

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer	PackageReference	Value
Fitted	Printed Circuit Board	PCB	FIDA_010254_mo Rev	1	Any		
Fitted	CAP. CERAM. 10 uF 10 V, +/- 20%, K78, 0403	C1, C13, C15, C23, C36, C37, C38, C39, C40, C44, C56, C62, C72, C119, C120, C128, C129	GRM188Z71A106 MA73D	17	MuRata	0403	10uF
Fitted	CAP. CERAM. 10 pF 50 V, +/- 5%, C0G/NP0, 0402	C2, C100	GRM1555C1H100 A01D	2	MuRata	0402	10pF
Fitted	CAP. CERAM. 1 uF, 6.3 V, +/- 20%, K58, 0201	C3, C78	GRM033R60105 MEAGD	2	MuRata	0201	1uF
Fitted	CAP. CERAM. 0.22 uF, 16 V, +/- 10%, K7R, 0402	C4, C5, C7, C8, C16, C17, C12, C14, C16, C19, C21, C25, C26, C28, C29, C301	GRM1558Z1C224 KA13D	16	MuRata	0402	0.22uF
Fitted	CAP. CERAM. 0.047 uF, 50 V, +/- 10%, K7R, 0402	C6	C100X7R1H473K S5086	1	TDK	0402	0.047uF
Fitted	Chip Multilayer Ceramic Capacitors for General Purpose, 0402, 2.0uF, X5R, 15%, 20%, 10V	C9, C17, C20	GRM1558R1A25 ME01D	3	Murata	0402	2.2uF
Fitted	CAP. CERAM. 1 uF, 6.3 V, +/- 10%, K7R, 0402	C18, C22, C35	GRM1558Z0105K A12D	3	MuRata	0402	1uF
Fitted	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 4.7uF, X7S, 22%, 10%, 10V	C24, C27	GRM188C71C475 KE21D	2	Murata	0603	4.7uF
Fitted	CAP. CERAM. 0.01 uF, 25 V, +/- 10%, K7S, 0402	C30, C45	GRM1558Z1E103 M401D	2	MuRata	0402	0.01uF
Fitted	CAP. CERAM. 0.1 uF, 10 V, +/- 10%, K7S, 0201	C31, C34, C53	GRM033C71A104 KE14D	3	MuRata	0201	0.1uF
Fitted	CAP. CERAM. 4.7 pF, 50 V, +/- 2%, C0G/NP0, 0402	C32, C33	GRM1555C1H487 BB01D	2	MuRata	0402	4.7pF
Fitted	CAP. CERAM. 0.47 uF, 16 V, +/- 10%, K7R, 0603	C60, C66, C73	GRM188Z71C474 KA88D	3	MuRata	0603	0.47uF
Fitted	Chip Multilayer Ceramic Capacitors for General Purpose, F26, 2.2uF, K7R, 15%, 20%, 6.3V	C61, C79	GRM31CR70226 ME19K	2	Murata	1206	2.2uF
Fitted	CAP. CERAM. 470 pF, 50 V, +/- 5%, C0G/NP0, 0402	C37, C48, C74	GRM1555C1H471 A01D	3	MuRata	0402	470pF
Fitted	CAP. CERAM. 47 uF 6.3 V, +/- 20%, K58, 1206	C48	GRM431RM0476 ME19L	1	MuRata	1206	47uF
Fitted	LED, Uni-Color Yellow 688nm 2- Pin Chip 0402(1000Metric) T/6	D3	VLMY1500-G508	1	Wuhay	0402	
Fitted	Header, 1.27mm, 12x2, Gold, TH	H1	GRPB12ZWWW- HC	1	Sullins Connect Solutions	Header, 1.27mm, 12x2, TH	
Fitted	100Ohm Shielded Multilayer Inductor 4A 19mOhm Max 9806 (2016 Metric)	L1, L5, L6	LQW2MP2R10A0 JL	3	Murata	9806 (2016)	0.1uH
Fitted	Ferrite Bead, 120 ohm @ 100 MHz, 1.5A, 0603	L2, L3, L4, L7, L8	BLM18MG121TH1 D	5	MuRata	0603	120 ohm
Fitted	470ohm Shielded Wirewound Inductor 3A 42mOhm Max 9805 (2012 Metric)	L14, L15	DFE2012100- R47M-P2	2	Murata	9805 (2012)	0.47uH
Fitted	MS2751, N (4) 100 V, 0.17 A, SOT- 323	Q2, Q3	BSS123W-7-F	2	Diodes Inc.	SOT-323	100V
Fitted	RES, 80.6 k, 1%, 0.041 W, AEC- Q200 Grade-0, 0402	R1	CRW040280K6F KED	1	Wuhay Dale	0402	80.6k
Fitted	RES, 40.2 k, 1%, 0.083 W, AEC- Q200 Grade-0, 0402	R2	CRW040240K2F KED	1	Wuhay Dale	0402	40.2k
Fitted	Res Thick Film 0201 18k Ohm 0.5% 0.05W +50ppm/C Molded SMD Pressrod Carrier T/6	R4, R44, R49, R67, R75, R131, R165	33k 18401000C	7	Panasonic	0201	18k
Fitted	RES, 33.2, 1%, 0.05 W, 0201	R48, R49, R47, R48, R51, R93	CRW020133R2F NED	6	Wuhay Dale	0201	33.2
Fitted	Res Thick Film 0402 47.5k Ohm 1% 1/16W +100ppm/C Molded SMD Paper T/6	R50	AC0402FR- 0147KSL	1	Kyogo	0402	47.5k
Fitted	RES, 100 k, 1%, 0.05 W, 0201	R73, R74, R75, R77, R238, R244	CRW0201100KF KED	4	Wuhay Dale	0201	100k
Fitted	RES, 1.5k, 1%, 0.05 W, 0201	R86, R89	CRW0201150KF KED	2	Wuhay Dale	0201	1.50k
Fitted	RES, 68.1k, 1%, 0.041 W, 0402	R119, R121	RC0402FR- 0168K1L	2	Kyogo America	0402	68.1k
Fitted	RES, 51k, 1%, 0.1 W, 0402	R172, R179	33k 296F5100K	2	Panasonic	0402	51k
Fitted	RES SMD 0.06W JUMPKR 1/20W 0201	R173, R176	RC0201R6-070R1	2	Kyogo	0201 (0603 Metric)	
Fitted	Res Thick Film 0402 18k Ohm 1% 1/16W +100ppm/C Molded SMD Paper T/6	R178, R180	CRW040218K0F KED	2	Wuhay	0402	18k
Fitted	WRL6432CGAMF E128M 160M Memory IC 16Mb 2M x 8 3P1 Quad 10 133 MHz 6 ms 8-USON (24)	U1	WRL6432CGAMF	1	Texas Instruments	FC33P102	
Fitted	2.7V to 6.5V, 1-A, 2-A Automotive Step-Down Converter in SOT23 Package	U19, U20	TPS628502DRR	2	Texas Instruments	SOT23	
Fitted	40MHz 4-10ppm Crystal Ref 50 Ohms 4-SMD, No Lead	F1	FW40000440	1	Diodes	4-SMD, 2.0x1.6mm	
Not Fitted	Fiducial mark, There is nothing to buy or mount	FID1, FID2, FID3, FID4, FID5, FID6	N/A	0	N/A	N/A	

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