


SIGNED	DATE	DESCRIPTION	REV.
Arcady I.	16/07/20	Add Tabs	01.8
Arcady I.	01/09/20	See ECO- 30434, change heat sink p/n	01.9
Arcady I.	11/10/20	See ECO-30466, add Heat Sinks	02.0

ITEM	QTY.	PART NUMBER	DESCRIPTION	ON C.S.
2	1	19705-4301	MECH,HARDWARE,CABLE,SHOE,6.3 FOR PCB	
3	8	KPTD-3216SGC	DIODE, SMD,L.E.D, GREEN,20MA;1.6X3.2MM	
4	2	SPT-73927-0009	CONN.OPTI SFP,ONE SHIELD- LOWER+UPPER CAGE,PF	
5	1	STL-1550-6-G-3,5-H	CONN,TB,TH,RA,6PIN(M),8A,GREEN	
6	4	SD-47603-001	CONN. SIM CARD HOUSING, SMD	
7	7	KPA-3010LMGCK	DIODE, SMD,L.E.D,RA,GREEN,2.0 MA;3.0X2.0X1.0MM	
8	1	LED-7104SA/3-RY002	DIODE, L.E.D,2MA, GREEN/GREEN/RED, 3 IN HOUSING	
9	1	HR852230HE	CONN.RJ45,TH,RA,10/100/1000,SHIELD,4PORT(2+2), Left LED Green	
10	1	HR935330CE	CONN,RJ45,TH,RA,10/100/1000,SHIELD,1GR LED,1PORT	
11	1	DCJ20-0442SVB-L	CONN.PWR,DC,JACK,2.0MM PIN,LOCK	
12	2	TL4105AF160QG	SWITCH, PUSH-BUTTON,NON LOCK,RA,SMD, 3PIN	
13	1	395061003	CONN.TB,TH,RA,3PIN(M),8A,W/T LOCK,P=3.5(MATES:395040003)	
14	1	XRJD-S-21S-8-B	CONN.RJ45,TH,RA,SHIELD, LEDS(RD/GR+RD/GR),2 PORT (1+1)	
15	1	XRJD-S-21S-8-B	CONN.RJ45,TH,RA,SHIELD, LEDS(R/G+R/G),1PORT STACK1+0	
16	1	KWH-8188-EUS2	WiFi Module	
17	1	LED-L-914CK/4-RY022	DIODE L.E.D,20MA, GREEN, 4 IN HOUSING	
18	1	2199230-4	CONN.EDGE CARD SOCKET,PCI EXPRESS_M2,KEY-E,SMD,RA,75PIN,67POS,H=4.2MM	
19	4	TH-1.6-2.5-M2.6	MECH,NUT,SMD,M2.5,D=3.3,T=2.5(FOR PCB)	
20	1	6410-3	CONN.WAFER,TH,ST,3 PIN(M), FRICTION LOCK HEADER	
21	1	47352-1001	CONN. MICRO SD MEMORY CARD, SMT,PUSH-PUSH,DETECT SWTCH	
22	2	67910-5700	CONN.EDGE CARD(F), MINI PCI EXPRESS,SMD,RA,52PIN,H=5.75MM	
23	2	TH-1.6-3.0-M2	MECH,NUT,SMD,M2,D=2.7,T=3.0(FOR PCB)	
24	1	67910-0002	CONN.EDGE CARD(F), MINI PCI EXPRESS,SMD,RA,52PIN	
25	2	TH-1.6-1.5-M2	MECH,NUT,SMD,M2,D=2.7,T=1.5(FOR PCB)	
26	1	HR936138HE	CONN.RJ45,TH,RA,10/100/1000,SHIELD,2PORT,(1+1),LEFT LED(GR)	
27	2	2199230-3	CONN.EDGE CARD SOCKET,PCI EXPRESS_M2,KEY-B,SMD,RA,75PIN,H=4.2MM	
28	1	TH-1.6-1.5-M2.6	MECH,NUT,SMD,M2.5,D=3.3,T=1.5(FOR PCB)	
29	2	KPTBD-3216ESGC	DIODE, SMD,L.E.D, RED/GREEN,20MA;1.6X3.2MM	
30	1	2630-5	CONNECTOR, 5 STRAIGHT PIN FRICTION LOCK HEADER	
31	1	2630-4	CONNECTOR, 4B STRAIGHT PIN FRICTION LOCK HEADER	
32	2	SPT-RS020B-12	CONN.OPTI SFP,EDGE,SOCKET,SMD,0.8MM,20PIN	
33	1	2199119-3	CONN.EDGE CARD SOCKET,M2,KEY-B,SMD,RA,67PIN,H=3.2MM	
34	1	G462-97T6-106	CONN.BOARD,SMD,ST,10PIN(2X5)P&P,H=12.6,1.27X1.27	
35	1	KPBA-3010RY05231	DIODE, SMD,L.E.D,RA,RED/GREEN,20MA;3.0X2.0X1.0MM	
36	1	BDN12-5CB/A01	HEAT SINK, 31X31X14	
37	1	Z-8281110000S0	CONN.OPTI, SFP+,ONE SHIELD CAGE, PF,WITH HEAT-SINK	



data communications

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
ALL DIMENSIONS BEFORE COATING
DEBUR AND BREAK SHARP EDGES (0.1-0.3)
SURFACE FINISH: N7
TOLERANCES:
LINEAR :±0.2 | ANG. :±0.5° | BTWN HOLES :±0.1 | BEND RAD. : 0.8

NAME: Arcady I.
DATE: 07/10/19
DESIGNED: Arcady I.
CHECKED: Yossi H.
12/10/20

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE
PROPERTY OF RAD.. ANY REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF RAD IS PROHIBITED.

TITLE:
K-33
MECH PCB MECHANICAL LAYOUT
CAT. NO.

DWG. NO.
19.08.14.04

REV.
02.0

SCALE: 1:1 DO NOT SCALE IN DRAWING

SHEET 1 OF 4

MATERIAL: PCB
FINISH:
PAINT:
PRINT:
NOTE-1:
NOTE-2:

SHEET FORMAT: A2
THICK:

