

NOTE: DNI--> DO NOT INSTALL(PACKOUT) ; DNP--> DO NOT PROCURE

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION
1	C1, C3		2	C2012X752A105K125AB; GRJ21BC72A105KE11; CGA4J3X752A105K125AB; GRM21BC72A105KE01	TDK; MURATA; TDK	1UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 1UF; 100V; TOL=10%; TG=55 DEGC TO +125 DEGC; TC=X7S
2	C2, C4, C5, C21		4	CC0603KRX7R08B104; GRM188R72A104KA35; GCJ188R72A104KA01; HMK107B7104KA; 06031C104KAT2A; GRM188R72A104K	YAGEO; MURATA; MURATA; TAIYO YUDEN; AVX; MURATA	0.1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.1UF; 100V; TOL=10%; TG=55 DEGC TO +125 DEGC; TC=X7R
3	C6		1	GRM219C71E475KE21;GRM21BC71E475KE11	MURATA; MURATA	4.7UF	CAP; SMT (0805); 4.7UF; 10%; 25V; X7S; CERAMIC CHIP
4	C7		1	C1608X5R1E106M080AC; CL10A106MA8NRNC; GRM188R61E106MA73; ZRB18AR61E106ME01; GRT188R61E106ME13	TDK; SAMSUNG ELECTRONICS; MURATA; MURATA; MURATA	10UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 10UF; 25V; TOL=20%; TG=55 DEGC TO +85 DEGC; TC=X5R
5	C8, C13		2	GRM188R71E105KA12; CGA3E1X7R1E105K; TMK107B7105KA; 06033C105KAT2A; GCM188R71E105KA64; C1608X7R1E105K080AE; CGA3E1X7R1E105K080AC	MURATA; TDK; TAIYO YUDEN; AVX; MURATA; TAIYO YUDEN; TDK	1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1UF; 25V; TOL=10%; TG=55 DEGC TO +125 DEGC; TC=X7R
6	C9, C15		2	CGA2B3X7R1E104K050BB	TDK	0.1UF	CAP; SMT (0402); 0.1UF; 10%; 25V; X7R; CERAMIC CHIP
7	C14, C16		2	302543W332KV4E; 1812HC332KAT1A	JOHANSON DIELECTRICS INC; AVX	3300PF	CAP; SMT (1812); 3300PF; 10%; 3000V; X7R; CERAMIC CHIP
8	C18		1	DK1E3EA102M86RAH01	MURATA	1000PF	CAP; SMT; 1000PF; 20%; 250V; E; CERAMIC CHIP
9	C19		1	GRM21BR61E106K; C2012X5R1E106K085AC125AB; C2012X5R1E106K085AC	MURATA;TDK;TDK	10UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 10UF; 25V; TOL=10%; MODEL=; TG=55 DEGC TO +85 DEGC; TC=X5R
10	C20		1	GRM31CR71H475KA12; GRJ31CR71H475KE11; GXM31CR71H475KA10	MURATA; MURATA; MURATA	4.7UF	CAPACITOR; SMT (1206); CERAMIC CHIP; 4.7UF; 50V; TOL=10%; MODEL=; TG=55 DEGC TO +125 DEGC; TC=X7R
11	C22		1	C1608X5R1E225K; TMK107ABJ225KA; TMK107BJ225KA; GRM188R61E225KA12	TDK; TAIYO YUDEN; TAIYO YUDEN; MURATA	2.2UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 2.2UF; 25V; TOL=10%; MODEL=; TG=55 DEGC TO +85 DEGC; TC=X5R
12	D1, D2		2	RCLAMP1224S.TCT	SEMTECH	RCLAMP1224S.TCT	DIODE; TVS; SMT (SOT23-6); PIV=12V; IPP=15A
13	D3, D4		2	SBR2M30P1	DIODES INCORPORATED	SBR2M30P1	RECTIFIER
14	DS1, DS2		2	LTST-C193KGKT-5A	LITE-ON ELECTRONICS INC.	LTST-C193KGKT-5A	DIODE; LED; STANDARD; YELLOW-GREEN; SMT (0603); PIV=1.9V; IF=0.005A; -55 DEGC TO +85 DEGC
15	EGND, GNDF, GNDF1, GNDL, GNDL1		5	5011	KEYSTONE	N/A	TEST POINT; PIN DIA=0.125IN; TOTAL LENGTH=0.445IN; BOARD HOLE=0.063IN; BLACK; PHOSPHOR BRONZE WIRE SILVER PLATE FINISH;
16	J1, J4, J7		3	PEC02SAAN	SULLINS	PEC02SAAN	CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 2PINS
17	J2, J3		2	142-0701-851	JOHNSON COMPONENTS	142-0701-851	CONNECTOR; END LAUNCH JACK RECEPTACLE; BOARDMOUNT; STRAIGHT THROUGH; 2PINS;
18	J5, J8		2	393570002	MOLEX	393570002	CONNECTOR; FEMALE; THROUGH HOLE; 0.3MM PITCH BEAU EUROSTYLE FIXED MOUNT PCB TERMINAL BLOCK; RIGHT ANGLE; 2PINS
