









Part	x	Υ	Angle	e Package	Value	Manufacturer	Manufacturer Part No	Farnell Part No	Mouser Part No	Description
Dimensions	51.44	63.50								
Fiducials - for solder paste mask alignment:										
FD1 FD2	48.26 2.54	48.26 6.35	0							Fiducial 1mm Fiducial 1mm
Surface Mount Components:										
C1 C2 C3 C4 C5 D1 D2 IC1 IC2 IC3 IC4 LED1 LED2	3.1 3.2 22.7 36.8 36.8 21.5 34.9 25. 44.7 18.6 7.4 25.1 27.2	1 19.4 6 31.2 3 10.1 3 7.6 9 8.7 9 32.2 4 20.3 4 9.1 4 32.2 9 19.6 5 38.1 4 31.3	9 1 6 2 6 3 2 8 3 3 5 6 4	180 0603 180 0603 90 0603 0 0805 270 SOD-123 90 SOD-123 0 0 SOT23-3 270 SOP65P400X130-8N 0 LGA8 90 2.0x1.25 180 2.0x1.25	1uF 0.1uF 1uF 0.1uF 10uF MBR120 MBR120 ERIC4 ERIC9 MCP111T-240E/TT SN74LVC2G02DCTR MPL3115A2 RED RED	Murata Murata Murata Murata Murata ON SEMICONDUCTOR ON SEMICONDUCTOR LPRS LPRS Microchip Texas Instruments NXP Wurth Electronik Wurth Electronik	GRM188R61A105KA61D GRM188R71H104JA93D GRM188R61A105KA61D GRM188R71H104JA93D GCJ218R71H106KE01L MBR120VLSFT1G MBR120VLSFT1G ERIC4 ERIC9 MCP111T-240E/TT SN74LVC2G02DCTR MPL3115A2 150080RS75000	1828798 2688523 1828798 2688523 2781411 1431044 1431044 2362439 2362440 1627192 1236358 2009084 2322077	710-150080RS75000 710-150080RS75000	MultiLayer Ceramic Capacitor; 1uF; 10V; 0603; X5R MultiLayer Ceramic Capacitor; 0.1uF; 50V; 0603; X7R MultiLayer Ceramic Capacitor; 0.1uF; 10V; 0603; X5R MultiLayer Ceramic Capacitor; 0.1uF; 50V; 0603; X7R MultiLayer Ceramic Capacitor; 10uF; 10V; 0805; X7R Schottky Rectifier; 20V; 1A; SOD-123 Schottky Rectifier; 20V; 1A; SOD-123 LPRS easy Radio Intelligent Controller 433MHz LPRS easy Radio Intelligent Controller 868/915MHz Reset Supervisor; SOT23-3; 2.40V; Open Drain; Active Low NOR Gate, 2 Input, 32 mA, 1.65 V to 5.5 V, SSOP-8 Pressure Sensor LED; Red; 20mA; 2V; 2.0x1.25mm LED; Red; 20mA; 2V; 2.0x1.25mm
Q1 Q2 R1 R2 R3 R4 R5 R6 R7 R8 R9 R11	43.1 33.7 29.1 11.2 29.1 11.2 24.0 25. 25.3 29.1 38.1 21.1	5 42.5 5 41.2 1 38.2 7 21.8 8 36. 7 18.4 7 8.5 3 36. 7 31.1 5 8.5 6 42.5 5 38.8 8 36.	8 4 6 8 1 8 1 1 5 1 5 6	270 SOT23 270 SOT23 180 0603 270 0603 180 0603 90 0603 90 0603 180 0603 90 0603 180 0603 0 0603 0 0603	DMG3415U-7 2N2222 2.2K 1K 100k 1K 1K 100k 1K 1K 1O0k 1K 1K 1OK	Diodes Inc. Fairchild Multicomp	DMG3415U-7 MMBT2222A MCWR06X2201FTL MCWR06X1001FTL MCWR06X1002FTL MCWR06X1002FTL MCWR06X1002FTL	1843688 9846700 2447320 2447272 2447272 2447272 2447272 2447272 2447272 2447272 2447272 2447230 2447230		MOSFET; P Channel; SOT23-WIDE Bipolar (BJT) Single Transistor, NPN, 40 V, 350 mW, 1 A Chip Resistor; Thick Film; 2.2k; 50V; 0603; 100mW Chip Resistor; Thick Film; 1k; 50V; 0603; 100mW Chip Resistor; Thick Film; 10k; 50V; 0603; 100mW Chip Resistor; Thick Film; 1k; 50V; 0603; 100mW
RF BAT1 BAT2 BAT3 RESET PYRO	mount com	ponents:			SMA Jack AAA-Clip_Pair AAA-Clip_Pair AAA-Clip_Pair Tactile Switch Terminal Block	Johnson Keystone Electronics Keystone Electronics Keystone Electronics Multicomp Phoenix Contact	142-0711-821 82 82 82 MCDTS6-1N SPTA 1/2-3.5	1019328 908721 908721 908721 9471685 1793729		SMA End Launch Jack Keystone Electronics 82 AAA Battery Clip (Pair) Keystone Electronics 82 AAA Battery Clip (Pair) Keystone Electronics 82 AAA Battery Clip (Pair) Switch, SPST, 0.05A, 12VDC, 160gf Terminal Block; 3.5mm; 2 Ways; 24-16 AWG