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10nf	Cap-Ceramic 10000PF 50V L=8.2mm W=5.5mm C=0.5, C5, C6, C9, C33	C12, C21, C22, C23	FP-C0603-CF-IPC_A	C0603C104K5RAC1U	4
100nf	Cap-Ceramic 0.1uf 50V X7R 10% Pad SMD 9603 125°C FR	C24, C33, C51, C52 C603C104K5RAC3121 C603, C50, C51, C511	FR C0603C104K5RAC3121 IPC_A	C0603C104K5RAC3121	15
1uf	Cap-Ceramic 1uf 16V 10% X7R 50V 0.001uF 120°C Paste	C13, C34	CAP140X09X05N11 T15	C0603C105K4RAC1U	2
20603C12465RAC1U	0603 C105uf Ceramic Multi-layer Capacitor X7R Paste: 1.10mm	C31	FP-C0603-CF-IPC_A	C0603C104K5RAC1U	1
10uF	Capacitor Ceramic X7R 10uF 100V 9403 125°C 85°C Embossed 1.7mm	S61	FR-1208-L_3_2_0_35 W_1.6-IPC_A	0MK316B1706K1BT	1
22uF	Cap-Ceramic 22uF 16V 10% X7R 50V 0.022uF 120°C Paste	G21, G22	CAP3216X180N	FMK316B22K6L-T	2
30603H4-103mm	30603H4-103mm				
LST-C193TGK1-5A	AD-320nm~350nm VR-30nm~2-3V 3.1V 2.5-3.5V 3.5-4.5V	D1, D4	FP-LST-C193TGK1-5A	LST-C193TGK1-5A	2
30603H4-103mmj	30603H4-103mmj				
LST-C193TBK1-5A	AD-405nm~475nm VR-2.65V~3.05V 3.5-5mA PD-7mA/P	D2	FP-LST-C193TBK1-5A MFG	LST-C193TBK1-5A	1
40603H4-103mm	40603H4-103mm				
LST-C191K8K1	1.5 AD-43nm VR-3.9V~2-3V 3.4V 2.5-3.5V 3.5-4.5V	D3	FP-LST-C191K8K1	LST-C191K8K1	1
CON-SOC1-215S	DC Power Connection Power Jack/Connector 1.2mm 3.5mm	J1	GRAVITECH_CON-SOC1-215S	CON-SOC1-215S	1
TFM-110-21-S-D	SAMTEC TFM-110- 21-S-D Board-To- Board Connector TFM Series, 20 Contacts, Header (2) Through holes, 2.54mm	J1, J2	SAMTEC_TFM-110-21- S-D	TFM-110-21-S-D	2
Female, 10C, Straight, 100°C, 3.0mm Tall, No M, 100° Tin Pb1, Phosph. Bronze, 105	J3	HEADER 1X7	PPTC071UFBN-8C		1
Hell Angled Pin Header 10 Pin Pitch 2.54mm, Dual Row, 12mm	J4, J26, J34	01301221021	01301221021		3
40603H4-103mm 40603H4-103mm	40603H4-103mm 40603H4-103mm	J1, J22, J23, J24, J25, J26	HEADER 1X4	PPPC041UFBN-8C	4
Female, 6C, Straight, 100°C, 3.0mm Tall, No M, 100° Tin Pb1, Phosph. Bronze, 105	J31	HEADER 1X6	PPTC061UFBN-8C		1
Grove, Universal 4 Pin connector [Screw Studio] 11090038 Grove - Universal 4 pin connector	J32	FP-11090030	11090038		1
2.54mm (0.1") Pitch SL Vertical Pin Tail Pin Header, 4 female through hole pins, 2 contacts	J51, J52, J53, J54	PP-MD-9990246-M4C	9C0-9990246		4
1.3μH	1.3μH 3.3μ 20% 100K 150 Factor Metal Foil Power 3A 0.080mH DCR 1.0R	J61	INDC7064C0N	SPB7001A-3K3M	1
Transistor MOSFET N- Channel 30V 2A 3-A SOY55UNR	J61, J42, J43	SOT95PZ30X110-3N	NVY55UNR		3
Dual General Purpose Transistors, 4-Pin SOT 333, Vertical Free, Tape and Reel	J61, J52	ONSC-SOT-333-6- 419B-02-W_V	CMP-104B-0B877.1		2
Single N-Channel 30 V 3-A Surface Mount Power Transistor SOY2-23	J63	SOY2-23	FP-SI2204B051E3		4
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R22, R23, R24, R25, R46, R48, R47, R54	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R51, R52, R53, R54	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R55, R56, R57	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R58, R59, R60, R61	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R62, R63, R64, R65	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R66, R67, R68, R69	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R70, R71, R72, R73	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R74, R75, R76, R77	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R78, R79, R80, R81	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R82, R83, R84, R85	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R86, R87, R88, R89	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R90, R91, R92, R93	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R94, R95, R96, R97	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R98, R99, R100, R101	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R102, R103, R104, R105	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R106, R107, R108, R109	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R110, R111, R112, R113	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R114, R115, R116, R117	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R118, R119, R120, R121	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R122, R123, R124, R125	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R126, R127, R128, R129	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R130, R131, R132, R133	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R134, R135, R136, R137	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R138, R139, R140, R141	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R142, R143, R144, R145	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R146, R147, R148, R149	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R150, R151, R152, R153	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R154, R155, R156, R157	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R158, R159, R160, R161	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R162, R163, R164, R165	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R166, R167, R168, R169	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R170, R171, R172, R173	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R174, R175, R176, R177	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R178, R179, R180, R181	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R182, R183, R184, R185	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R186, R187, R188, R189	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R190, R191, R192, R193	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R194, R195, R196, R197	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R198, R199, R200, R201	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R202, R203, R204, R205	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R206, R207, R208, R209	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R210, R211, R212, R213	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R214, R215, R216, R217	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R218, R219, R220, R221	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R222, R223, R224, R225	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R226, R227, R228, R229	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R230, R231, R232, R233	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R234, R235, R236, R237	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R238, R239, R240, R241	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R242, R243, R244, R245	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R246, R247, R248, R249	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R250, R251, R252, R253	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R254, R255, R256, R257	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R258, R259, R260, R261	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R262, R263, R264, R265	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R266, R267, R268, R269	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R270, R271, R272, R273	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R274, R275, R276, R277	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R278, R279, R280, R281	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R282, R283, R284, R285	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R286, R287, R288, R289	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R290, R291, R292, R293	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R294, R295, R296, R297	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R298, R299, R300, R301	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R302, R303, R304, R305	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R306, R307, R308, R309	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R310, R311, R312, R313	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R314, R315, R316, R317	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R318, R319, R320, R321	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R322, R323, R324, R325	FP-E3R10-IPC_A	ESR10ZPR1000		12
Res.Thick Film 0805 100k Ohm 1% 0.4W +100ppm/°C Modest SMD Paper 1/8	R326, R327, R328, R329	FP-E3R10-IPC_A	ESR1		

