PMP22075REVB-BOM.xlsx

2 C1,C21 0.1 UF CAP_SM-CE,0.047UF,100V,10%,0805_1.45MM C0805 STD 1 C2 0.047UF CAP_SM-CE,0.047UF,250V,10%,1206 C1206 STD 1 C3 100PF CAP_SM-CE,0.047UF,250V,10%,1005 COG_NPO C0805 STD 2 C4,C5 22UF CAP_SM-CE,22UF,25V,20%,1210_XSR C1210 STD 1 C6 100UF PCAP_SM-CE,22UF,25V,00%,6.3MMDX7.7MMH C2626 STD 1 C7 220FF CAP_SM-CE,22UF,2100V,10%,1210_X7R C1210 STD 3 C8,C30,C31 2.2UF CAP_SM-CE,22UF,2100V,10%,8080_X7R C1210 STD 3 C11,C13,C19 0.47UF CAP_SM-CE,0.47UF,16V,10%,0603_X7R C1206 STD 3 C11,C17 0.1UF CAP_SM-CE,0.01UF,25OV,10%,1206 C1206 STD 2 C14,C17 0.1UF CAP_SM-CE,20PF,50V,10%,0603_X7R C0603 STD 0 C18 220FF CAP_SM-CE,2000F,50V,10%,0603_X7R C0603 STD 1 C22 <th>Count</th> <th>RefDes</th> <th>Value</th> <th>Description</th> <th>Size</th> <th>Manufacturer Part #</th>	Count	RefDes	Value	Description	Size	Manufacturer Part #
1 C3 100PF CAP_SM-CE_100PF,200V,10%,0805_COG_NPO C0805 STD 2 C4,C5 22UF CAP_SM-CE_22UF_25V,20%,1210_XSR C1210 STD 1 C6 100UP PCAP_SM-AL,100UF_25V,20%,6.3MMDX7.7MMH C2626 STD 1 C7 220PF CAP_SM-CE_22UP,50V,5%,0805 C0805 STD 3 C8,C10,C31 2.2UF CAP_SM-CE_2.2UP_25V,10%,7100 C1200 STD 3 C11,C13,C19 0.47UF CAP_SM-CE_2.2UP_25V,10%,8050_X7R C0803 STD 3 C11,C13,C19 0.47UF CAP_SM-CE_0.2UP_15V,10%,8060_X7R C0603 STD 2 C14,C17 0.1UF CAP_SM-CE_0.2UP_15V,10%,0603_X7R C0603 STD 2 C14,C17 0.1UF CAP_SM-CE_0.01V,5%,0603_C0G C0603 STD 0 C18 220PF CAP_SM-CE_0.209F,50V,10%,0603_X7R C0603 STD 1 C22 0.033UF CAP_SM-CE_0.001F,50V,003_X7R_MULTI_PB-FR C0603 STD 1 C23 0.031UF </td <td>2</td> <td>C1,C21</td> <td>0.1UF</td> <td>CAP_SM-CE,0.1UF,100V,10%,0805_1.45MM</td> <td>C0805</td> <td>STD</td>	2	C1,C21	0.1UF	CAP_SM-CE,0.1UF,100V,10%,0805_1.45MM	C0805	STD
2 C4,C5 22UF CAP_SM-CE,22UF,25V,20%,1210_X5R C1210 STD 1 C6 100UF PCAP_SM-AL,100UF,25V,20%,6,3MMDX7.7MMH C2626 STD 1 C7 220PF CAP_SM-CE,220PF,200V,5%,0805 C0805 STD 3 C8,C10,C31 2.2UF CAP_SM-CE,22UF,100V,10%,1210_X7R C1210 STD 2 C9,C20 2.2UF CAP_SM-CE,0.47UF,16V,10%,0603_X7R C0805 STD 3 C11,C13,C19 0.47UF CAP_SM-CE,0.2UF,25V,10%,0603_X7R C0603 STD 2 C14,C17 0.1UF CAP_SM-CE,0.04FLF,16V,10%,0603_X7R C0603 STD 2 C15,C27 100PF CAP_SM-CE,10UF,50V,10%,0603_X7R C0603 STD 0 C18 220PF CAP_SM-CE,0.3UF,25V,10%,0603_X7R C0603 STD 1 C22 0.033UF CAP_SM-CE,0.0UF,30V,0603_X7R C0603 STD 1 C23 0.033UF CAP_SM-CE,0.0UF,50V,10%,0603_X7R C0603 STD 1 C25 0.03UF	1	C2	0.047UF	CAP_SM-CE,0.047UF,250V,10%,1206	C1206	STD
1 C6 100UF PCAP_SM-AL,100UF,25V,20%,6:3MMDX7.7MMH C2626 STD 1 C7 220PF CAP_SM-CE,22UF,200V,5%,0805 C0805 STD 3 C8,C10,C31 2.2UF CAP_SM-CE,22UF,00V,10%,0805 C020 STD 2 C9,C20 2.2UF CAP_SM-CE,2.2UF,25V,10%,0805 X7R C0805 STD 3 C11,C13,C19 0.47UF CAP_SM-CE,0.2UF,25V,10%,0603 X7R C0603 STD 2 C14,C17 0.1UF CAP_SM-CE,0.10F,50V,10%,0603 C1206 STD 2 C14,C17 0.0UF CAP_SM-CE,0.20F,50V,10%,0603 C0603 STD 2 C15,C27 100PF CAP_SM-CE,2.20F,50V,10%,0603 X7R C0603 STD 1 C22 0.033UF CAP_SM-CE,0.00F,100V,5%,0603 X7R C0603 STD 1 C22 0.033UF CAP_SM-CE,0.00F,0603 X7R C0603 STD 1 C23 0.01UF CAP_SM-CE,0.00F,0603 X7R C0603 STD	1	C3	100PF	CAP_SM-CE,100PF,200V,10%,0805_COG_NPO	C0805	STD
