

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	Printed Circuit Board	!PCB1	TIDA-010269	1	Any
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C1	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 1 uF, 100 V, +/- 10%, X7S, 0805	C2	C2012X7S2A105K125AB	1	TDK
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C3	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C4	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C5	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C6	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C7	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C8	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C9	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C10	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C11	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 4.7 uF, 25 V, +/- 10%, X6S, 0603	C12	GRM188C81E475KE11D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 100 V, +/- 10%, X7R, 0603	C13	GRM188R72A104KA35J	1	MuRata
Fitted	CERM, 1 µF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1,	C14	GCM188R71C105KA64J	1	MuRata
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C15	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C16	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 100 V, +/- 10%, X7R, 0603	C17	GRM188R72A104KA35J	1	MuRata
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C18	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C19	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C20	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C21	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C22	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 2.2 uF, 100 V, +/- 10%, X7S, 1206	C23	C3216X7S2A225K160AB	1	TDK
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C24	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C27	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 2200 pF, 25 V, +/- 10%, X7R, 0402	C28	GRM155R71E222KA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C29	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 100 pF, 25 V, +/- 5%, C0G/NP0, 0201	C30	GRM033R71E101JA01D	1	MuRata
Fitted	CAP, CERM, 1 uF, 100 V, +/- 10%, X7S, 0805	C31	C2012X7S2A105K125AB	1	TDK
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C32	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 1 uF, 10 V, +/- 10%, X5R, 0402	C33	GRM155R61A105KE15D	1	MuRata

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C34	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C35	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C39	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C40	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C41	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C42	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C43	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 4.7 uF, 10 V, +/- 20%, X5R, 0603	C47	GRM188R61A475MAAJ	1	MuRata
Fitted	CAP, CERM, 1 uF, 16 V, +/- 10%, X6S, 0402	C50	C1005X6S1C105K050BC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C51	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C52	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C53	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C54	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C55	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C56	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C57	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C58	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C59	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C60	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C61	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C62	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C63	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C64	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C65	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C66	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C67	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C68	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C70	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C71	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C72	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C73	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	C74	GRM21BR61A476ME15L	1	MuRata

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C75	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C76	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C77	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C78	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C79	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C80	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C81	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C82	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C83	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C84	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C85	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C86	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C87	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C88	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C90	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C91	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C92	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C94	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C95	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C96	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 4.7 uF, 10 V, +/- 20%, X5R, 0603	C97	GRM188R61A475MAAJ	1	MuRata
Fitted	CAP, CERM, 10 uF, 16 V, +/- 20%, X5R, 0603	C98	GRM188R61C106MAALD	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C99	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C100	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 µF, 10 V,+/- 20%, X5R, 0805	C101	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 10 uF, 16 V, +/- 20%, X5R, 0603	C102	GRM188R61C106MAALD	1	MuRata
Fitted	CAP, CERM, 10 uF, 16 V, +/- 20%, X5R, 0603	C103	GRM188R61C106MAALD	1	MuRata
Fitted	CAP, CERM, 100 pF, 25 V, +/- 5%, COG/NP0, 0201	C104	GRM033R71E101JA01D	1	MuRata
Fitted	CAP, CERM, 10 pF, 50 V,+/- 1%, COG/NP0, 0402	C106	GRM1555C1H100FA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C107	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C108	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C109	885012206095	1	Wurth Elektronik

