







## PMP4964\_REVB BOM

C1	COUNT	RefDes	Value	Description	Size	Part Number	Mfr
C701, C901 C702, C902, C702, C8200F C902 C903, C703, 0.0 1	1		470uF	Capacitor, Aluminum, 25V, ±20%, 850mA	0.406 x 0.457 inch	EEE-FK1E471AP	Panasonic
Colorary	5		22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	Std	Std
C903 0.10 Capacitor, Ceramic, 50V, XFR, 10% 0603 Std Std Std C994 C104, C204, C704, 0.01 UF Capacitor, Ceramic, 6.3V, XSR, 10% 1210 Std Std Std C996 C301 3300 F Capacitor, Ceramic, 6.3V, XSR, 10% 0603 std std std Std Std C301 C301 3300 F Capacitor, Ceramic, Low Inductance, 16V, XFR, 20% 0603 std std std Std Std C301 C303 F Capacitor, Ceramic, Low Inductance, 16V, XFR, 20% 0603 std std Std Std Std C301 C303 F Capacitor, Ceramic, Low Inductance, 16V, XFR, 20% 0603 std std Std Std Std C303 F CAPAC, CAPAC	4		8200pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
G904	4		0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
G905	4		0.01uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	Std	Std
1   C302	4		47uF	Capacitor, Ceramic, 6.3V, X5R, 10%	1210	Std	Std
1         C304         0.1 LP         Capacitor, Ceramic, 6.3 W, KSR, 20%         1210         Std         std           2         C401, C501         0.056UF         Capacitor, SMD, 0603, XRR, 16V, 10%         0603         std         std           2         C402, C502         0.1 LF         Capacitor, SMD, 0603, XRR, 16V, 10%         0603         Std         std           C403, C410, C411, C501, C511, C512, C513         C2 LP         Capacitor, Ceramic, 6.3V, X5R, 20%         1210         std         TDK           C510, C511, C512, C513         22 uF         Capacitor, Ceramic, 6.3V, X5R, 20%         1210         std         TDK           2         C404, C504         10 uF         Capacitor, Ceramic, 6.3V, X5R, 20%         1210         std         TDK           2         C404, C504         10 uF         Capacitor, Ceramic, 6.3V, X5R, 20%         1210         Std         TDK           2         C408, C505         10 uF         Capacitor, Ceramic, 6.3V, X5R, 20%         1210         C322X7R1E106K         TDK           2         C408, C506         10 uF         Capacitor, Ceramic, 6.3V, X5R, 20%         0603         std         TDK           2         C408, C509         30 uF         Capacitor, Ceramic, 6.3V, X5R, 20%         0603         std <t< td=""><td>1</td><td>C301</td><td>3300pF</td><td>Capacitor, Ceramic, Low Inductance, 50V, X7R, 10%</td><td>0603</td><td>std</td><td>std</td></t<>	1	C301	3300pF	Capacitor, Ceramic, Low Inductance, 50V, X7R, 10%	0603	std	std
1 C305	1	C302	1uF	Capacitor, Ceramic, Low Inductance, 16V, X7R, 20%	0603	std	std
2 C401, C501	1	C304	0.1uF	Capacitor, Ceramic, Low Inductance, 16V, X7R, 20%	0603	std	std
C	1	C305	47uF	Capacitor, Ceramic, 6.3V, X5R, 20%	1210	Std	std
C	2	C401, C501	0.056uF	Capacitor, SMD, 0603, X7R, 16V, 10%	0603	std	std
C412, C413, C503, C511, C512, C513         2 uF         Capacitor, Ceramic, 6.3V, X5R, 20 %         1210         std         TDK           2 C404, C504         10 uF         Capacitor, Ceramic, 6.3V, X5R, 20 %         1210         std         TDK           2 C404, C505         10 uF         Capacitor, Ceramic, 6.3V, X5R, 20 %         1210         Std         TDK           2 C406, C506         220 pF         Capacitor, Ceramic, 50 V, C0G, 10%         0603         std         TDK           2 C408, C507         0.01 uF         Capacitor, Ceramic, 50 V, X5R, 10%         0603         Std         std           2 C408, C508         0.047 uF         Capacitor, Ceramic, 50 V, X5R, 10%         0603         C1608X5R1H473KB         TDK           2 C409, C509         3300 pF         Capacitor, Ceramic, 50 V, X5R, 10%         0603         Std         TDK           2 C401, C603         10 uF         Capacitor, Ceramic, 50 V, X5R, 10%         0603         Std         TDK           2 C401, C603         3300 pF         Capacitor, Ceramic, 50 V, X5R, 10%         0603         Std         TDK           2 C401, C604         22 pF         Capacitor, Ceramic, 50 V, X5R, 10%         0603         C1608X5R1H473KB         TDK           1 C602         22 pF         Capacitor, Ceramic, 50 V, X5R, 10% <td></td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td>		,					