1 C7 220PF CAP_SM-CE,220PF,200V,5%,0805 C0805 STD 3 C8,C10,C31 2.2UF CAP_SM-CE,2.2UF,100V,10%,1210_X7R C1210 STD 2 C9,C20 2.2UF CAP_SM-CE,2.2UF,25V,10%,0805_X7R C0805 STD 3 C11,C13,C19 0.47UF CAP_SM-CE,0.1VF,16V,10%,0603_X7R C0603 STD 2 C14,C17 0.1UF CAP_SM-CE,0.1UF,250V,10%,1206 C1206 STD 2 C15,C27 100PF CAP_SM-CE,10UF,16V,10%,6603_X7B C0603 STD 0 C18 220PF CAP_SM-CE,20OPF,50V,10%,0603_X7B C0603 STD 1 C22 0.033UF CAP_SM-CE,20OPF,50V,10%,0603_X7B C0603 STD 1 C22 0.033UF CAP_SM-CE,010UF,10V,00%,0603_X7R C0603 STD 1 C22 0.033UF CAP_SM-CE,010UF,10V,00%,0603_X7R C0603 STD 1 C25 0.01UF CAP_SM-CE,10UF,16V,10W,0603_X7R C0603 STD 1 C25 0.01UF <	2	C4,C5	22UF	CAP_SM-CE,22UF,25V,20%,1210_X5R	C1210	STD
Color	1	C6	100UF	PCAP_SM-AL,100UF,25V,20%,6.3MMDX7.7MMH	C2626	STD
2 C9,C20 2.2UF CAP_SM-CE,2.2UF,25V,10%,0805_X7R C0805 STD 3 C11,C13,C19 0.47UF CAP_SM-CE,0.47UF,16V,10%,0603_X7R C0603 STD 2 C14,C17 0.1UF CAP_SM-CE,0.1UF,250V,10%,1206 C1206 STD 2 C15,C27 100PF CAP_SM-CE,0.1UF,250V,10%,1206 C0603 STD 0 C18 220PF CAP_SM-CE,100PF,100V,5%,6603_C0G C0603 STD 1 C22 0.033UF CAP_SM-CE,0.033UF,25V,10%,0603_WR C0603 STD 1 C22 0.033UF CAP_SM-CE,0.033UF,25V,10%,0603_WR C0603 STD 1 C25 0.01UF CAP_SM-CE,0.031UF,25V,10%,0603_X7R C0603 STD 1 C25 0.01UF CAP_SM-CE,0.01LF,10V,10%,0603_X7R MULTI_PB-FR C0603 STD 1 C25 0.01UF CAP_SM-CE,0.01LF,10V,10%,0603_X7R MULTI_PB-FR C0603 STD 1 C30 0.1UF CAP_SM-CE,0.01UF,100V,10%,0603_X7R MULTI_PB-FR C0603 STD 1 C30 0.1UF CAP_SM-CE,1.00LF,300V,10%,1608_X7R C1808 STD 1 C30 10UF PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML C2626 EEE-FK1K100XP 1 C33 68UF PCAP_SM-AL,10UF,80V,20%,4953_LOW_Z_PB-FR C5454 EEE-FK2A680AQ CR1,CR3,CR4,CR5,CR6, 8 CR9,CR13,CR14 DIODE_SMA-ES1D-13-F,200V SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMC170A,170V SMC SMC170A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 IN4148WSF-7 2 CR1,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT545,0.4V SOT23 BAT54S 2 I1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 E2350 1 L1 15UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC2100N15NS3_G SO8 BSC190N15NS3	1	C7	220PF	CAP_SM-CE,220PF,200V,5%,0805	C0805	STD