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	CAP, CERM, 10 uF, 16 V, +/- 20%, X5R, 0603	C110	GRM188R61C106MAALD	1	MuRata
Fitted	CAP, CERM, 0.01 uF, 16 V, +/- 10%, X7R, 0402	C111	885012205031	1	Wurth Elektronik
Fitted	CAP, CERM, 0.01 uF, 16 V, +/- 10%, X7R, 0402	C112	885012205031	1	Wurth Elektronik
Fitted	CAP, CERM, 10 uF, 16 V, +/- 20%, X5R, 0603	C113	GRM188R61C106MAALD	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C114	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 10 uF, 16 V, +/- 20%, X5R, 0603	C115	GRM188R61C106MAALD	1	MuRata
Fitted	CAP, CERM, 10 uF, 16 V, +/- 20%, X5R, 0603	C116	GRM188R61C106MAALD	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C117	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 0.01 uF, 16 V, +/- 10%, X7R, 0402	C118	885012205031	1	Wurth Elektronik
Fitted	CAP, CERM, 100 pF, 50 V, +/- 5%, COG/NP0, 0402	C119	885012005061	1	Wurth Elektronik
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X7R, 0805	C120	885012207026	1	Wurth Elektronik
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X7R, 0805	C121	885012207026	1	Wurth Elektronik
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C122	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 47 uF, 10 V, +/- 20%, X5R, 0805	C123	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.22 uF, 16 V, +/- 10%, X7R, 0603	C124	885012206048	1	Wurth Elektronik
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C125	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X6S, 0805	C126	GRM21BC81A106KE18L	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X6S, 0805	C127	GRM21BC81A106KE18L	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X6S, 0805	C128	GRM21BC81A106KE18L	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X6S, 0805	C129	GRM21BC81A106KE18L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C130	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 47 uF, 10 V, +/- 20%, X5R, 0805	C131	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V, +/- 20%, X5R, 0805	C132	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C133	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 0.047 uF, 25 V, +/- 10%, X7R, 0402	C134	GRM155R71E473KA88D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C135	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 6800 pF, 25 V, +/- 10%, X7R, 0402	C136	GRM155R71E682KA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C137	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C138	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 47 uF, 10 V, +/- 20%, X5R, 0805	C139	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V, +/- 20%, X5R, 0805	C140	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V, +/- 20%, X5R, 0805	C141	GRM21BR61A476ME15L	1	MuRata

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X6S, 0805	C142	GRM21BC81A106KE18L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C143	885012206095	1	Wurth Elektronik
Fitted	CERM, 4.7 uF, 16 V,+/- 10%, X5R, AEC-Q200 Grade 3	C144	GRT188R61C475KE13D	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X6S, 0805	C145	GRM21BC81A106KE18L	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 10%, X6S, 0805	C146	GRM21BC81A106KE18L	1	MuRata
Fitted	CAP, CERM, 0.047 uF, 25 V, +/- 10%, X7R, 0402	C147	GRM155R71E473KA88D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C148	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 1000 pF, 25 V,+/- 1%, COG/NPO, 0603	C149	C0603C102F3GACTU	1	Kemet
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C151	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C152	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C153	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C157	C0603X6S1C104K030BC	1	TDK
Fitted	CAP, CERM, 4.7 uF, 10 V, +/- 20%, X5R, 0603	C169	GRM188R61A475MAAJ	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C171	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 1 uF, 16 V, +/- 10%, X7R, 0603	C172	885012206052	1	Wurth Elektronik
Fitted	CAP, CERM, 10 uF, 10 V, +/- 20%, X5R, 0603	C173	C1608X5R1A106M080AC	1	TDK
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C174	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C175	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C176	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C177	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C178	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C179	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C180	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 20%, X5R, 0603	C181	C1608X5R1A106M080AC	1	TDK
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C182	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C183	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 4.7 uF, 10 V, +/- 20%, X5R, 0603	C184	GRM188R61A475MAAJ	1	MuRata
Fitted	CAP, CERM, 470 pF, 25 V, +/- 5%, COG/NPO, 0402	C185	GRM1555C1E471JA01D	1	MuRata
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C186	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C187	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C189	885012206095	1	Wurth Elektronik
Fitted	CAP, CERM, 10 uF, 10 V, +/- 20%, X5R, 0603	C190	C1608X5R1A106M080AC	1	TDK

