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Designator Quantity IPCB	y Value 120uF 11F 330uF 22UF 1000pF 1000pF 0.047uF 0.047uF 0.047uF 820pF 0.1uF 4.7μF	Pinted Circuit Board CAP, AL, 120uF, 20V, +/-20%, 0.025 ohm, SMD CAP, AL, 120uF, 20V, +/-20%, C Series, 1206 16VDC 330UF 16MOHM 10X12.7MM CAP, CERM, 1uF, 16V, +/-10%, X5R, 1206 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.047uF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 820pF, 50V, +/-40%, X7R, 0603 CAP, CERM, 920pF, 920V, 4/-40%, X7V, 920V, 920	PackageReference F61 1206 SMD 1206 1206 0603 0603 0603 0603 0603 0603 0603 0	D GRM1885C1H101JA01 D GRM188R71E473KA01 D	MuRata MuRata MuRata MuRata MuRata	Alternate PartNumber	Alternate Manufacturer
C1, C2, C3 3 C4, C5 2 C6 1 C7, Cx1 2 C8 1 C11 1 C12 1 C13 1 C13 1 C0 1 CMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, H4 H5, H6, H7, H8 H9, H10, H11, H12 HG, LG, PRI, SEC	1uF 330uF 22uF 1000pF 100pF 0.047uF 0.047uF 0.047uF 330pF White 820pF 0.1uF	CAP, AL, 120uF, 20V, +/-20%, 0.025 ohm, SMD CAP, CERM, 1uF, 100V, +/-20%, C Series, 1206 16VDC 330UF 16MOHM 10X12.7MM CAP, CERM, 22uF, 16V, +/-10%, X5R, 1206 CAP, CERM, 1000pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 100pF, 50V, +/-10%, X7R, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 0.047uF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CERM, 0.1uF, 25V, +/-10%, X7R, 0603 SABCHINE Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	1206 SMD 1206 0603 0603 0603 0603 0603 0603 Keystone5002 0603 0603 0603 C603 C603 C603 C603 C603	20SVPF120M C3216X7R2A105M 16SVP330M GRM31CR61C226KE15 L GRM1885C1H102JA01 D GRM1885C1H101JA01 D GRM188R71E473KA01 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM188R71H473KA61 D GRM188R71H473KA61 D C1608C0G1H331J C1608C0G1H331J	Sanyo TDK Panasonic Electronic Compor MuRata TDK Keystone MuRata MuRata TDKCorporation	-	-
C4, C5 2 C6 1 C7, Cx1 2 C8 1 C11 1 C12 1 C13 1 C0 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, PRI, SEC	1uF 330uF 22uF 1000pF 100pF 0.047uF 0.047uF 0.047uF 330pF White 820pF 0.1uF	CAP, CERM, 1uF, 100V, +/-20%, C Series, 1206 16VDC 330UF 16MOHM 10X12.7MM CAP, CERM, 22uF, 16V, +/-10%, X5R, 1206 CAP, CERM, 1000pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 1000pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.47uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 0.1047uF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 Standoff, Hex, 0.5°L #4-40 Nylon	1206 SMD 1206 0603 0603 0603 0603 0603 0603 Keystone5002 0603 0603 0603 C603 C603 C603 C603 C603	C3216X7R2A105M 16SVP330M 16SVP330M GRM31CR61C226KE15 L GRM1885C1H102JA01 D GRM1885C1H101JA01 D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM188SC1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	TDK Panasonic Electronic Compor MuRata MuRata MuRata MuRata MuRata MuRata TDK Keystone MuRata MuRata TDK TDK Keystone MuRata TDK	- -	-
C6 1 C7, Cx1 2 C8 1 C11 1 C12 1 C13 1 C13 1 C6 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, H4 H5, H6, H7, HB H9, H10, H1, H12 HG, LG, PRI, SEC	330uF 22uF 1000pF 100pF 0.047uF 0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	16VDC 330UF 16MOHM 10X12.7MM CAP, CERM, 22uF, 16V, +/-10%, X5R, 1206 CAP, CERM, 1000pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CERM, 0.1uF, 25V, +/-10%, X7R, 0603 SAP CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CERM, 0.1uF, 25V, +/-10%, X7R, 0603 SAP CERM, 0.1uF, 25V, +/-10%, X7R, 0603	SMD 1206 0603 0603 0603 0603 0603 Keystone5002 0603 0603 0603 0603 0603 0603	16SVP330M GRM31CR61C226KE15 L GRM1885C1H102JA01 D GRM1885C1H101JA01 D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM188R71E404KA01 D GRM188R71E104KA01 D C1608X6S1A475K	Panasonic Electronic Compor MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
