

TPPFCSIC-EVK-301 PCB3052 BOM

Designator	Part Number	Manufacturer	Description	Quantity
C1	ECW-F2W105JA	Panasonic Electronic Components	CAP FILM 1UF 5% 450VDC RADIAL	1
C2	UMJ325KB7106KMHP	Taiyo Yuden	CAP CER 10UF 50V X7R 1210	1
C3	885342208018	Würth Elektronik	WCAP-CSMH MID AND HIGH VOLTAGE M	1
C4	885012207092	Würth Elektronik	CAP CER 10000PF 50V X7R 0805	1
C5	885012007063	Würth Elektronik	CAP CER 1000PF 50V C0G/NP0 0805	1
C7	860160475022	Würth Elektronik	CAP ALUM 470UF 20% 25V RADIAL	1
C8	860020675020	Würth Elektronik	CAP ALUM 220UF 20% 50V RADIAL	1
C9	885012206095	Würth Elektronik	CAP CER 0.1UF 50V X7R 0603	1
C10	DE1E3KX222MB4BP01F	Murata Electronics	CAP CER 2200PF 300VAC RADIAL	1
D1	RF101LAM4STR	Rohm Semiconductor	DIODE GEN PURP 400V 1A PMDTM	1
D2	RFN1LAM7STFTR	Rohm Semiconductor	DIODE GEN PURP 700V 800MA PMDTM	1
D5	RF05VAM2STR	Rohm Semiconductor	DIODE GEN PURP 200V 500MA TUMD2S	1
D6	RF201LAM2STR	Rohm Semiconductor	DIODE GEN PURP 200V 2A PMDTM	1
IC2	LM431SCCM3X	Onsemi	V-Ref Adjustable 2.495V to 36V 100mA 3-Pin SOT-23 T/R	1
L1	750319172	Würth Elektronik	Transformer EE22 -Custom-Made	1
P1, P3, P4, P5	929667-04-02-I	3M	CONN HEADER R/A 4POS 2.54MM	4
R1, R3	ESR10EZPF1203	Rohm Semiconductor	RES Thick Film, 0.4W, 12000ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0805	2
R2	ESR10EZPJ562	Rohm Semiconductor	RES Thick Film, 0.4W, 5600ohm, 150V, 5% +/-Tol, 200ppm/Cel, Surface Mount, 0805	1
R4	HV733ATTE1003F	KOA Speer Electronics, Inc.	Res Thick Film 2512 100K Ohm 1% 1W ±100ppm/C Pad SMD T/R	1
R5	ERJ1TRQF1R2U	Panasonic Electronic Components	RES Thick Film, 1W, 1.2ohm, 1.0954V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 2512	1
R6	RCS08052K49FKEA	Vishay Dale	RES SMD 2.49K OHM 1% 1/2W 0805	1
R7	ESR03EZPF10R0	Rohm Semiconductor	RES Thick Film, 0.25W, 10ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	1
R8	ESR10EZPF9102	Rohm Semiconductor	RES Thick Film, 0.4W, 91000ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0805	1
R9	ESR10EZPF10R0	Rohm Semiconductor	RES Thick Film, 0.4W, 10ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0805	1
R11	ESR03EZPJ202	Rohm Semiconductor	RES Thick Film, 0.25W, 2000ohm, 150V, 5% +/-Tol, 200ppm/Cel, Surface Mount, 0603	1
R12	ESR10EZPF1001	Rohm Semiconductor	RES Thick Film, 0.4W, 1000ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0805	1
R13	ESR03EZPF1202	Rohm Semiconductor	RES Thick Film, 0.25W, 12000ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	1
R14	ESR03EZPF1802	Rohm Semiconductor	RES Thick Film, 0.25W, 18000ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	1
R16	ESR03EZPF4701	Rohm Semiconductor	RES Thick Film, 0.25W, 4700ohm, 150V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	1
U1	BM2P101EK-LB	Rohm Semiconductor	AC/DC converter DIP 7-PIN	1
U2	LTV-816	Lite-On	Optocoupler DC-IN 1-CH Transistor DC-OUT 4-Pin PDIP	1

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