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C191	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C192	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C193	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C194	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C195	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 47 uF, 10 V,+/- 20%, X5R, 0805	C196	GRM21BR61A476ME15L	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C197	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	C198	GRM155R71H272KA01D	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 20%, X5R, 0603	C199	C1608X5R1A106M080AC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C200	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 1 uF, 16 V, +/- 10%, X7R, 0603	C201	885012206052	1	Würth Elektronik
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C202	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 10 uF, 10 V, +/- 20%, X5R, 0603	C203	C1608X5R1A106M080AC	1	TDK
Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C204	885012206095	1	Würth Elektronik
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C205	GRM155R61E104KA87D	1	MuRata
Fitted	CAP, CERM, 1800 pF, 50 V, +/- 10%, X7R, 0402	C206	GRM155R71H182KA01D	1	MuRata
Fitted	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	C207	GRM155R61E104KA87D	1	MuRata
Fitted	Diode, Schottky, 150 V, 1 A, SMA	D1	STPS1150A	1	STMicroelectronics
Fitted	Diode, Schottky, 150 V, 1 A, SMA	D2	STPS1150A	1	STMicroelectronics
Fitted	LED, Green, SMD	D3	LTST-C193KGKT-5A	1	Lite-On
Fitted	LED, Red, SMD	D4	HSMC-C191	1	Avago
Fitted	LED, Red, SMD	D5	HSMC-C191	1	Avago
Fitted	LED, Red, SMD	D6	HSMC-C191	1	Avago
Fitted	LED, Red, SMD	D7	HSMC-C191	1	Avago
Fitted	Diode, Switching, 75 V, 0.3 A, SOD-523	D8	1N4148X-TP	1	Micro Commercial Components
Fitted	Diode, Switching, 75 V, 0.3 A, SOD-523	D9	1N4148X-TP	1	Micro Commercial Components
Fitted	LED, Amber, SMD	D10	HSMA-C190	1	Avago
Fitted	1-Ch 30kV ESD Protection Diode	D11	ESD351DPYR	1	Texas Instruments
Fitted	1-Ch 30kV ESD Protection Diode	D12	ESD351DPYR	1	Texas Instruments
Fitted	LED, Green, SMD	D13	SML-P12PTT86	1	Rohm
Fitted	LED, Red, SMD	D14	HSMC-C191	1	Avago
Fitted	LED, Red, SMD	D15	HSMC-C191	1	Avago

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	LED, Red, SMD	D16	HSMC-C191	1	Avago
Fitted	LED, Red, SMD	D17	HSMC-C191	1	Avago
Fitted	Receptacle, 2.54mm, 3x1, Gold, TH	J2	801-41-003-10-001000	1	Mill-Max
Fitted	Inductor, Shielded, Ferrite, 100 µH, 1.2 A, SMD	L1	74404084101	1	Würth Elektronik
Fitted	Inductor, Shielded, 3.3 uH, 0.26 A, SMD	L2	74479776233	1	Würth Elektronik
Fitted	Inductor, Shielded, 1mH, 0.08 A, 5.4 ohm, SMD	L3	744043102	1	Würth Elektronik
Fitted	Ferrite Bead, 2500 ohm @ 100 MHz, 0.15 A, 0603	L4	BLM18BD252SN1D	1	MuRata
Fitted	Inductor, Shielded, 1mH, 0.08 A, 5.4 ohm, SMD	L5	744043102	1	Würth Elektronik
Fitted	Ferrite Bead, 2500 ohm @ 100 MHz, 0.15 A, 0603	L6	BLM18BD252SN1D	1	MuRata
Fitted	Inductor, Shielded, 3.3 uH, 0.26 A, 0.13 ohm, SMD	L7	74479776233	1	Würth Elektronik
Fitted	Ferrite Bead, 1500 ohm @ 100 MHz, 0.5 A, 0603	L8	BLM18HE152SN1D	1	MuRata
Fitted	Ferrite Bead, 1500 ohm @ 100 MHz, 0.5 A, 0603	L9	BLM18HE152SN1D	1	MuRata
Fitted	Inductor, Shielded, 33 uH, 0.75 A, 0.155 ohm, SMD	L10	744053330	1	Würth Elektronik
Fitted	Ferrite Bead, 220 ohm @ 100 MHz, 2.5 A, 0603	L11	BLM18SG221TN1D	1	MuRata
Fitted	Inductor, Shielded, 33 uH, 0.75 A, 0.155 ohm, SMD	L12	744053330	1	Würth Elektronik
Fitted	Ferrite Bead, 220 ohm @ 100 MHz, 2.5 A, 0603	L13	BLM18SG221TN1D	1	MuRata
Fitted	Inductor, Shielded, Ferrite, 6.8 µH, 2.3 A, SMD	L14	NRS5030T6R8MMGJV	1	Taiyo Yuden
Fitted	Ferrite Bead, 120 ohm @ 100 MHz, 3 A, 0603	L15	BLM18SG121TN1D	1	MuRata
Fitted	Inductor, Shielded, 15 uH, 1.9 A, 0.265 ohm, SMD	L16	IHLP2020CZER150M01	1	Vishay-Dale
Fitted	Ferrite Bead, 2500 ohm @ 100 MHz, 0.15 A, 0603	L17	BLM18BD252SN1D	1	MuRata
Fitted	Ferrite Bead, 2500 ohm @ 100 MHz, 0.15 A, 0603	L18	BLM18BD252SN1D	1	MuRata
Fitted	Inductor, Shielded, Ferrite, 2.2 uH, 2.62 A, SMD	L19	VLCF5020T-2R2N2R6-3	1	TDK
Fitted	Ferrite Bead, 30 ohm @ 100 MHz, 3 A, 0603	L20	742792609	1	Würth Elektronik
Fitted	Ferrite Bead, 30 ohm @ 100 MHz, 3 A, 0603	L21	742792609	1	Würth Elektronik
Fitted	Ferrite Bead, 30 ohm @ 100 MHz, 3 A, 0603	L22	742792609	1	Würth Elektronik
Fitted	Inductor, Shielded, Ferrite, 2.2 uH, 1.72 A, SMD	L23	VLCF4020T-2R2N1R7	1	TDK
Fitted	Ferrite Bead, 220 ohm @ 100 MHz, 2.5 A, 0603	L25	BLM18SG221TN1D	1	MuRata
Fitted	Inductor, Shielded, 2.2 uH, 2.7 A, SMD	L26	744062002	1	Würth Elektronik
Fitted	Ferrite Bead, 220 ohm @ 100 MHz, 2.5 A, 0603	L27	BLM18SG221TN1D	1	MuRata
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP1	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP2	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP3	6508128-030	1	Texas Instruments

