

Bill of materials

## Table 1. Bill of materials

8     1     J2 Fitted     CONN, Jack, 22 pos, FFC and FPC, 0.5mm, bottom contact     Hirose     FH12-22S-0.5SH(55)       9     1     J1 Fitted     SMT/THROUGH-HOLE HEADER 5pts 1.27mm     Samtec     TFM-105-01-L-S-RA       10     1     U1 Fitted     VD56G3 Sensor - PLCC package - Fast Boot     ST Microelectronics     VD56G3 -PLCC28 FB       11     1     L1 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VLS252010HBX-RSM-124       12     1     U5 Fitted     Single supply translating transceiver; 3-state, 1.2V-5.5V, XSON6     TDK     VLS252010HBX-RSM-144       13     1     U4 Fitted     LDO Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       14     1     U3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal     Alaud Optical     AB02816MG       16     1     MP4 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal     Alaud Optical     AB02816MG       17     1     H1 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal     Alaud Optical	Item	Qty	Reference	Description	Manufacturer	Order code
3	1	0	J3 Not Fitted	CONN, HEADER, 3POS, SNGL, 2.54MM, T/H	Harwin	M20-9990345
1	2	0	TP1, TP4 Not Fitted	CONN, HEADER, 1POS, 2.54MM, T/H	Samtec	TSW-101-26-T-S
5     0     R5, R6 Noti Fitted     RES 2.7KCHM 196 1/16/W 0402     Yageo     RC0402FR-072K7L       6     1     C21 Fitted     CAP, CER, 110, 10V, X5R, 0402     Talyo Yuden     LMK105BJ105KV-F       7     1     C6 Fitted     CAP, CER, 100nF, 20%, 16V, X7R, 0201     Murata     GRM03271C104ME14       8     1     J2 Fitted     CONN, Jack, 22 pos, FFC and FPC, 0.5mm, bottom contact     Hirose     FH12-22S-0.5SH(55)       9     1     J1 Fitted     SMT/THROUGH-HOLE HEADER 5pts 1.27mm     Samtec     TFM-105-01-L-S-RA       10     1     U1 Fitted     VD5663 Sensor - PLCC package - Fast Boot     TMicroelectronics     VD5663 PLCC28 - FR       11     1     L1 Fitted     FIXED IND, 3.34H, 19A, 178 mOHM, 1008     TDK     VLS252010HBX-3R3M-       12     1     U5 Fitted     Single supply translating transceiver; 3-state, 1.24 for supply translating transceiver; 3-state, 1.25 for supply translating transceiver; 3-state, 1.	3	0	R11 Not Fitted	RES, 0R, Jumper, 1/10W, 0603	Panasonic	ERJ-3GEY0R00V
6     1     C21 Fitted     CAP, CER, 1uF, 10V, X5R, 0402     Talyo Yuden     LMK105BJ105KV-F       7     1     C6 Fitted     CAP, CER, 10nF, 20%, 16V, X7R, 0201     Murata     GRM033Z71C104ME14       8     1     J2 Fitted     CONN, Jack, 22 pos, FFC and FPC, 0.5mm, bottom contact     Hirose     FH12-22S-0.5SH(55)       9     1     J1 Fitted     SMT7HROUGH-HOLE HEADER 5pts 1.27mm     Samtec     TFM-105-01-L-S-RA       10     1     U1 Fitted     VD56G3 Sensor - PLCC package - Fast Boot     ST Microelectronics     VD56G3_PLCC28_FB       11     1     L1 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VL5262010HBX-3R3M-12       12     1     U5 Fitted     Single supply translating transceiver; 3-state, 12V-5.5V, XSON6     Nexperia     74LVC1T45GF       13     1     U4 Fitted     LDO Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       14     1     U3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     LB SCARAGING Specifications.pdf*     N/A     N/A       <	4	0	R9, R10, R15 Not Fitted	RES, 0R, JUMPER, 1/16W, 0402	Yageo	RC0402JR-070RL