2         C405, C505         10 UF         Capacitor, Ceramic, 16-V, X7R, 20%         1210         C3225X7R1E106K         TDK           2         C406, C506         220 pF         Capacitor, Ceramic, 50-V, X7R, 10%         0603         std         std           2         C408, C508         0.047 uF         Capacitor, Ceramic, 50-V, X7R, 10%         0603         C1608XSR1H473KB         TDK           2         C409, C509         3300 pF         Capacitor, Ceramic, 50V, X5R, 10%         0603         Std         TDK           2         C601, C603         10 uF         Capacitor, Ceramic, 6.3V, X5R, 20%         0603         GRM188R60J106ME47D         muRata           1         C602         22 pF         Capacitor, Ceramic, 6.3V, X5R, 20%         0603         GRM188R60J106ME47D         muRata           2         J1, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35***         ED1609         OST           3         J401, J501, J702, J301, J501         ED555/2DS         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           4         L101, L201, L701, L702, L701, L702, L70	10	C412, C413, C503, C510, C511, C512,	22 uF	Capacitor, Ceramic, 6.3V, X5R, 20 %	1210	std	TDK
2         C406, C506         220 pF         Capacitor, Ceramic, 50V, C0G, 10%         0603         std         TDK           2         C407, C507         0.01 uF         Capacitor, Ceramic, 50-V, X7R, 10%         0603         std         std           2         C409, C509         3300 pF         Capacitor, Ceramic, 50-V, X7R, 10%         0603         std         TDK           2         C601, C603         10 uF         Capacitor, Ceramic, 63V, X5R, 20%         0603         GRM188760J106ME47D         muRata           1         C602         22 pF         Capacitor, Ceramic, 50V, C0G, 10%         0603         GRM188760J106ME47D         muRata           2         J1, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35***         ED1609         OST           3         J401, J501, J501, J501, J501         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           4         L101, L201, L701, L20	2	C404, C504	10 uF	Capacitor, Ceramic, 6.3V, X5R, 20 %	1210	std	TDK
2         C407, C507         0.01 uF         Capacitor, Ceramic, 50-V, X7R, 10%         0603         std         std           2         C408, C508         300 pF         Capacitor, Ceramic, 50-V, X7R, 10%         0603         C1608X5R1H473KB         TDK           2         C409, C509         3300 pF         Capacitor, Ceramic, 63-V, X7R, 10%         0603         std         TDK           2         C601, C603         10uF         Capacitor, Ceramic, 63-V, X5R, 20%         0603         GRM188R60,1106ME47D         muRata           1         C602         22pF         Capacitor, Ceramic, 50V, X5R, 20%         0603         C1608C0G1H220J         TDK           2         J1, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35"**         ED1609         OST           3         J401, J201, J702, J901         ED555/2DS         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           4         L101, L201, L701, L901         3.3uH         Inductor, SMT, 7.8A, 10.4milliohm         0.402 sq inch         CDRH105RNP-3R3NC         Sumida           1         L301         1.5uH         Inductor, SMT, 11A, 10.67 milliohm         0.256 x 0.280 inch         SPM6530T-1R5M100         TDK           2         L401, L501         4.7 uH	2	C405, C505	10 uF	Capacitor, Ceramic, 16-V, X7R, 20%	1210	C3225X7R1E106K	TDK
2         C408, C508         0.047 uF         Capacitor, Ceramic, 50-V, X5R, 10%         0603         C1608X5R1H473KB         TDK           2         C409, C509         3300 pF         Capacitor, Ceramic, 50V, X7R, 10%         0603         std         TDK           2         C601, C603         10uF         Capacitor, Ceramic, 6.3V, X5R, 20%         0603         GRM188R60J106ME47D         muRata           1         C602         22pF         Capacitor, Ceramic, 50V, C0G, 10%         0603         C1608C0G1H220J         TDK           2         J101, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35"*         ED1609         