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP4	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP5	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP6	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP7	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP8	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP9	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP10	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP11	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP12	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP13	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP14	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP15	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP16	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP17	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP18	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP19	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP20	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP21	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP22	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP23	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP24	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP25	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP26	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP27	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP28	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP29	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP30	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP31	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP32	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP33	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP34	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP35	6508128-030	1	Texas Instruments

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP36	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP37	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP38	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP39	6508128-030	1	Texas Instruments
Fitted	SHIELD (T0.3) CAN CLIP L6.50*W0.8*H1.28mm	MP40	6508128-030	1	Texas Instruments
Fitted	Receptacle, 0.5mm, 40x2, Gold, SMD	P1	AXK5S80347YG	1	Panasonic
Fitted	Receptacle, 0.5mm, 40x2, Gold, SMD	P2	AXK5S80347YG	1	Panasonic
Fitted	Transistor, NPN, 150 V, 1 A, AEC-Q101, SOT-23	Q1	FMMT495TA	1	Diodes Inc.
Fitted	Transistor, PNP, 200 V, 0.3 A, SOT-23	Q2	FMMT596TA	1	Diodes Inc.
Fitted	MOSFET, N-CH, 20 V, 0.5 A, YJM0003A (PICOSTAR-3)	Q3	CSD15380F3	1	Texas Instruments
Fitted	RES, 10.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R1	RK73H1ETTP1002F	1	KOA Speer
Fitted	RES, 0, 5%, 0.125 W, 0805	R2	RC0805JR-070RL	1	Yageo America
Fitted	RES, 68.1 k, 1%, 0.1 W, 0603	R4	RC0603FR-0768K1L	1	Yageo
Fitted	RES, 53.6 k, 1%, 0.05 W, 0201	R5	RC0201FR-0753K6L	1	Yageo America
Fitted	RES, 100 k, 1%, 0.1 W, 0603	R6	ERJ-3EKF1003V	1	Panasonic
Fitted	RES, 59.0 k, 1%, 0.1 W, 0603	R7	RC0603FR-0759KL	1	Yageo
Fitted	RES, 523, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R10	CRCW0402523RFKED	1	Vishay-Dale
Fitted	RES, 3.83 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R11	CRCW04023K83FKED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R12	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 162 k, 1%, 0.1 W, 0603	R13	RC0603FR-07162KL	1	Yageo
Fitted	RES, 100 k, 1%, 0.1 W, 0603	R14	ERJ-3EKF1003V	1	Panasonic
Fitted	RES, 61.9 k, 1%, 0.05 W, 0201	R15	RC0201FR-0761K9L	1	Yageo America
Fitted	RES, 0, 5%, 0.05 W, 0201	R16	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 37.4 k, 1%, 0.05 W, 0201	R17	RC0201FR-0737K4L	1	Yageo America
Fitted	RES, 86.6 k, 1%, 0.05 W, 0201	R18	RC0201FR-0786K6L	1	Yageo America
Fitted	RES, 11.3 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R19	CRCW040211K3FKED	1	Vishay-Dale
Fitted	RES, 162 k, 1%, 0.1 W, 0603	R20	RC0603FR-07162KL	1	Yageo
Fitted	RES, 1.00 k, 1%, 0.05 W, 0201	R21	RC0201FR-7D1KL	1	Yageo America
Fitted	RES, 10.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R23	RK73H1ETTP1002F	1	KOA Speer
Fitted	RES, 0, 5%, 0.05 W, 0201	R24	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R25	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R26	RC0603F103CS	1	Samsung Electro-Mechanics

