

PARTS LIST : PWA, HI PWR AMP 400MHZ
ENGRG DWG # PL502-80059



10400 Pioneer Blvd, Bldg E-2
Santa Fe Springs, CA 90670

ElectroCom
Communication Systems

ITEM # 502-80059
REVISION : X2
PAGE 2 OF 2

ITEM	QTY	REF DES	PART NUMBER	MFR	VENDOR	DESCRIPTION	ECS NUMBER
1	1	-	502-80060 X2	ECS	ECS	PWB, HI-POWER AMP 400MHZ	502-80060
2	1	CR1	ZR40401F25	ZETEX	DGKEY	VOLTAGE REF MICROPWR 20mA ;1% SOT-23	162-0605-003
3	1	CR2	DL4148	DIODES INC.	DGKEY	DIODE SMD HI-SPEED SWITCHING 100V DL-35	09010072
4	4	C1,3,6,10	ECU-V1H103KBV	PANA	DGKEY	CAP SMT CER .01UF 50V ;10% 0603	03140124
5	9	C2,4,7,11,13, C14,15,16,17	GRM39-Y5V104Z16V	MURATA	TIME	CAP SMT CER .1UF 16V +80% -20% 0603	03140141
6	4	C5,8,9,12	GRM42-6Y5V105Z16V	MURATA	TIME	CAP SMT CER 1UF 16V +80% -20% 1206	110-0175-105
7	4	C18,19,20,21	ECU-V1H101JCV	PANA	DGKEY	CAP SMT CER NPO 100PF 50V ;5% 0603	110-0174-101
8	1	C22	ECS-T1CY105R	PANA	DGKEY	CAP SMT TANT 1UF 16V ;10% SIZE A	110-0194-105
9	2	C23,24	GRM710COG3R6C500	MURATA	TIME	CAP SMT HI-FREQ MONO CER 3.6PF .25pF 1210	110-204-3R6
10	4	C25,26,27,28	GRM710COG751J50	MURATA	TIME	CAP SMT HI-FREQ MONO CER 750PF 5% 1210	110-0204-751
11	2	D1,2	LN1271RAL	PANA	DGKEY	LED SMT RED GULL-WING 60mW 20mA 3V	09030037
12	1	F1	R460-01.5	LITTEL	DGKEY	FUSE PICO SMF 1.5A 125V CASE 7343	122-0034-002
13	2	HC1,2	11303-3	ANAREN	-	COUPLER HYB SMT 90° OCT BAND 380-520MHz	127-0019-001
14	1	L1	AO4T	COILCRAFT		INDUCTOR SMT 12.5nH SPRING-AIR	128-0105-004
15	1	Q3	IRF7204	INTL RECTIFIER	DGKEY	IC SMT POWER MOSFET P-CHANNEL SO-8	12100324
16	3	Q4,5,6	MMBT2222A	DIODES INC.	DGKEY	TSTR SMT NPN 350mW 40V SOT-23	07010067
17	6	R2,6,8,12,14,15	ERJ-3GSYJ103V	PANA	DGKEY	RES SMT THK FILM 10K ;5% 1/16W 0603	138-0074-103
18	2	R3,17	ERJ-3GSYJ301V	PANA	DGKEY	RES SMT THK FILM 300 ;5% 1/16W 0603	138-0074-301
19	1	R4	ERJ-3GSYJ183V	PANA	DGKEY	RES SMT THK FILM 18K ;5% 1/16W 0603	138-0074-183
20	3	R5,16,20	ERJ-3GSYJ102V	PANA	DGKEY	RES SMT THK FILM 1K ;5% 1/16W 0603	138-0074-102
21	4	R7,9,13,19	ERJ-3GSYJ104V	PANA	DGKEY	RES SMT THK FILM 100K ;5% 1/16W 0603	138-0074-104
22	1	R11	ERJ-3GSYJ273V	PANA	DGKEY	RES SMT THK FILM 27K ;5% 1/16W 0603	138-0074-273
23	1	R18	ERJ-3EKF2101V	PANA	DGKEY	RES SMT PRCN T-FILM 2.1K ;1% 1/16W 0603	138-0076-014
24	1	R21	ERJ-3EKF1132V	PANA	DGKEY	RES SMT PRCN T-FILM 11.3K ;1% 1/16W 0603	138-0076-015
25	1	U1	74HCT00	MOTOROLA	DGKEY	IC SMT QUAD 2-INPUT SO-14	12100317
26	2	U2,3	AD22105	ANALOG DEVICES	DGKEY	IC SMT LO-VOLT THERMOSTATIC SWITCH SO-8	162-0597-001
27	1	U4	TL33072D	TEXAS INSTRUMENT		IC SMT SINGLE SUPPLY OP-AMP SO-8	12100358
28							