

Bill Of Material

Red Pitaya Extension Module Template 1

Source Data From:

RPEM_Template1_A.PrjPcb

Project:

RPEM_Template1

Version:

A

Variant:

Template

Template for Red Pitaya Extension Module

Product Code:

YourProjectCode



Report Date:

9:19:33 25.7.2014

Print Date:

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Note: Red Pitaya is a registered trademark. Use of the Red Pitaya name must be compliant with <http://www.redpitaya.com/trademark-rules/>

#	Designator	Quantity	Description	Value	Value2	Manufacturer	Manufacturer Part Number
1	PCB1	1	Printed circuit board 2 layer 52x60mm Panel 2x2 106x137mm	RPEM_Template1_A	FR4 1.6mm 35-35um Cu		
2	FD1, FD2	2	Fiducial top&bottom round 1.27mm	R			
3	C1	1	Capacitor Chip Ceramic 3216m(1206)	47uF	10V ±10% X5R	Murata	GRM31CR61A476ME15L
4	L1	1	Chip inductor wire wounded 3218m(1207)	47uH	205mA 0.92R ±10% SRF12MHz	Taiyo Yuden	LB3218T470K
5	CN4	1	CN IDC THT right angle P2.54mm low profile	IDC14LPH	14pin Male 350V 1A 20mR	Harting	09185147323
6	CN3	1	CN IDC THT right angle P2.54mm low profile	IDC20LPH	20pin Male 350V 1A 20mR	Harting	09185207323
7	CN1 (E1), CN2 (E2)	2	Connector FEMHDR Board-Board P2.54mm Pcb Straight thd	100-2-026-0-NFX-YS0-2331	26pin Fem 50V 1A	MPE-Garry	100-2-026-0-NFX-YS0-2331
8	MP3, MP4	2	Nut DIN934 hexagonal metric	M3	Steel nickel plated		
9	MP1, MP2	2	Screw DIN7985A metric PH head	M3x10mm	Steel nickel plated		
10	M1	1	Fan VAPO ball bearing SQ30H6,9	MC30060V2-0000-A99	5Vcc 72mA 3.7CFM/0.48m3/min 7500rpm	Sunon	MC30060V2-0000-A99
Approved		Total Quantity	Notes				
Total components:		14					