3 C11,C13,C19 0.47UF CAP_SM-CE,0.47UF,16V,10%,0603_X7R C0603 STD 2 C14,C17 0.1UF CAP_SM-CE,0.1UF,250V,10%,1206 C1206 STD 2 C15,C27 100PF CAP_SM-CE,20PF,50V,10%,0603_COG C0603 STD 0 C18 220PF CAP_SM-CE,220PF,50V,10%,0603_MF C0603 STD 1 C22 0.033UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R C0603 STD 2 C23,C24 1.0UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,1.0UP,16V,10%,0603_X7R C0603 STD 1 C25 0.01UF CAP_SM-CE,1.0UP,16V,10%,0603_X7R C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,1.0UP,16V,10%,10603_X7R C1608 STD 1 C30 10UF CAP_SM-CE,1.0UP,16V,10%,10603_X7R C1608 STD 1 C30 10UF CAP_SM-CE,1.0UP,16V,10%,10603_X7R C1608 STD 1 C30 10UF <td>3</td> <td>C8,C10,C31</td> <td>2.2UF</td> <td>CAP_SM-CE,2.2UF,100V,10%,1210_X7R</td> <td>C1210</td> <td>STD</td>	3	C8,C10,C31	2.2UF	CAP_SM-CE,2.2UF,100V,10%,1210_X7R	C1210	STD
2 C14,C17 0.1UF CAP_SM-CE,0.1UF,250V,10%,1206 C1206 STD 2 C15,C27 100PF CAP_SM-CE,100PF,100V,5%,0603_C0G C0603 STD 0 C18 220PF CAP_SM-CE,20PF,50V,10%,0603_PB-FR C0603 STD 1 C22 0.033UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R C0603 STD 1 C22 0.01UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R C0603 STD 1 C25 0.01UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,1000PF,3000V,10%,1808_X7R C1808 STD 1 C30 10UF PCAP_SM-AL,10UF,80V,20%,63MMD_8MML C1808 STD 1 C30 10UF PCAP_SM-AL,68UF,10VV,20%,4953_L0W_Z PB-FR C5454 EEE-FK1K100XP 1 C33 68UF PCAP_SM-AL,68UF,10VV,20%,4953_L0W_Z PB-FR C5454 EEE-FK2A680AQ CR1,CR3,CR4,CR5,CR6, A CR1,CR3,CR4,CR5,CR6, A CR1,CR3,CR4,CR5,CR6, A CR1,CR3,CR4,CR5,CR6,	2	C9,C20	2.2UF	CAP_SM-CE,2.2UF,25V,10%,0805_X7R	C0805	STD
2 C15,C27 100PF CAP_SM-CE,100PF,100V,5%,0603_COG C0603 STD 0 C18 220PF CAP_SM-CE,220PF,50V,10%,0603_PB-FR C0603 STD 1 C22 0.033UF CAP_SM-CE,20PF,50V,10%,0603_X7R C0603 STD 2 C23,C24 1.0UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R C0603 STD 1 C25 0.01UF CAP_SM-CE,0.01UF,100V,10%,0603_X7R C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,0.01UF,100V,10%,0603_X7R C0603 STD 1 C30 10UF CAP_SM-CE,0.00PF,300OV,10%,1808_X7R C1808 STD 1 C30 10UF PCAP_SM-CE,0.00PF,300OV,10%,1808_X7R C1808 STD 1 C3 C6,20P,3M	3	C11,C13,C19	0.47UF	CAP_SM-CE,0.47UF,16V,10%,0603_X7R	C0603	STD
O C18 220PF CAP_SM-CE,220PF,50V,10%,0603_PB-FR C0603 STD 1 C22 0.033UF CAP_SM-CE,0.033UF,25V,10%,0603_X7R C0603 STD 2 C23,C24 1.0UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R_MULTI_PB-FR C0603 STD 1 C25 0.01UF CAP_SM-CE,0.01UF,100V,10%,0603_X7R C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,0.00PF,300OV,10%,1808_X7R C1808 STD 1 C30 10UF PCAP_SM-CE,1000PF,300OV,10%,1808_X7R C1808 STD 1 C30 10UF PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML C2626 EEE-FK1K100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,4953_LOW_Z_PB-FR C5454 EEE-FK2A680AQ C81,CR3,CR4,CR5,CR6, 8 CR9,CR13,CR14 DIODE_SMA-ES1D-13-F,200V SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TSUNI_SM_CA-SMCI170A,170V SMC SMCI170A 1 CR7	2	C14,C17	0.1UF	CAP_SM-CE,0.1UF,250V,10%,1206	C1206	STD
