine pit	FALSE	FALSE
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8 1 U9 1 U10 1 U10 1 U11 1 U10 1 U11 1 U11 1 U12 1 U13 1 U14	Panasonic Electronic Components Energy Micro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip NXP Semiconductors Fairchild Semiconductor STMicroelectronics Texas Instruments Texas Instruments Texas Instruments NXP Semiconductor Fairchild Semiconductor Fairchild Semiconductor Fairchild Semiconductor	ERJ-1GEF24R9C ERJ-1GEF1242C ERJ-1GEF1242C ERJ-1GEF3202C RC0201FR-07100KL ERJ-1GEF51R0C ERJ-1GEF080C ERJ-1GEF1SR0C ERJ-1GEF1SR0C EFM32LG330F256 nRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UDJ-7 MCP73832-2ACI/MC IP4059CX5/LF,135 FPF1005 STM6519AHARUB6F TPS78222DRVR TPS62080ADSGT NX3LLT53GM,125 FDFMA2P857	Digikey Mouser Digikey Digikey Digikey Digikey Mouser Digikey Mouser Digikey Mouser Digikey Mouser Digikey Mouser Digikey Digikey Digikey Digikey Digikey Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5 MICROFET-2X2-6L UDFN6 S-PWSON-N6 S-PWSON-N8 SOT902-2	smt	FALSE FALSE FALSE TRUE FALSE TALSE FALSE FALSE TALSE FALSE FALSE TALSE FALSE TALSE FALSE FALSE FALSE TALSE F	FALSE
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36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56	1 R6 1 R8 1 R10 1 R11 1 R12 3 R17 R20 R23 1 R25 2 R27-28 1 U1 1 U2 1 U3 1 U4 1 U5 1 U6 1 U7 1 U8 1 U9 1 U10 1 U10 1 U11 1 U10 1 U11 1 U11 1 U12 1 U13 1 U14 1 U15 1 U10 1 U11 1 U11 1 U11 1 U11 1 U12 1 U13 1 U14 1 U16 1 U17 1 U18	Panasonic Electronic Components Energy Micro Nordic Semiconductor ST Freescale Semiconductor Texas Instruments Diodes Inc Microchip NXP Semiconductors Fairchild Semiconductor STMicroelectronics Texas Instruments Texas Instruments NXP Semiconductor Fairchild Semiconductor Fairchild Semiconductor Winbond Analog Devices NXP Semiconductors	ERI-1GEF24R9C ERI-1GEF1242C ERI-1GEF1242C ERI-1GEF1292C ERI-1GEF2202C RC0201FR-07100KL ERI-1GEF51R0C ERI-1GEF51R0C EFM32LG330F256 nRF8001-R2Q32-T LIS3DHTR MAG3110FCR1 LP5523TMX/NOPB DMC2990UD1-7 MCP73832-2ACI/MC IP4059CX5/LF,135 FPF1005 STM6519AHARUB6F TPS78222DRVR TPS62080ADSGT NX31LT53GM,125 FDFMA2P857 WZ5Q16DWBYIG ADP151ACBZ-1.8-R7 NTB0104GU12,115	Digikey Mouser Digikey Mouser Digikey Mouser Digikey	25 12.4k 39.2k 22k 100k (do not stuff) 50 0 15	R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 R0201 QFN64 QFN-32 LGA16_3X3 DFN10-2X2 WL-CSP-25 SOT963 DFN8 WLCSP5 MICROFET-2X2-6L UDFN6 S-PWSON-N6 S-PWSON-N8 SOT902-2 M0-229 WLBGA-8 CB-4-3 XQFN12	smt	FALSE TALSE FALSE	FALSE
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