7     1     C6 Fitted     CAP, CER, 100nF, 20%, 18V, X7R, 0201     Murata     GRM033271C104ME14       8     1     J2 Fitted     CONN, Jack, 22 pos, FFC and FPC, 0.5mm, bottom contact     Hirose     FH12-22S-0.5SH(55)       9     1     J1 Fitted     SMT/THROUGH-HOLE HEADER 5pts 1.27mm     Samtec     TFM-105-01-L-S-RA       10     1     U1 Fitted     VD56G3 Sensor P-LCC package - Fast Boot     ST Microelectronics     VD566G3 PLC26B FB       11     1     L1 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VLS252010HBX-3R3M-       12     1     U5 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VLS252010HBX-3R3M-       12     1     U5 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VLS252010HBX-3R3M-       12     1     U5 Fitted     LDO Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       14     1     U3 Fitted     LDO Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal     Alaud Optical     AB02816MG	5	0	R5, R6 Not Fitted	RES 2.7KOHM 1% 1/16W 0402	Yageo	RC0402FR-072K7L
8     1     J2 Fitted     CONN, Jack, 22 pos, FFC and FPC, 0.5mm, bottom contact     Hirose     FH12-22S-0.5SH(55)       9     1     J1 Fitted     SMT/THROUGH-HOLE HEADER 5pts 1.27mm     Samtec     TFM-105-01-L-S-RA       10     1     U1 Fitted     VD56G3 Sensor - PLCC package - Fast Boot     ST Microelectronics     VD56G3 PLCC28 FB       11     1     L1 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VLS252010HBX-3R3M-102       12     1     U5 Fitted     Single supply translating transceiver, 3-state, 1.2V-5.6V, XSON6     Nexperia     74LVC1745GF       13     1     U4 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J18R       14     1     U3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J18R       15     1     MP3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J18R       16     1     MP4 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal     Alaud Optical     AB02816MG       17     1     H1 Fitted     Lens holder M12 15mm     Focusale     FS-BLH040 </td <td>6</td> <td>1</td> <td>C21 Fitted</td> <td>CAP, CER, 1uF, 10V, X5R, 0402</td> <td>Taiyo Yuden</td> <td>LMK105BJ105KV-F</td>	6	1	C21 Fitted	CAP, CER, 1uF, 10V, X5R, 0402	Taiyo Yuden	LMK105BJ105KV-F
8     1     J2 Fitted     bottom contact     Hirisse     FH16225-0.SFI(3)       9     1     J1 Fitted     SMT/THROUGH-HOLE HEADER 5pts 1.27mm     Samtec     TFM-105-01-L-S-RA       10     1     U1 Fitted     VD56G3 Sensor - PLCC package - Fast Boot     ST Microelectronics     VD56G3 PLCC28_FB       11     1     L1 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VLS252010HBX-3R3M-       12     1     U5 Fitted     Single supply translating transceiver; 3-state, 1.2V-5.5V, ASON6     Nexperia     74LVC11745GF       13     1     U4 Fitted     LDO Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       14     1     U3 Fitted     LD0 Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       15     1     MP3 Fitted     LD Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       16     1     MP4 Fitted     LD Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       15     1     MP3 Fitted     LD Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     MA	7	1	C6 Fitted	CAP, CER, 100nF, 20%, 16V, X7R, 0201	Murata	GRM033Z71C104ME14D