1 C22 0.033UF CAP_SM-CE,0.033UF,25V,10%,0603_X7R C0603 STD 2 C23,C24 1.0UF CAP_SM-CE,1.0UF,16V,10%,0603_X7R C0603 STD 1 C25 0.01UF CAP_SM-CE,0.01UF,100V,10%,0603_X7R C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,1000PF,3000V,10%,1808_X7R C1808 STD 1 C30 10UF PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML C2626 EEE-FKIX100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,6.3MMD_8MML C2626 EEE-FKIX100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,6.3MMD_8MML C2626 EEE-FKIX100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,63MMD_8MML C2626 EEE-FKIX100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,63MMD_8MML C2626 EEE-FKIX100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,63MMD_8MML C2626 EEE-FKIX100XP 1 CR1 C81,20C,40C C81,20C C81,20C C81,20C C81,20C <	2	C15,C27	100PF	CAP_SM-CE,100PF,100V,5%,0603_C0G	C0603	STD
2 C23,C24 1.0UF CAP_SM-CE,1.0UF,16V,10%,0603_x7R_MULTI_PB-FR C0603 STD 1 C25 0.01UF CAP_SM-CE,0.01UF,100V,10%,0603_x7R C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,1000PF,3000V,10%,1808_x7R C1808 STD 1 C30 10UF PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML C2626 EEE-FKIK100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,4953_LOW_Z PB-FR C5454 EEE-FK2A680AQ 1 C73 DIODE_SMA-ES1D-13-F,200V SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMCJ170A,170V SMC SMCL SMCL170A 1	0	C18	220PF	CAP_SM-CE,220PF,50V,10%,0603_PB-FR	C0603	STD
1 C25 0.01UF CAP_SM-CE,0.01UF,100V,10%,0603_XTR C0603 STD 3 C26,C28,C29 1000PF CAP_SM-CE,1000PF,3000V,10%,1808_XTR C1808 STD 1 C30 10UF PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML C2626 EEE-FK1K100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,4953_LOW_Z_PB-FR C5454 EEE-FK2A680AQ CR1,CR3,CR4,CR5,CR6, CR1,CR3,CR4,CR5,CR6, SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMCI170A,170V SMC SMC I770A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 E2350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 <td>1</td> <td>C22</td> <td>0.033UF</td> <td>CAP_SM-CE,0.033UF,25V,10%,0603_X7R</td> <td>C0603</td> <td>STD</td>	1	C22	0.033UF	CAP_SM-CE,0.033UF,25V,10%,0603_X7R	C0603	STD
3 C26,C28,C29 1000PF CAP_SM-CE,1000PF,3000V,10%,1808_X7R C1808 STD 1 C30 10UF PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML C2626 EEE-FK1K100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,4953_LOW_Z_PB-FR C5454 EEE-FK2A680AQ CR1,CR3,CR4,CR5,CR6, CR1,CR3,CR4,CR5,CR6, SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMCI170A,170V SMC SMCI170A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 E2350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335ML	2	C23,C24	1.0UF	CAP_SM-CE,1.0UF,16V,10%,0603_X7R_MULTI_PB-FR	C0603	STD