OST           3         J401, J501, J501         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           4         L101, L201, J702, J901         3.3uH         Inductor, SMT, 7.8A, 10.4milliohm         0.402 sq inch         CDRH105RNP-3R3NC         Sumida           1         L301         1.5uH         Inductor, SMT, 11A, 10.67 milliohm         0.255 x 0.270 inch         SPM6530T-1R5M100         TDK           1         L301         1.5uH         Inductor, SMT, 55A, 40milliohm         0.255 x 0.270 inch         SPM6530T-1R5M100         TDK           1         L601         2.zuH         Inductor, SMT,	2	C406, C506	220 pF	Capacitor, Ceramic, 50V, C0G, 10%	0603	std	TDK
2         C408, C508         0.047 uF         Capacitor, Ceramic, 50-V, X5R, 10%         0603         C1608X5R1H473KB         TDK           2         C409, C509         3300 pF         Capacitor, Ceramic, 50V, X7R, 10%         0603         std         TDK           2         C601, C603         10uF         Capacitor, Ceramic, 6.3V, X5R, 20%         0603         GRM188R60J106ME47D         muRata           1         C602         22pF         Capacitor, Ceramic, 50V, C0G, 10%         0603         C1608C0G1H220J         TDK           2         J101, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35"*         ED1609         OST           3         J401, J501, J501         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           4         L101, L201, J702, J901         3.3uH         Inductor, SMT, 7.8A, 10.4milliohm         0.402 sq inch         CDRH105RNP-3R3NC         Sumida           1         L301         1.5uH         Inductor, SMT, 11A, 10.67 milliohm         0.255 x 0.270 inch         SPM6530T-1R5M100         TDK           1         L301         1.5uH         Inductor, SMT, 55A, 40milliohm         0.255 x 0.270 inch         SPM6530T-1R5M100         TDK           1         L601         2.zuH         Inductor, SMT,	2	C407, C507	0.01uF	Capacitor, Ceramic, 50-V, X7R, 10%	0603	std	std
2         C409, C509         3300 pF         Capacitor, Ceramic, 50V, X7R, 10%         0603         std         TDK           2         C601, C603         10uF         Capacitor, Ceramic, 50V, X7R, 20%         0603         CRM188R60J106ME47D         muRata           1         C602         22pF         Capacitor, Ceramic, 50V, C0G, 10%         0603         C1608C0G1H220J         TDK           2         J1, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35""         ED1609         OST           3         J401, J501, J601         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           4         L101, L201, L701, L201, L701, L201, L701, L901         3.3uH         Inductor, SMT, 7.8A, 10.4milliohm         0.402 sq inch         CDRH105RNP-3R3NC         Sumida           1         L301         1.5uH         Inductor, SMT, 11A, 10.67 milliohm         0.256 x 0.280 inch         SPM6530T-1R5M100         TDK           2         L401, L501         4.7 uH         Inductor, SMT, 40, 40milliohm         0.255 x 0.270 inch         IHL25252C-01         Vishay           4         R101, R201, R701, R901         4.7 uH         Inductor, SMT, 40, 40milliohm         0.255 x 0.270 inch         IHL25252C-01         Vishay           4         R101, R203, R20	2	C408, C508	0.047 uF	Capacitor, Ceramic, 50-V, X5R, 10%	0603	C1608X5R1H473KB	TDK
2         C601, C603         10uF         Capacitor, Ceramic, 6.3V, X5R, 20%         0603         GRM188R60J106ME47D         muRata           1         C602         22pF         Capacitor, Ceramic, 50V, C0G, 10%         0603         C1608C0G1H220J         TDK           2         J1, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35"*         ED1609         OST           3         J101, J201, J702, J901         ED555/2DS         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           3         J401, J501, J601         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25         ED1514         OST           4         L101, L201, L701, L201, L701, L201, L701, L201, L701, L301         1.0ductor, SMT, 7.8A, 10.4milliohm         0.402 sq inch         CDRH105RNP-3R3NC         Sumida           1         L301         1.5uH Inductor, SMT, 11A, 10.67 milliohm         0.256 x 0.280 inch         SPM6530T-1R5M100         TDK           2         L401, L501         4.7 uH Inductor, SMT, 5.5A, 40milliohm         0.255 x 0.270 inch         HI-P2525C2-01         Vishay           1         L601         2.2uH Inductor, SMT Multi-layer, 1.2A, 110milliohm         2520 mm         MIPS2520D2R2         FDK Corp.           4         R101, R201, R701, R901, R901         R802				· · · · · · · · · · · · · · · · · · ·			