10     1     U1 Fitted     VD56G3 Sensor - PLCC package - Fast Boot     ST Microelectronics     VD56G3_PLCC28_FB       11     1     L1 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VL5252010HBX-3R3M-100       12     1     U5 Fitted     Single supply translating transceiver; 3-state, 1.2V-5.5V, XSON6     Nexperia     74LVC1T45GF       13     1     U4 Fitted     LDO Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       14     1     U3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal     Alaud Optical     AB02816MG       16     1     MP4 Fitted     Lens holder M12 15mm     Focusafe     FS-BLH040       18     1     CAB1 Fitted     Lens holder M12 15mm     Focusafe     FS-BLH040       19     1     U2 Fitted     400 mA nano-quiescent synchronous step-down converter with digit     STMicroelectronics     ST1PS01BJR <td>8</td> <td>1</td> <td>J2 Fitted</td> <td></td> <td>Hirose</td> <td>FH12-22S-0.5SH(55)</td>	8	1	J2 Fitted		Hirose	FH12-22S-0.5SH(55)
11     1     L1 Fitted     FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008     TDK     VLS252010HBX-3R3M-12       12     1     U5 Fitted     Single supply translating transceiver; 3-state, 1.2V-5.5V, XSON6     Nexperia     74LVC1T45GF       13     1     U4 Fitted     LDO Voltage Regulator 150mA, Fixed 1V8     STMicroelectronics     LD39115J18R       14     1     U3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     LD39115J28R     N/A     N/A       16     1     MP4 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal 2.8mm M12     Alaud Optical AB02816MG     AB02816MG       17     1     H1 Fitted     Lens holder M12 15mm Focusafe FS-BLH040     FS-BLH040       18     1     CAB1 Fitted     LEns holder M12 15mm Focusafe FS-BLH040     Wurth Electronics Sided Contacts, 100 mm, 400 mm, 4	9	1	J1 Fitted	SMT/THROUGH-HOLE HEADER 5pts 1.27mm	Samtec	TFM-105-01-L-S-RA
12	10	1	U1 Fitted	VD56G3 Sensor - PLCC package - Fast Boot	ST Microelectronics	VD56G3_PLCC28_FB
12   1	11	1	L1 Fitted		TDK	VLS252010HBX-3R3M-1
14     1     U3 Fitted     LDO Voltage Regulator 150mA, Fixed 2V8     STMicroelectronics     LD39115J28R       15     1     MP3 Fitted     22 * 3.5mm Adhesive label for serialising as per "Labelling and Packaging Specifications.pdf"     N/A     N/A       16     1     MP4 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal 2.8mm M12     Alaud Optical AB02816MG       17     1     H1 Fitted     Lens holder M12 15mm     Focusafe     FS-BLH040       18     1     CAB1 Fitted     FFC / FPC Cable, 22 pin, 0.5 mm, opposite Sided Contacts, 100 mm,     Wurth Electronics     687722050002       19     1     U2 Fitted     400 mA nano-quiescent synchronous stepdown converter with digit     STMicroelectronics     ST1PS01BJR       20     1     R4 Fitted     RES, 0R, Jumper, 1/10W, 0603     Panasonic     ERJ-3GEY0R00V       21     1     R13 Fitted     RES, 100k, 1%, 1/16W, 0402     Yageo     RC0402JR-070RL       22     1     R1 Fitted     RES, 100k, 1%, 1/16W, 0402     Yageo     RT0402FRE07100KL       23     1     D1 Fitted     Schottky diode If=1A, Vr=23V, Packager SOD-323     ST Microelectronics     BAT20JFILM <td>12</td> <td>1</td> <td>U5 Fitted</td> <td>Single supply translating transceiver; 3-state, 1.2V-5.5V, XSON6</td> <td>Nexperia</td> <td>74LVC1T45GF</td>	12	1	U5 Fitted	Single supply translating transceiver; 3-state, 1.2V-5.5V, XSON6	Nexperia	74LVC1T45GF
15     1     MP3 Fitted     22 * 3.5mm Adhesive label for serialising as per "Labelling and Packaging Specifications.pdf"     N/A     N/A       16     1     MP4 Fitted     Lens clear F# 1.6 Sensing Area 1/27" Focal 2.8mm M12     Alaud Optical     AB02816MG       17     1     H1 Fitted     Lens holder M12 15mm     Focusafe     FS-BLH040       18     1     CAB1 Fitted     EFC / FPC Cable, 22 pin, 0.5 mm, opposite Sided Contacts, 100 mm, opposi	13	1	U4 Fitted	LDO Voltage Regulator 150mA, Fixed 1V8	STMicroelectronics	LD39115J18R