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R27	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 0.02, 1%, 0.5 W, 0805	R28	WSLP0805R0200FEB	1	Vishay-Dale
Fitted	RES, 10.0, 1%, 0.05 W, 0201	R30	RC0201FR-7D10RL	1	Yageo America
Fitted	RES, 10.0, 1%, 0.05 W, 0201	R31	RC0201FR-7D10RL	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R32	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R33	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 0, 5%, 0.05 W, 0201	R37	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R38	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R39	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 0, 5%, 0.05 W, 0201	R41	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R42	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R43	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R44	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R45	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R46	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R47	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 0, 5%, 0.05 W, 0201	R48	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R50	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 0, 5%, 0.05 W, 0201	R51	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R53	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 0, 5%, 0.05 W, 0201	R54	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R55	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R56	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R57	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R58	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 18.0, 1%, 0.05 W, 0201	R59	RC0201FR-0718RL	1	Yageo America
Fitted	RES, 0, 5%, 0.05 W, 0201	R60	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R61	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 84.5 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R62	CRCW040284K5FKED	1	Vishay-Dale
Fitted	RES, 84.5 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R63	CRCW040284K5FKED	1	Vishay-Dale
Fitted	RES, 523, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R64	CRCW0402523RFKED	1	Vishay-Dale
Fitted	RES, 0.02, 1%, 0.5 W, 0805	R66	WSLP0805R0200FEB	1	Vishay-Dale