C7, Cx1 2 C8 1 C11 1 C12 1 C13 1 Cc 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4, H6, H7, H8 H9, H10, H11, H12 HG, LG, PRI, SEC	22uF 1000pF 100pF 0.047uF 0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 22uF, 16V, +/-10%, X5R, 1206 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5*L #4-40 Nylon	1206 0603 0603 0603 0603 0603 0603 Keystone5002 0603 0603 0603 0603 0603 Corew	GRM31CR61C226KE15 L GRM1885C1H102JA01 D GRM1885C1H101JA01 D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM188SC1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata MuRata MuRata MuRata MuRata MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
C8 1 C11 1 C12 1 C13 1 C6 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, PRI, SEC	1000pF 100pF 0.047uF 0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	0603 0603 0603 0603 0603 0603 Keystone5002 0603 0603 0603 C603 0603 C5000 C500	L GRM1885C1H102JA01 D GRM1885C1H101JA01 D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata MuRata MuRata MuRata MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
C11 1 C12 1 C13 1 C13 1 C0 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4, H6, H7, 4 H8, H10, 4 H11, H12 HG, LG, PRI, SEC	100pF 0.047uF 0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	0603 0603 0603 0603 0603 Keystone5002 0603 0603 0603 0603 0603 Crew	D GRM1885C1H101JA01 D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM18871E104KA01 D C1608X6S1A475K	MuRata MuRata MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
C11 1 C12 1 C13 1 C13 1 C0 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4, H6, H7, 4 H8, H10, 4 H11, H12 HG, LG, PRI, SEC	100pF 0.047uF 0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	0603 0603 0603 0603 0603 Keystone5002 0603 0603 0603 0603 0603 Crew	D GRM1885C1H101JA01 D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM18871E104KA01 D C1608X6S1A475K	MuRata MuRata MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation		-
C12 1 C13 1 CC 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	0.047uF 0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, COG/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, COG/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	0603 0603 0603 0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
C12 1 C13 1 CC 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	0.047uF 0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, COG/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, COG/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	0603 0603 0603 0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D GRM188R71E473KA01 D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
C13 1 Cc 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, PRI, SEC	0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	0603 0603 0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
C13 1 Cc 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	0.47uF 0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 0.47uF, 25V, +/-10%, X5R, 0603 CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	0603 0603 0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D GRM188R61E474KA12 D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
Cc 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H8, H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC 4	0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 Standoff, Hex, 0.5"L #4-40 Nylon	0603 0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata TDK Keystone MuRata MuRata TDK Corporation	-	-