1         C602         22pF         Capacitor, Ceramic, 50V, C0G, 10%         0603         C1608COG1H220J         TDK           2         J1, J301         Terminal Block, 2-pin, 15-A, 5.1mm         0.40 x 0.35***         ED1609         OST           4         J101, J201, J702, J901         ED555/2DS         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           3         J401, J501, J601         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25         ED1514         OST           4         L101, L201, L701, L901         3.3uH         Inductor, SMT, 7.8A, 10.4milliohm         0.402 sq inch         CDRH105RNP-3R3NC         Sumida           1         L301         1.5uH         Inductor, SMT, 11A, 10.67 milliohm         0.256 x 0.280 inch         SPM6530T-1R5M100         TDK           2         L401, L501         4.7 uH         Inductor, SMT, 5.5A, 40milliohm         0.255 x 0.270 inch         IHLP25250CZ-01         Vishay           1         L601         2.2uH         Inductor, SMT Multi-layer, 1.2A, 110milliohm         2520 mm         MIPS2520D2R2         FDK Corp.           4         R101, R201, R701, R901         147k         Resistor, Chip, 1/16W, 1%         0603         Std         Std           4         R102, R202, R702, R902				· · · · · · · · · · · · · · · · · · ·		GRM188R60J106ME47D	
2 J1, J301 Terminal Block, 2-pin, 15-A, 5.1mm 0.40 x 0.35"" ED1609 OST  4 J101, J201, J702, J901 ED555/2DS Terminal Block, 2-pin, 6-A, 3.5mm 0.27 x 0.25 inch ED555/2DS OST  3 J401, J501, J601 Terminal Block, 2 pin, 6A, 3.5mm 0.27 x 0.25 ED1514 OST  4 L101, L201, L701, L901 3.3uH Inductor, SMT, 7.8A, 10.4milliohm 0.402 sq inch CDRH105RNP-3R3NC Sumida  1 L301 1.5uH Inductor, SMT, 11A, 10.67 milliohm 0.256 x 0.280 inch SPM6530T-1R5M100 TDK  2 L401, L501 4.7 uH Inductor, SMT, 5.5A, 40milliohm 0.255 x 0.270 inch IHLP2525CZ-01 Vishay  1 L601 2.2uH Inductor, SMT Multi-layer, 1.2A, 110milliohm 2520 mm MIPS2520D2R2 FDK Corp.  4 R101, R201, R701, R701, R901 147k Resistor, Chip, 1/16W, 1% 0603 Std Std Std  4 R102, R202, R702, R02, R02, R02, R02, R03, R03, R03, R03, R03, R03, R03, R03				· · · · · · · · · · · · · · · · · · ·			
4         J101, J201, J702, J901         ED555/2DS         Terminal Block, 2-pin, 6-A, 3.5mm         0.27 x 0.25 inch         ED555/2DS         OST           3         J401, J501, J601         Terminal Block, 2-pin, 6A, 3.5mm         0.27 x 0.25         ED1514         OST           4         L101, L201, L701, L901         3.3uH         Inductor, SMT, 7.8A, 10.4milliohm         0.402 sq inch         CDRH105RNP-3R3NC         Sumida           1         L301         1.5uH         Inductor, SMT, 11A, 10.67 milliohm         0.256 x 0.280 inch         SPM6530T-1R5M100         TDK           2         L401, L501         4.7 uH         Inductor, SMT, 55A, 40milliohm         0.255 x 0.270 inch         IHLP2525CZ-01         Vishay           1         L601         2.2uH         Inductor, SMT Multi-Jayer, 1.2A, 110milliohm         2520 mm         MIPS2520D2R2         FDK Corp.           4         R101, R201, R701, R901         147k         Resistor, Chip, 1/16W, 1%         0603         Std         Std           4         R102, R202, R702, R902         20k         Resistor, Chip, 1/16W, 1%         0603         Std         Std           4         R103, R203, R703, R903, R903         100K         Resistor, Chip, 1/16W, 1%         0603         Std         Std           4         R104, R204, R704, R90	-		p·	• • • • • • •			