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	RES, 0, 5%, 0.125 W, 0805	R67	RC0805JR-070RL	1	Yageo America
Fitted	RES, 21.5 k, 1%, 0.05 W, 0201	R68	RC0201FR-0721K5L	1	Yageo America
Fitted	RES, 10.0, 1%, 0.05 W, 0201	R70	RC0201FR-7D10RL	1	Yageo America
Fitted	RES, 10.0, 1%, 0.05 W, 0201	R71	RC0201FR-7D10RL	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R72	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R73	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R74	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 383 k, 1%, 0.05 W, 0201	R75	RC0201FR-07383KL	1	Yageo America
Fitted	RES SMD 330 OHM 1% 1/10W 0402	R76	ERJ-2RKF3300X	1	Panasonic Electronic Components
Fitted	RES, 523, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R77	CRCW0402523RFKED	1	Vishay-Dale
Fitted	RES, 523, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R78	CRCW0402523RFKED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.125 W, 0805	R81	RC0805JR-070RL	1	Yageo America
Fitted	RES, 0, 5%, 0.125 W, 0805	R82	RC0805JR-070RL	1	Yageo America
Fitted	RES, 12.4 k, 1%, 0.05 W, 0201	R83	RC0201FR-0712K4L	1	Yageo America
Fitted	RES, 2.49 k, 1%, 0.05 W, 0201	R84	RC0201FR-7D2K49L	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R85	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 383 k, 1%, 0.05 W, 0201	R86	RC0201FR-07383KL	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R87	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 383 k, 1%, 0.05 W, 0201	R88	RC0201FR-07383KL	1	Yageo America
Fitted	RES SMD 330 OHM 1% 1/10W 0402	R89	ERJ-2RKF3300X	1	Panasonic Electronic Components
Fitted	RES SMD 330 OHM 1% 1/10W 0402	R90	ERJ-2RKF3300X	1	Panasonic Electronic Components
Fitted	RES, 0, 5%, 0.125 W, 0805	R91	RC0805JR-070RL	1	Yageo America
Fitted	RES, 0, 5%, 0.1 W, 0603	R93	RC0603JR-070RL	1	Yageo
Fitted	RES, 0, 5%, 0.05 W, 0201	R94	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 301 k, 1%, 0.05 W, 0201	R95	RC0201FS-7D301KL	1	Yageo America
Fitted	RES, 475 k, 1%, 0.05 W, 0201	R96	RC0201FR-07475KL	1	Yageo America
Fitted	RES, 374 k, 1%, 0.05 W, 0201	R97	RC0201FR-07374KL	1	Yageo America
Fitted	RES, 86.6 k, 1%, 0.05 W, 0201	R98	RC0201FR-0786K6L	1	Yageo America
Fitted	RES, 1.80 k, 1%, 0.05 W, 0201	R99	RC0201FR-071K8L	1	Yageo America
Fitted	RES, 10.0 k, 1%, 0.05 W, 0201	R100	RC0201FR-7D10KL	1	Yageo America
Fitted	RES, 32.4 k, 1%, 0.05 W, 0201	R101	RC0201FR-0732K4L	1	Yageo America
Fitted	RES, 42.2 k, 1%, 0.05 W, 0201	R102	RC0201FR-0742K2L	1	Yageo America

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	RES, 10.0 k, 1%, 0.05 W, 0201	R103	RC0201FR-7D10KL	1	Yageo America
Fitted	RES, 0, 5%, 0.1 W, 0603	R105	RC0603JR-070RL	1	Yageo
Fitted	RES, 110 k, 5%, 0.063 W, 0402	R107	CRCW0402110KJNED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R108	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 26.1 k, 1%, 0.05 W, 0201	R109	RC0201FR-0726K1L	1	Yageo America
Fitted	RES, 1.00 k, 1%, 0.0625 W, 0402	R112	RC0402FR-071KL	1	Yageo America
Fitted	RES, 0, 5%, 0.1 W, 0603	R113	RC0603JR-070RL	1	Yageo
Fitted	RES, 0.02, 1%, 0.5 W, 0805	R116	WSLP0805R0200FEB	1	Vishay-Dale
Fitted	RES, 475, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R118	CRCW0402475RFKED	1	Vishay-Dale
Fitted	RES, 35.7 k, 1%, 0.05 W, 0201	R121	RC0201FR-0735K7L	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R122	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R123	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R124	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R125	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 4.70 k, 1%, 0.05 W, 0201	R126	RC0201FR-7D4K7L	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R127	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 127 k, 1%, 0.05 W, 0201	R128	RC0201FR-07127KL	1	Yageo America
Fitted	RES, 549, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R129	CRCW0402549RFKED	1	Vishay-Dale
Fitted	RES, 100 k, 1%, 0.05 W, 0201	R130	RC0201FR-7D100KL	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R131	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 0, 5%, 0.05 W, 0201	R132	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 475, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R133	CRCW0402475RFKED	1	Vishay-Dale
Fitted	RES, 100, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	R134	CRCW0402100RJNED	1	Vishay-Dale
Fitted	RES, 100, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	R135	CRCW0402100RJNED	1	Vishay-Dale
Fitted	RES, 5.23 k, 1%, 0.05 W, 0201	R136	RC0201FR-075K23L	1	Yageo America
Fitted	RES, 30.1 k, 1%, 0.05 W, 0201	R137	RC0201FR-0730K1L	1	Yageo America
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R138	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R139	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R140	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R141	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R142	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R143	RC0603F103CS	1	Samsung Electro-Mechanics