Cc 1 Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H8, H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC 4	0.047uF 330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603 CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 Standoff, Hex, 0.5"L #4-40 Nylon	0603 0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D GRM188R71H473KA61 D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata TDK Keystone MuRata MuRata TDK Corporation		-
Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, H8 H9, H10, H11, H12 HG, LG, PRI, SEC	330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Phillips panhead Standoff, Hex, 0.5*L #4-40 Nylon	0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	TDK Keystone MuRata MuRata TDK Corporation	-	-
Chf 1 COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, H8 H9, H10, H11, H12 HG, LG, PRI, SEC	330pF White 820pF 0.1uF 4.7µF	CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0603 Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Phillips panhead Standoff, Hex, 0.5*L #4-40 Nylon	0603 Keystone5002 0603 0603 0603 (1608 Metric) Screw	D C1608C0G1H331J 5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	TDK Keystone MuRata MuRata TDK Corporation		-
COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	White 820pF 0.1uF 4.7μF	Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	Keystone5002 0603 0603 0603 (1608 Metric) Screw	5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	Keystone MuRata MuRata TDK Corporation		-
COMP, EN, 3 SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	White 820pF 0.1uF 4.7μF	Test Point, TH, Miniature, White CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5°L #4-40 Nylon	Keystone5002 0603 0603 0603 (1608 Metric) Screw	5002 GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	Keystone MuRata MuRata TDK Corporation		-
SS Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H4 H5, H6, H7, 4 H8, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	820pF 0.1uF 4.7μF	CAP, CERM, 820pF, 50V, +/-5%, C0G/NP0, 0603 CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	0603 0603 0603 (1608 Metric) Screw	GRM1885C1H821JA01 D GRM188R71E104KA01 D C1608X6S1A475K	MuRata MuRata TDK Corporation	-	-
Csb1, Csb2 2 Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	0.1uF 4.7μF	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	0603 0603 (1608 Metric) Screw	D GRM188R71E104KA01 D C1608X6S1A475K	MuRata TDK Corporation	-	-
Css 1 Cvcc 1 H1, H2, H3, 4 H5, H6, H7, 4 H8, H10, 4 H11, H12 HG, LG, PRI, SEC 4	0.1uF 4.7μF	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603 CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	0603 0603 (1608 Metric) Screw	D GRM188R71E104KA01 D C1608X6S1A475K	MuRata TDK Corporation	-	-
Cvcc 1 H1, H2, H3, 4 H4 H5, H6, H7, 4 H8, H10, 4 H11, H12 HG, LG, 4 PRI, SEC 4	4.7μF	CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	0603 (1608 Metric) Screw	D C1608X6S1A475K	TDK Corporation	-	-
Cvcc 1 H1, H2, H3, 4 H4 H5, H6, H7, 4 H8, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	4.7μF	CAP CER 4.7UF 10V 10% X6S 0603 Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	0603 (1608 Metric) Screw	D C1608X6S1A475K	TDK Corporation	-	-
H1, H2, H3, 4 H4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC		Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	Screw			-	-
H1, H2, H3, 4 H4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC		Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead Standoff, Hex, 0.5"L #4-40 Nylon	Screw			-	
