

**Assembly Bill of Materials
PMP9457**

Texas Instruments

Designator	Quantity	PartNumber	Manufacturer	Value	PackageReference	Description
BIAS_EN, PG, PG_PULL_UP, SYNC	5	5014	Keystone	Yellow	Yellow Multipurpose Testpoint	Test Point, Multipurpose, Yellow, TH
C04, C05	2	08051C223JAT2A	AVX	0.022uF	0805	CAP, CERM, 0.022uF, 100V, +/-5%, X7R, 0805
CBIAS	1	C2012X5R1H475K125AB	TDK	4.7uF	0805	CAP, CERM, 4.7uF, 50V, +/-10%, X5R, 0805
CBOOT	1	0805YC474KAT2A	AVX	0.47uF	0805	CAP, CERM, 0.47uF, 16V, +/-10%, X7R, 0805
CIN3	3	C5750X7S2A106M	TDK	10uF	2220	CAP, CERM, 10uF, 100V, +/-20%, X7S, 2220
CF1	1	GCM32ER71H475KA5L	MuRata	4.7uF	1210	Multilayer Ceramic Capacitors MLCC - SMD/SMT 1210 4.7uF 50volts X7R 10%
CFF	1	GRM1885C1H101JA01D	MuRata	100pF	0603	CAP, CERM, 100pF, 50V, +/-5%, C0G/NPO, 0603
CFF1	3	C0805C104K1RACTU	Kemet	0.1uF	0805	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805
CIN1	1	GRM21BR72A474KA73L	MuRata	0.47uF	0805	CAP, CERM, 0.47uF, 100V, +/-10%, X7R, 0805
CIN2	1	GRM32ER72A105KA01L	MuRata	1uF	1210	CAP, CERM, 1uF, 100V, +/-10%, X7R, 1210
CIN4	1	EEV-FK2A680Q	Panasonic	68uF	SMT Radial H13	CAP, AL, 68uF, 100V, +/-20%, 0.32 ohm, SMD
CO1, CO2	2	GRM32ER71A476KE15L	MuRata	47uF	1210	CAP, CERM, 47uF, 10V, +/-10%, X7R, 1210
CO3	1	08053D105KAT2A	AVX	1uF	0805	CAP, CERM, 1uF, 25V, +/-10%, X5R, 0805
CSS	1	C1608X7R1H473K	TDK	0.047uF	0603	CAP, CERM, 0.047uF, 50V, +/-10%, X7R, 0603
CVCC1	1	GRM188R71A225KE15D	MuRata	2.2uF	0603	CAP, CERM, 2.2uF, 10V, +/-10%, X7R, 0603
CVCC2	1	C3216X7R1A106M	TDK	10uF	1206	CAP, CERM, 10uF, 10V, +/-20%, X7R, 1206
GND	3	5011	Keystone	Black	Black Multipurpose Testpoint	Test Point, Multipurpose, Black, TH
J1	1	TSW-102-07-G-S	Samtec		2x1 Header	Header, TH, 100mil, 2x1, Gold plated, 230 mil above insulator
J2, J3	2	ED120/2DS	On-Shore Technology		TERM_BLK, 2pos, 5.08mm	TERMINAL BLOCK 5.08MM VERT 2POS, TH
LF1	2	MPI4040R2-2R2-R	Coiltronics	2.2uH	IND_4.5x1.5x4.1mm	Inductor, Shielded, ?, 2.2uH, 1.5A, 0.082 ohm, SMD
L_60V_HC	1	DR125-100-R	Coiltronics	10uH	DR125	Inductor, Shielded Drum Core, Ferrite, 10uH, 5.35A, 0.0189 ohm, SMD
RBIAS	1	CRCW0603000Z0EA	Vishay-Dale	0	0603	RES, 0 ohm, 5%, 0.1W, 0603
RENB, RFBT	2	CRCW06031M00FKEA	Vishay-Dale	1.00Meg	0603	RES, 1.00Meg ohm, 1%, 0.1W, 0603
RENT, RFBB1	2	CRCW0603590KFKEA	Vishay-Dale	590k	0603	RES, 590k ohm, 1%, 0.1W, 0603
RFBB	1	CRCW0603432KFKEA	Vishay-Dale	432k	0603	RES, 432k ohm, 1%, 0.1W, 0603
RPG1, RPG2, RSYNC	3	CRCW0603100KFKEA	Vishay-Dale	100k	0603	RES, 100k ohm, 1%, 0.1W, 0603
RT	1	CRCW060382K5FKEA	Vishay-Dale	82.5k	0603	RES, 82.5k ohm, 1%, 0.1W, 0603
SH-J1	1	969102-0000-DA	3M	1x2	Shunt	Shunt, 100mil, Gold plated, Black
SW	1	5012	Keystone	White	White Multipurpose Testpoint	Test Point, Multipurpose, White, TH
TC1	1	PTS080501B100RP100	Vishay/Beyschlag	100ohm	0805	Temperature Sensor, 100ohm, 1%, TC=+3850ppm, 0805, SMT
U1	1	LM46002PWP	Texas Instruments		PWP0016F	3.5 - 36V 3A Step-Down Converters with Low Quiescent Current, PWP0016F
VIN	1	5010	Keystone	Red	Red Multipurpose Testpoint	Test Point, Multipurpose, Red, TH
VOUT	1	5013	Keystone	Orange	Orange Multipurpose Testpoint	Test Point, Multipurpose, Orange, TH

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