15	14	1	U3 Fitted	LDO Voltage Regulator 150mA, Fixed 2V8	STMicroelectronics	LD39115J28R
16     In MP4 Fitted     2.8mm M12     Alaud Optical     AB02816MG       17     1     H1 Fitted     Lens holder M12 15mm     Focusafe     FS-BLH040       18     1     CAB1 Fitted     FFC / FPC Cable, 22 pin, 0.5 mm, opposite Sided Contacts, 100 mm, opposit	15	1	MP3 Fitted		N/A	N/A
18     1     CAB1 Fitted     FFC / FPC Cable, 22 pin, 0.5 mm, opposite Sided Contacts, 100 mm,     Wurth Electronics     687722050002       19     1     U2 Fitted     400 mA nano-quiescent synchronous stepdown converter with digit     STMicroelectronics     ST1PS01BJR       20     1     R4 Fitted     RES, 0R, Jumper, 1/10W, 0603     Panasonic     ERJ-3GEY0R00V       21     1     R13 Fitted     RES, 0R, JUMPER, 1/16W, 0402     Yageo     RC0402JR-070RL       22     1     R1 Fitted     RES, 100k, 1%, 1/16W, 0402     Yageo     RT0402FRE07100KL       23     1     D1 Fitted     Schottky diode If=1A, Vr=23V, Packager SOD-323     ST Microelectronics     BAT20JFILM       24     1     Y1 Fitted     OSC, XO, 12.0MHZ, 1.8V, Low Power MEMS, DFN4, 3.2x2.5mm,     Abracon     AMPMEFB-12.0000T       25     2     MP5, MP6 Fitted     M1.8 x6mm     Screwerk     ST9380180060B       26     2     R2, R3 Fitted     RES, 100R, 1%, 1/16W, 0402     Yageo     RC0402FR-07100RL       27     2     R7, R8 Fitted     RES, 27KOHM 1% 1/16W 0402     Yageo     RC0402FR-072K7L       28	16	1	MP4 Fitted	Lens clear F# 1.6 Sensing Area 1/27" Focal 2.8mm M12	Alaud Optical	AB02816MG
1	17	1	H1 Fitted	Lens holder M12 15mm	Focusafe	FS-BLH040
1	18	1	CAB1 Fitted		Wurth Electronics	687722050002
21     1     R13 Fitted     RES, 0R, JUMPER, 1/16W, 0402     Yageo     RC0402JR-070RL       22     1     R1 Fitted     RES, 100k, 1%, 1/16W, 0402     Yageo     RT0402FRE07100KL       23     1     D1 Fitted     Schottky diode If=1A, Vr=23V, Packager SOD-323     ST Microelectronics     BAT20JFILM       24     1     Y1 Fitted     OSC, XO, 12.0MHZ, 1.8V, Low Power MEMS, DFN4, 3.2x2.5mm,     Abracon     AMPMEFB-12.0000T       25     2     MP5, MP6 Fitted     M1.8 x6mm     Screwerk     STP380180060B       26     2     R2, R3 Fitted     RES, 100R, 1%, 1/16W, 0402     Yageo     RC0402FR-07100RL       27     2     R7, R8 Fitted     RES 2.7KOHM 1% 1/16W 0402     Yageo     RC0402FR-072K7L       28     3     C15, C16, C19 Fitted     CAP, CER, 10uF, 6.3V, X5R, 0402     Murata     GRJ155R60J106ME11D       29     3     C2, C3, C7 Fitted     CAP, CER, 4.7uF, 10V, X5R, 0603     Taiyo Yuden     LMK107BJ475KA-T       30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22,	19	1	U2 Fitted		STMicroelectronics	ST1PS01BJR
22     1     R1 Fitted     RES, 100k, 1%, 1/16W, 0402     Yageo     RT0402FRE07100KL       23     1     D1 Fitted     Schottky diode If=1A, Vr=23V, Packager SOD-323     ST Microelectronics     BAT20JFILM       24     1     Y1 Fitted     OSC, XO, 12.0MHZ, 1.8V, Low Power MEMS, DFN4, 3.2x2.5mm,     Abracon     AMPMEFB-12.0000T       25     2     MP5, MP6 Fitted     M1.8 x6mm     Screwerk     STP380180060B       26     2     R2, R3 Fitted     RES, 100R, 1%, 1/16W, 0402     Yageo     RC0402FR-07100RL       27     2     R7, R8 Fitted     RES 2.7KOHM 1% 1/16W 0402     Yageo     RC0402FR-072K7L       28     3     C15, C16, C19 Fitted     CAP, CER, 10uF, 6.3V, X5R, 0402     Murata     GRJ155R60J106ME11E       29     3     C2, C3, C7 Fitted     CAP, CER, 4.7uF, 10V, X5R, 0603     Taiyo Yuden     LMK107BJ475KA-T       30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22, C23 Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88	20	1	R4 Fitted	RES, 0R, Jumper, 1/10W, 0603	Panasonic	ERJ-3GEY0R00V