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4       L101, L201, L701, L901       3.3uH       Inductor, SMT, 7.8A, 10.4milliohm       0.402 sq inch       CDRH105RNP-3R3NC       Sumida         1       L301       1.5uH       Inductor, SMT, 11A, 10.67 milliohm       0.256 x 0.280 inch       SPM6530T-1R5M100       TDK         2       L401, L501       4.7 uH       Inductor, SMT, 5.5A, 40milliohm       0.255 x 0.270 inch       IHLP2525CZ-01       Vishay         1       L601       2.2uH       Inductor, SMT Multi-layer, 1.2A, 110milliohm       2520 mm       MIPS2520D2R2       FDK Corp.         4       R101, R201, R701, R901       147k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R102, R202, R702, R902, R902, R902       20k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R103, R203, R703, R903, R903, R903, R903       100K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R104, R204, R704, R904, R904       1.69K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         1       R105       374       Resistor, Chip, 1/16W, 1%       0603       Std       Std       Std	4		ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
4       L901       3.3 uH       Inductor, SMT, 7.8A, 10.4millionm       0.402 sq inch       CDRH105RNP-3R3NC       Sumida         1       L301       1.5 uH       Inductor, SMT, 11A, 10.67 milliohm       0.256 x 0.280 inch       SPM6530T-1R5M100       TDK         2       L401, L501       4.7 uH       Inductor, SMT, 5.5A, 40milliohm       0.255 x 0.270 inch       IHLP2525CZ-01       Vishay         1       L601       2.2 uH       Inductor, SMT Multi-layer, 1.2A, 110milliohm       2520 mm       MIPS2520D2R2       FDK Corp.         4       R101, R201, R701, R901       147k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R102, R202, R702, R902       20k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R103, R203, R703, R903, R903, R903       100K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R104, R204, R704, R904, R904, R904       1.69K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         1       R105       374       Resistor, Chip, 1/16W, 1%       0603       Std       Std	3			Terminal Block, 2 pin, 6A, 3.5mm	0.27 x 0.25	ED1514	OST
1       L301       1.5uH       Inductor, SMT, 11A, 10.67 milliohm       0.256 x 0.280 inch       SPM6530T-1R5M100       TDK         2       L401, L501       4.7 uH       Inductor, SMT, 5.5A, 40milliohm       0.255 x 0.270 inch       IHLP2525CZ-01       Vishay         1       L601       2.2uH       Inductor, SMT Multi-layer, 1.2A, 110milliohm       2520 mm       MIPS2520D2R2       FDK Corp.         4       R101, R201, R701, R901       147k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R102, R202, R702, R902       20k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R103, R203, R703, R903, R903       100K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R104, R204, R704, R904       1.69K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         1       R105       374       Resistor, Chip, 1/16W, 1%       0603       Std       Std	4		3.3uH	Inductor, SMT, 7.8A, 10.4milliohm	0.402 sq inch	CDRH105RNP-3R3NC	Sumida
2       L401, L501       4.7 uH       Inductor, SMT, 5.5A, 40milliohm       0.255 x 0.270 inch       IHLP2525CZ-01       Vishay         1       L601       2.2uH       Inductor, SMT Multi-layer, 1.2A, 110milliohm       2520 mm       MIPS2520D2R2       FDK Corp.         4       R101, R201, R701, R901       147k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R102, R202, R702, R902       20k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R103, R203, R703, R903, R903, R903, R903       100K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R104, R204, R704, R904, R904, R904       1.69K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         1       R105       374       Resistor, Chip, 1/16W, 1%       0603       Std       Std	1		1.5uH	Inductor SMT 11A 10 67 milliohm	0.256 x 0.280 inch	SPM6530T-1R5M100	TDK
1       L601       2.2uH       Inductor, SMT Multi-layer, 1.2A, 110milliohm       2520 mm       MIPS2520D2R2       FDK Ćorp.         4       R101, R201, R701, R901       147k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R102, R202, R702, R902       20k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R103, R203, R703, R903, R903, R903       100K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R104, R204, R704, R904, R904, R904       1.69K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         1       R105       374       Resistor, Chip, 1/16W, 1%       0603       Std       Std	-						