1 C30 10UF PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML C2626 EEE-FK1K100XP 1 C33 68UF PCAP_SM-AL,68UF,100V,20%,4953_LOW_Z_PB-FR C5454 EEE-FK2A680AQ CR1,CR3,CR4,CR5,CR6, CR2,CR13,CR14 DIODE_SMA-ES1D-13-F,200V SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMCJ170A,170V SMC SMCJ170A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-	1	C25	0.01UF	CAP_SM-CE,0.01UF,100V,10%,0603_X7R	C0603	STD
1 C33 68UF PCAP_SM-AL,68UF,100V,20%,4953_LOW_Z_PB-FR C5454 EEE-FK2A680AQ CR1,CR3,CR4,CR5,CR6, CR9,CR13,CR14 DIODE_SMA-ES1D-13-F,200V SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMCJ170A,170V SMC SMCJ170A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-5T,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A	3	C26,C28,C29	1000PF	CAP_SM-CE,1000PF,3000V,10%,1808_X7R	C1808	STD
CR1,CR3,CR4,CR5,CR6, 8	1	C30	10UF	PCAP_SM-AL,10UF,80V,20%,6.3MMD_8MML	C2626	EEE-FK1K100XP
8 CR9,CR13,CR14 DIODE_SMA-ES1D-13-F,200V SMA ES1D-13 2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMCJ170A,170V SMC SMCJ170A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 E2350 1 L1 1SUH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20N33_G SO8 BSC320N20N53 1 Q4 NP	1	C33	68UF	PCAP_SM-AL,68UF,100V,20%,4953_LOW_Z_PB-FR	C5454	EEE-FK2A680AQ
2 CR2,CR12 ZENER_SM-MMSZ5239B-7-F,9.1V DSOD123 MMSZ5239B-7-F 1 CR7 DIODE_TVS_UNI_SM_CA-SMCJ170A,170V SMC SMCJ170A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 1SUH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET		CR1,CR3,CR4,CR5,CR6,				
1 CR7 DIODE_TVS_UNI_SM_CA-SMCJ170A,170V SMC SMCJ170A 1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 1SUH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	8	CR9,CR13,CR14		DIODE_SMA-ES1D-13-F,200V	SMA	ES1D-13
1 CR10 DIODE_SOD-1N4148W,1.0V_PB_FR DSOD123 1N4148WSF-7 2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	2	CR2,CR12		ZENER_SM-MMSZ5239B-7-F,9.1V	DSOD123	MMSZ5239B-7-F
2 CR11,CR16 SCHOTTKY_SM_AC-MBRS1100T3G,100V SMA MBRS1100T3G 1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	1	CR7		DIODE_TVS_UNI_SM_CA-SMCJ170A,170V	SMC	SMCJ170A
1 CR15 SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V SOT23 BAT54S 2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	1	CR10		DIODE_SOD-1N4148W,1.0V_PB_FR	DSOD123	1N4148WSF-7
2 J1,J2 TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2 TBLK-2 EZ350 1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	2	CR11,CR16		SCHOTTKY_SM_AC-MBRS1100T3G,100V	SMA	MBRS1100T3G
1 L1 15UH IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC L3944 XAL1010-153 1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	1	CR15		SCHOTTKY_DUAL_S_SOT-BAT54S,0.4V	SOT23	BAT54S
1 L2 3300UH IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335 LIND 8 DS1608C-335MLC 1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	2	J1,J2		TERM_BLK1X2_TH-ST,NONE,MOLEX_282841-2	TBLK-2	EZ350
1 P1 HDR1X2_M-ST,NONE,TSW-102-08-G-S CON-2 TSW-102-08-G-S 1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	1	L1	15UH	IND_PWR_SM-15UH,20%,13.8A,XAL1010-153MEC	L3944	XAL1010-153