19	J6		1	393570003	MOLEX	393570003	CONNECTOR; FEMALE; THROUGH HOLE; 0.3MM PITCH EUROSTYLE LOW; SINGLE ROW FIXED BLOCK; STRAIGHT; 3PIN
20	L2		1	LTF5022T-4R7N2R0-LC	TDK	4.7UH	INDUCTOR; SMT; FERRITE CORE; 4.7UH; TOL=+/-30%; 2.3A
21	MH1-MH4		4	9032	KEYSTONE	9032	MACHINE FABRICATED; ROUND-THRU HOLE SPACER; NO THREAD; M3.5; 5/8IN; NYLON
22	R2		1	MCR03EZPFX2002; ERJ-3EKF2002; CR0603-FX-2002ELF; CRCW060320K0FK	ROHM; PANASONIC; BOURNS; VISHAY DALE	20K	RESISTOR; 0603; 20K OHM; 1%; 100PPM; 0.10W; THICK FILM
23	R4, R12, R13		3	CRCW06031K00FK; ERJ-3EKF1001	VISHAY DALE; PANASONIC	1K	RESISTOR; 0603; 1K; 1%; 100PPM; 0.10W; THICK FILM
24	R5		1	CRCW0603432KFK	VISHAY DALE	432K	RESISTOR; 0603; 432K OHM; 1%; 100PPM; 0.10W; THICK FILM
25	R8		1	ERJ-3EKF5902	PANASONIC	59K	RESISTOR; 0603; 59K OHM; 1%; 100PPM; 0.1W; THICK FILM
26	R9		1	CRCW060310K0FK; ERJ-3EKF1002	VISHAY DALE; PANASONIC	10K	RESISTOR; 0603; 10K; 1%; 100PPM; 0.10W; THICK FILM
27	R10, R11, R14		3	CRCW060320R0FK; ERJ-3EKF20R0	VISHAY DALE; PANASONIC	20	RESISTOR, 0603, 20 OHM, 1%, 100PPM, 0.10W, THICK FILM
28	R16		1	ERA-3AEB121	PANASONIC	120	RESISTOR; 0603; 120 OHM; 0.1%; 25PPM; 0.10W; METAL FILM
29	R19, R22		2	CRHV2512AF51M0FKE	VISHAY	51M	RES; SMT (2512); 51M; 1%; +/-100PPM/DEGC; 1W
30	R20, R21		2	CRCW06030000Z0	VISHAY DALE	0	RESISTOR; 0603; 0 OHM; 0%; JUMPER; 0.1W; THICK FILM
31	T1		1	TGMR-511V6LF	HALO ELECTRONICS, INC	TGMR-511V6LF	TRANSFORMER; SMT; 1:1CT; POWER TRANSFORMER
32	TP1		1	5013	KEYSTONE	N/A	TEST POINT; PIN DIA=0.125IN; TOTAL LENGTH=0.445IN; BOARD HOLE=0.063IN; ORANGE; PHOSPHOR BRONZE WIRE SILVER PLATE FINISH;
33	U1		1	MAX13256ATB+	MAXIM	MAX13256ATB+	IC; DRV; 36V H-BRIDGE TRANSFORMER DRIVER FOR ISOLATED SUPPLIES; TDFN10-EP 3X3
34	U2		1	MAX22445	MAXIM	MAX22445	EVKIT PART - IC; MAX2244X SERIES; PACKAGE DRAWING NUMBER: 21-0042; PACKAGE LAND PATTERN: 90-0107; PACKAGE CODE: W16MS+12; WSOIC16
35	U3		1	MAX17651AZT+	MAXIM	MAX17651AZT+	IC; REG; ULTRA-LOW QUIESCENT CURRENT; LINEAR REGULATOR; TSOT6;
36	U4		1	MAX16904SATB50/V+	MAXIM	MAX16904SATB50/V+	IC; CONV; 2.1MHZ HIGH-VOLTAGE; 600 MILLIAMPERE MINI-BUCK CONVERTER; TDFN10-EP
37	U5		1	MAX22500EATB+	MAXIM	MAX22500EATB+	EVKIT PART-IC; TDFN10-EP; HIGH SPEED HALF-DUPLEX RS-485 TRANSCEIVER FOR LONG CABLE LENGTH; PACKAGE CODE: T1033+2; PACKAGE OUTLINE: 21-0137
38	V5V_ISO, V5V_PWR, V24V		3	5010	KEYSTONE	N/A	TEST POINT; PIN DIA=0.125IN; TOTAL LENGTH=0.445IN; BOARD HOLE=0.063IN; RED; PHOSPHOR BRONZE WIRE SIL;
39	PCB		1	MAX22500E_DEMO_APPS_A	MAXIM	PCB	PCB:MAX22500E_DEMO_APPS_A
40	C10-C12, C17	DNI	4	C0603C470J5GAC; 06035A470JAT2A	KEMET;AVX	47PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 47PF; 50V; TOL=5%; MODEL=; TG=55 DEGC TO +125 DEGC; TC=C0G
41	R1	DNI	1	CRCW060349R9FK	VISHAY DALE	49.9	RESISTOR; 0603; 49.9 OHM; 1%; 100PPM; 0.10W; THICK FILM
42	R3, R7	DNI	2	CRCW06030000Z0	VISHAY DALE	0	RESISTOR; 0603; 0 OHM; 0%; JUMPER; 0.1W; THICK FILM
43	R6	DNI	1	CRCW0603100KFK; RC0603FR-07100KL; RC0603FR-13100KL; ERJ-3EKF1003; AC0603FR-07100KL	VISHAY DALE; YAGEO; YAGEO; PANASONIC	100K	RESISTOR; 0603; 100K; 1%; 100PPM; 0.10W; THICK FILM
44	R15, R17	DNI	2	CRCW06031K50FK	VISHAY DALE	1.5K	RESISTOR; 0603; 1.5K; 1%; 100PPM; 0.10W; THICK FILM
45	R23, R24	DNI	2	CRHV2512AF51M0FKE	VISHAY	51M	RES; SMT (2512); 51M; 1%; +/-100PPM/DEGC; 1W

TOTAL 80