4       R101, R201, R701, R901       147k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R102, R202, R702, R902       20k       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R103, R203, R703, R903, R903, R903       100K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         4       R104, R204, R704, R904, R904       1.69K       Resistor, Chip, 1/16W, 1%       0603       Std       Std         1       R105       374       Resistor, Chip, 1/16W, 1%       0603       Std       Std							•
4 R102, R202, R702, R902 20k Resistor, Chip, 1/16W, 1% 0603 Std Std 4 R103, R203, R703, R903 100K Resistor, Chip, 1/16W, 1% 0603 Std Std 4 R104, R204, R704, R904 1.69K Resistor, Chip, 1/16W, 1% 0603 Std Std 1 R105 374 Resistor, Chip, 1/16W, 1% 0603 Std Std		R101, R201, R701,		• • • • • • • • • • • • • • • • • • • •			·
4 R103, R203, R703, R903 100K Resistor, Chip, 1/16W, 1% 0603 Std Std 4 R104, R204, R704, R904 1.69K Resistor, Chip, 1/16W, 1% 0603 Std Std 1 R105 374 Resistor, Chip, 1/16W, 1% 0603 Std Std	4	R102, R202, R702,	20k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4 R104, R204, R704, R904 1.69K Resistor, Chip, 1/16W, 1% 0603 Std Std 1 R105 374 Resistor, Chip, 1/16W, 1% 0603 Std Std	4	R103, R203, R703,	100K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1 R105 374 Resistor, Chip, 1/16W, 1% 0603 Std Std	4	R104, R204, R704,	1.69K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
	1		374	Resistor, Chip. 1/16W, 1%	0603	Std	Std
	-			· · · · · · · · · · · · · · · · · · ·			

3	R107, R207, R708	14.7k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4	R205, R405, R505, R705	340	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R206, R706, R906	30.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R301	165	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R302	12.4k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R303	22.1k	Resistor, Chip, 1/16W, 1%	0603	std	std
2	R401, R501	68.1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R402, R502	3.48k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R403, R503	28.7k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R404, R504	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R406, R506	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R601	365k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R602	182k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R905	453	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R907	10.0K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
	TP101, TP104,					
	TP105, TP106,					
	TP201, TP204,					
	TP205, TP206,					
	TP301, TP304,					
	TP305, TP401,					
	TP403, TP404,	=000	T (D) ( D (T) (U) (D) (V)	0.400 0.400		
27	TP405, TP501,	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP503, TP504,					
	TP505, TP701,					
	TP704, TP705,					
	TP706, TP901,					
	TP904, TP905,					
	TP906					
	TP102, TP103,					
	TP107, TP202,					
	TP203, TP207,					
	TP302, TP306,					
18	TP402, TP406,	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
	TP502, TP506,		•			•
	TP702, TP703,					
	TP707, TP902,					
	TP903, TP907					
1	TP303	5015	Test Point, SMT	0.105 x 0.040 inch	5015	Keystone
2	U101, U201	TPS54620RGY	IC, 1.6V-17V	3.5mm x 3.3mm QFN14	TPS54620RGY	TI
1	U301	TPS54325PWP	IC, 3-A	HTSSOP-14	TPS54325PWP	TI
2	U401, U501		IC, IFET Power Controller, AdjV, 3A	QFN-24	TPS54317RHF	TI
1	U601	TPS62260DRV		SON-6[DRV]	TPS62260DRV	TI
2	U701, U901		IC, 1.6V-17V Synchronous Buck PWM Converter with Integrated MOSFET	3.5mm x 3.3mm QFN14	TPS54620RGY	TI
	•		3			

- Notes: 1. These assemblies are ESD sensitive, ESD precautions shall be observed.
  - 2. These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

  - These assemblies must comply with workmanship standards IPC-A-610 Class 2.
     Ref designators marked with an asterisk ("\*\*") cannot be substituted. All other components can be substituted with equivalent MFG's components.

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