1 Q1 NPN_SOT_BCE-200V,FCX658A SOT89 FCX658A 2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	1	L2	3300UH	IND_PWR_SM-3300UH,20%,0.08A,DS1608C-335	LIND 8	DS1608C-335MLC
2 Q2,Q3 NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G SO8 BSC320N20NS3 1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	1	P1		HDR1X2_M-ST,NONE,TSW-102-08-G-S	CON-2	TSW-102-08-G-S
1 Q4 NPN_SOT89_E1-NONE,BCX56-16 SOT-89 BCX56-16 1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	1	Q1		NPN_SOT_BCE-200V,FCX658A	SOT89	FCX658A
1 Q5 NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G SO8 BSC190N15NS3	2	Q2,Q3		NMOSFET_PP8_PP8-NONE,BSC320N20NS3_G	SO8	BSC320N20NS3
	1	Q4		NPN_SOT89_E1-NONE,BCX56-16	SOT-89	BCX56-16
1 Q6 PMOSFET_8P_SO8-NONE,IRF6217 SO8 IRF6217	1	Q5		NMOSFET_PP8_PP8-NONE,BSC190N15NS3_G	SO8	BSC190N15NS3
	1	Q6		PMOSFET_8P_SO8-NONE,IRF6217	SO8	IRF6217

PMP22075REVB-BOM.xlsx

Count	RefDes	Value	Description	Size	Manufacturer Part #
2	R1,R26	20K	RES_SM-TF,20K,0.500W,5%,1210	R1210	STD
2	R2,R25	47	RES_SM-TF,47,1.00W,5%,2512	R2512	STD
2	R3,R24	100	RES_SM-TF,100,1.00W,1%,2512	R2512	STD
4	R4,R6,R27,R28	10K	RES_SM-TF,10K,0.5W,1%,1210	R1210	STD
1	R5	33K	RES_SM-TF,33K,0.125W,1%,R0805	R0805	STD
1	R7	1.62	RES_SM-HP,1.62,0.25W,1%,0805	R0805	STD
1	R8	2.43K	RES_SM-TF,2.43K,0.100W,1%,0603_PB-FR	R0603	STD
1	R9	10	RES_SM-TF,10,0.063W,1%,0603_PB-FREE	R0603	STD
1	R10	1K	RES_SM-TF,1K,0.1W,5%,0603_PB-FR	R0603	STD
0	R11,R19	1K	RES_SM-TF,1K,0.1W,1%,0603_PB-FR	R0603	STD
1	R12	10K	RES_SM-TF,10K,0.100W,1%,0805	R0805	STD
1	R13	53.6K	RES_SM-TF,53.6K,0.100W,1%,0603_PB-FR	R0603	STD
1	R14	10K	RES_SM-TF,10K,0.1W,1%,0603	R0603	STD
1	R15	8.66K	RES_SM-TF,8.66K,0.063W,0.1%,THIN_0603	R0603	STD
1	R16	143K	RES_SM-TF,143K,0.063W,1%,0603	R0603	STD
1	R17	10.5K	RES_SM-TF,10.5K,0.063W,1%,0603	R0603	STD
1	R18	37.4K	RES_SM-TF,37.4K,0.063W,1%,0603_PB-FR	R0603	STD
1	R20	1K	RES_SM-TF,1K,0.063W,0.1%,0603_PB-FR	R0603	STD
1	R21	4.99K	RES_SM-TF,4.99K,0.1W,1%,0603_PB-FR	R0603	STD
1	R22	0	RES_SM-TF,0,0.1W,5%,0603_PB-FR	R0603	STD
1	R29	499	RES_SM-TF,499,0.125W,1%,1206	R1206	STD
1	T1		ZA9609AE_SM12	XFMR	EFD25
1	T2	500UH	TCE0502H03_SM8-500UH,ITEMP-DEG-C	XFMR	TCE0502H03/PA1005.050NLT
4	TP1,TP2,TP3,TP4		TESTPOINT_NO_PN-TH,60RD60RD40,TPV60RD60RD40	TESTPOINT	5000
0	TP5,TP6		TESTPOINT_NO_PN-TH,25RD35RD10,TPV25RD35RD10	TESTPOINT	TESTPOINT
1	U1		LM5026_TSSOP16-ACT-CLAMP_CURR-MOD_PWM_CNTRL	TSSOP16	LM5026
2	U2,U3	_	UCC27511_SOT23_6-SNGL-CH_4A-SOURCE_8A-SINK_GATE-DRIV	/ SOT23	UCC27511
1	U4		TL431X_SOT23_3-TL431BIDBZ,ADJ_SHUNT_REG_0.5%_I-TEMP	SOT23	TL431BIDBZ
1	U5		OPTO_SO4-FOD817AS_F117_PB-FR,5000V	SO4	FOD817AS
1	U6		LMV431_SOT23_3-VREG_SHUNT_PB-FR	SOT23	LMV431

TOTAL= 93

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