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R144	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 10.0, 1%, 0.05 W, 0201	R145	RC0201FR-7D10RL	1	Yageo America
Fitted	RES, 10.0, 1%, 0.05 W, 0201	R146	RC0201FR-7D10RL	1	Yageo America
Fitted	RES, 0, 5%, 0.05 W, 0201	R147	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R148	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R149	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 1.00 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R151	CRCW04021K00FKED	1	Vishay-Dale
Fitted	RES, 523, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R160	CRCW0402523RFKED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R162	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.125 W, 0805	R163	RC0805JR-070RL	1	Yageo America
Fitted	RES, 1.00 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R164	CRCW04021K00FKED	1	Vishay-Dale
Fitted	RES, 17.8 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R165	CRCW040217K8FKED	1	Vishay-Dale
Fitted	RES, 84.5 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R167	CRCW040284K5FKED	1	Vishay-Dale
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R168	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 383 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R169	CRCW0402383KFKED	1	Vishay-Dale
Fitted	RES, 12.7 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R170	CRCW040212K7FKED	1	Vishay-Dale
Fitted	RES SMD 330 OHM 1% 1/10W 0402	R171	ERJ-2RKF3300X	1	Panasonic Electronic Components
Fitted	RES, 523, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R172	CRCW0402523RFKED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R174	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.125 W, 0805	R175	RC0805JR-070RL	1	Yageo America
Fitted	RES, 2.74 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R176	CRCW04022K74FKED	1	Vishay-Dale
Fitted	RES, 7.50 k, 1%, 0.05 W, 0201	R177	RC0201FR-077K5L	1	Yageo America
Fitted	RES, 2.21 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R179	CRCW04022K21FKED	1	Vishay-Dale
Fitted	RES SMD 10K OHM 1% 1/20W 0201	R180	RC0603F103CS	1	Samsung Electro-Mechanics
Fitted	RES, 383 k, 1%, 0.05 W, 0201	R181	RC0201FR-07383KL	1	Yageo America
Fitted	RES, 4.99 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R182	CRCW04024K99FKED	1	Vishay-Dale
Fitted	RES, 150, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	R183	ERJ-2RKF2200X	1	Panasonic Electronic Components
Fitted	RES, 12.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R185	CRCW040212K0FKED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R186	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R187	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R189	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R190	CRCW02010000Z0ED	1	Vishay-Dale