H4 H5, H6, H7, 4 H8 H9, H10, 4 H11, H12 HG, LG, PRI, SEC	White	panhead Standoff, Hex, 0.5"L #4-40 Nylon		NT FWS 440 0025 FT			İ
H5, H6, H7, H8 H9, H10, H11, H12 HG, LG, PRI, SEC	White	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff		Dai Tasteriei Guppiy	Ī	[
H8 H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	White	•	Stariuuri	1902C	Keystone		
H9, H10, 4 H11, H12 HG, LG, 4 PRI, SEC	White	Bumpon, Hemisphere, 0.44 X 0.20, Clear		19020	Reyslone	Ī	[
H11, H12 HG, LG, 4 PRI, SEC	White	Bullipoli, Hellisphere, 0.44 X 0.20, Clear	Transparent Bumpon	S I-5303 (CLEAR)	3M		
HG, LG, 4 PRI, SEC	White		Transparent Bumpon	33-3303 (CLEAR)	Sivi		
PRI, SEC	vviille	Test Point, Miniature, White, TH	Keystone5002	5002	Keystone		
	1	rest Foliit, Milliature, Writte, 111	Reystoriesouz	3002	Reyslone		
JZ, J4, VIIV, 4		Standard Banana Jack, Uninsulated, 5.5mm	Keystone_575-4	575-4	Vavatana		
VOUT		Standard Barraria Jack, Orlinsdiated, 5.5min	Reystone_575-4	373-4	Keystone		
LBL1 1		Thermal Transfer Printable Labels, 0.650" W x 0.200"	PCB Label 0.650"H x	THT-14-423-10	Brady		
LDLI		H - 10,000 per roll	0.200"W	1111-14-423-10	Brauy	-	Ī
PGND, 4	Black	Test Point, TH, Multipurpose, Black	Keystone5011	5011	Keystone		
PGND, 4 PGND1, V-,	DIACK	Test Point, 1H, Multipurpose, Black	Reyslonesori	5011	Reyslone	-	-
VO-							
Q1, Q2 2	80V	MOSFET, N-CH, 80V, 55A, PG-TDSON-8	PG-TDSON-8	BSC123N08NS3 G	Infineon Technologies		
R2, R3 2	121	RES, 121 ohm, 1%, 0.1W, 0603	0603	CRCW0603121RFKEA		-	<u>-</u>
R5, R6, R7, 4	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	ERJ-3GEY0R00V	Panasonic		
R11	U	RES, 0 011111, 5%, 0.17V, 0603	0003	EKJ-3GETUKUUV	Panasonic	-	Ī
R9 1	49.9k	RES, 49.9k ohm, 1%, 0.1W, 0603	0603	CRCW060349K9FKEA	Vishay-Dale		
R10 1	3.3	RES, 3.3 ohm, 5%, 0.1W, 0603	0603	CRCW060343R30JNEA	Vishay-Dale Vishay-Dale	1	
R12 1	8.66k	RES, 8.66k ohm, 1%, 0.1W, 0603	0603	CRCW06038K66FKEA	Vishay-Dale Vishay-Dale		
R13 1	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale Vishay-Dale	-	-
R19 1	348	RES, 348 ohm, 1%, 0.1W, 0603	0603	CRCW0603348RFKEA	Vishay-Dale		
RB 1	9.53k	RES, 9.53k ohm, 1%, 0.1W, 0603	0603	CRCW06039K53FKEA	Vishay-Dale		
Rc 1	49.9k	RES, 59.0k ohm, 1%, 0.1W, 0603	0603	CRCW060359K0FKEA	Vishay-Dale	-	-
RS+ 1	Red	Test Point, Miniature, Red, TH	Keystone5000	5000	Keystone		
RS- 1	Black	Test Point, Miniature, Black, TH	Keystone5001	5001	Keystone		
Rs1 1	0.010	RES 0.01 OHM 1W 1% 2512 SMD	2512			-	-
Rs2 1	0.010	RES, 0.010 ohm, 1%, 1W, 2512	2512			-	-
Rsb1, 4	34.0	RES 34 OHM 1/2W 1% 1210 SMD	1210	ERJ-14NF34R0U	Panasonic Electronic Compor	ď	1
Rsb2,			İ	Ì	1		1
Rsb3, Rsb4				0.000			
Rsyn 1	40.2k	RES, 40.2k ohm, 1%, 0.1W, 0603	0603	CRCW060340K2FKEA	Vishay-Dale	=	-
Rt 1	84.5k	RES, 84.5k ohm, 1%, 0.1W, 0603	0603	CRCW060384K5FKEA	Vishay-Dale		
SGND 1	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone	-	-
U1 1			eg: 0603, used in	LM5122MH	ТІ	-	[-
	1		PnP report				
V+, VO+ 2	Red	Test Point, Multipurpose, Red, TH	Red Multipurpose	5010	Keystone		
			Testpoint				
X1 1			eg: 0603, used in	PA6605-AL	Coilcraft Inc	-	[-
			PnP report				
C10 0	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	GRM1885C1H101JA01	MuRata	-	-
011.015				D			
C14, C15 0	15pF	CAP, CERM, 15pF, 50V, +/-5%, C0G/NP0, 0603	0603	GRM1885C1H150JA01	MuRata		1
				D			
D1, D2 0	0.77V	Diode, Schottky, 100V, 1A, PowerDI123	PowerDI123	DFLS1100-7	Diodes Inc.	-	-
FID1, FID2, 0		Fiducial mark. There is nothing to buy or mount.	Fiducial	N/A	N/A		
FID3							
R4 0	0	RES, 158k ohm, 1%, 0.1W, 0603	0603	CRCW0603158KFKEA	Vishay-Dale		-
R8, R14 0	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	ERJ-3GEY0R00V	Panasonic	-	-

Notes:

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