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Fitted	RES, 0, 5%, 0.05 W, 0201	R191	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R192	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	RES, 0, 5%, 0.05 W, 0201	R193	CRCW02010000Z0ED	1	Vishay-Dale
Fitted	0 Ohms Jumper 0.5W, Chip Resistor 0805	R194	HCJ0805ZTOR00	1	Stackpole
Fitted	Switch, SPST, Off-Mom, 0.05 A, 12 VDC, SMD	S1	434153017835	1	Würth Elektronik
Fitted	2.2MHz VIN 85-V Boost/SePIC/Flyback Converter	U1	LM5158RTER	1	Texas Instruments
Fitted	10Bit Voltage-Output DAC With Nonvolatile Memory	U2	DAC53401DSGR	1	Texas Instruments
Fitted	28V, Bi-Directional, Current/Power Monitor	U3	INA231AIYFFR	1	Texas Instruments
Fitted	Programmable 4-PLL VCXO Clock Synthesizer	U5	CDCE949PWR	1	Texas Instruments
Fitted	Single 3-Input Positive-AND Gate,	U6	SN74LVC1G11DRYR	1	Texas Instruments
Fitted	Single 3-Input Positive-AND Gate,	U7	SN74LVC1G11DRYR	1	Texas Instruments
Fitted	Single 3-Input Positive-AND Gate,	U8	SN74LVC1G11DRYR	1	Texas Instruments
Fitted	Power Sequencer, 6-pin SOT-23, 1000 Reel	U9	LM3880MF-1AA	1	Texas Instruments
Fitted	.95V~6V Input, 2A Synchronous Step-Down Converter	U11	TPS54218RTER	1	Texas Instruments
Fitted	28V, Bi-Directional, Current/Power Monitor	U12	INA231AIYFFR	1	Texas Instruments
Fitted	.95V~6V Input, 2A Synchronous Step-Down Converter	U13	TPS54218RTER	1	Texas Instruments
Fitted	.95V~6V Input, 2A Synchronous Step-Down Converter	U14	TPS54218RTER	1	Texas Instruments
Fitted	0 Vout Fully Integration Synchronous Boost Converter	U15	TPS61178RNWR	1	Texas Instruments
Fitted	Dual, 150mA, Positive and Negative Voltage Regulator	U16	TPS7A3901DSCR	1	Texas Instruments
Fitted	36-V 1A Step-Down DC-DC Nano Module	U17	pt	1	Texas Instruments
Fitted	BQ25790, PREYBG0056 (DSBGA-56)	U18	BQ25790YBG	1	Texas Instruments
Fitted	23V, 6A, 24.5mΩ Reverse Current Blocking eFuse	U19	TPS259470ARPW	1	Texas Instruments
Fitted	Single Positive-Edge-Triggered D-Type Flip-Flop	U20		1	Texas Instruments
Fitted	Single Channel Push Button Controller	U21	TPS3422EGDRYR	1	Texas Instruments
Fitted	28V, Bi-Directional, Current/Power Monitor	U23	INA231AIYFFR	1	Texas Instruments
Fitted	.95V~6V Input, 2A Synchronous Step-Down Converter	U25	TPS54218RTER	1	Texas Instruments
Fitted	2A, Ultra-low Noise, PSRR, RF Voltage Regulator	U26	TPS7A9601DSCR	1	Texas Instruments
Fitted	.95V~6V Input, 3A Synchronous Step-Down Converter	U27	TPS54318RTER	1	Texas Instruments
Fitted	Single 3A Output LDO	U28	TPS74401RGWR	1	Texas Instruments
Not Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C25	885012206095	0	Würth Elektronik
Not Fitted	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X6S, 0201	C26	C0603X6S1C104K030BC	0	TDK
Not Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C150	885012206095	0	Würth Elektronik

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer
Not Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C154	885012206095	0	Wurth Elektronik
Not Fitted	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	C155	885012206095	0	Wurth Elektronik
Not Fitted	Ferrite Bead, 30 ohm @ 100 MHz, 3 A, 0603	L24	742792609	0	Wurth Elektronik
Not Fitted	Ferrite Bead, 30 ohm @ 100 MHz, 3 A, 0603	L28	742792609	0	Wurth Elektronik
Not Fitted	Ferrite Bead, 30 ohm @ 100 MHz, 3 A, 0603	L29	742792609	0	Wurth Elektronik
Not Fitted	RES, 0, 5%, 0.125 W, 0805	R3	RC0805JR-070RL	0	Yageo America
Not Fitted	RES, 1.00 k, 1%, 0.05 W, 0201	R8	RC0201FR-7D1KL	0	Yageo America
Not Fitted	RES, 84.5 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R9	CRCW040284K5FKED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R40	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R49	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R92	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.1 W, 0603	R104	RC0603JR-070RL	0	Yageo
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R106	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R110	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R111	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.125 W, 0805	R117	RC0805JR-070RL	0	Yageo America
Not Fitted	RES, 0, 5%, 0.1 W, 0603	R150	RC0603JR-070RL	0	Yageo
Not Fitted	RES, 0, 5%, 0.1 W, 0603	R152	RC0603JR-070RL	0	Yageo
Not Fitted	RES, 0, 5%, 0.125 W, 0805	R153	RC0805JR-070RL	0	Yageo America
Not Fitted	RES, 0, 5%, 0.125 W, 0805	R154	RC0805JR-070RL	0	Yageo America
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R161	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES, 2.49 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	R166	CRCW04022K49FKED	0	Vishay-Dale
Not Fitted	RES, 0, 5%, 0.05 W, 0201	R173	CRCW02010000Z0ED	0	Vishay-Dale
Not Fitted	RES SMD 10K OHM 1% 1/20W 0201	R184	RC0603F103CS	0	Samsung Electro-Mechanics
Not Fitted	RES, 0, 5%, 0.1 W, 0603	R195	RC0603JR-070RL	0	Yageo

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