23     1     D1 Fitted     Schottky diode If=1A, Vr=23V, Packager SOD-323     ST Microelectronics     BAT20JFILM       24     1     Y1 Fitted     OSC, XO, 12.0MHZ, 1.8V, Low Power MEMS, DFN4, 3.2x2.5mm,     Abracon     AMPMEFB-12.0000T       25     2     MP5, MP6 Fitted     M1.8 x6mm     Screwerk     STP380180060B       26     2     R2, R3 Fitted     RES, 100R, 1%, 1/16W, 0402     Yageo     RC0402FR-07100RL       27     2     R7, R8 Fitted     RES 2.7KOHM 1% 1/16W 0402     Yageo     RC0402FR-072K7L       28     3     C15, C16, C19 Fitted     CAP, CER, 10uF, 6.3V, X5R, 0402     Murata     GRJ155R60J106ME11D       29     3     C2, C3, C7 Fitted     CAP, CER, 4.7uF, 10V, X5R, 0603     Taiyo Yuden     LMK107BJ475KA-T       30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22, C23 Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88	21	1	R13 Fitted	RES, 0R, JUMPER, 1/16W, 0402	Yageo	RC0402JR-070RL
23     1     DT Fitted     323     ST Microelectronics     BA120JFILM       24     1     Y1 Fitted     OSC, XO, 12.0MHZ, 1.8V, Low Power MEMS, DFN4, 3.2x2.5mm,     Abracon     AMPMEFB-12.0000T       25     2     MP5, MP6 Fitted     M1.8 x6mm     Screwerk     STP380180060B       26     2     R2, R3 Fitted     RES, 100R, 1%, 1/16W, 0402     Yageo     RC0402FR-07100RL       27     2     R7, R8 Fitted     RES 2.7KOHM 1% 1/16W 0402     Yageo     RC0402FR-072K7L       28     3     C15, C16, C19 Fitted     CAP, CER, 10uF, 6.3V, X5R, 0402     Murata     GRJ155R60J106ME11E       29     3     C2, C3, C7 Fitted     CAP, CER, 4.7uF, 10V, X5R, 0603     Taiyo Yuden     LMK107BJ475KA-T       30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22, C23 Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88	22	1	R1 Fitted		Yageo	RT0402FRE07100KL
24     1     Y1 Fitted     DFN4, 3.2x2.5mm,     Abracon     AMPMEFB-12.00001       25     2     MP5, MP6 Fitted     M1.8 x6mm     Screwerk     STP380180060B       26     2     R2, R3 Fitted     RES, 100R, 1%, 1/16W, 0402     Yageo     RC0402FR-07100RL       27     2     R7, R8 Fitted     RES 2.7KOHM 1% 1/16W 0402     Yageo     RC0402FR-072K7L       28     3     C15, C16, C19 Fitted     CAP, CER, 10uF, 6.3V, X5R, 0402     Murata     GRJ155R60J106ME11D       29     3     C2, C3, C7 Fitted     CAP, CER, 4.7uF, 10V, X5R, 0603     Taiyo Yuden     LMK107BJ475KA-T       30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22, C23 Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88	23	1	D1 Fitted	323	ST Microelectronics	BAT20JFILM
26     2     R2, R3 Fitted     RES, 100R, 1%, 1/16W, 0402     Yageo     RC0402FR-07100RL       27     2     R7, R8 Fitted     RES 2.7KOHM 1% 1/16W 0402     Yageo     RC0402FR-072K7L       28     3     C15, C16, C19 Fitted     CAP, CER, 10uF, 6.3V, X5R, 0402     Murata     GRJ155R60J106ME11D       29     3     C2, C3, C7 Fitted     CAP, CER, 4.7uF, 10V, X5R, 0603     Taiyo Yuden     LMK107BJ475KA-T       30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22, C23 Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88	24	1	Y1 Fitted		Abracon	AMPMEFB-12.0000T
27   2   R7, R8 Fitted   RES 2.7KOHM 1% 1/16W 0402   Yageo   RC0402FR-072K7L     28   3   C15, C16, C19 Fitted   CAP, CER, 10uF, 6.3V, X5R, 0402   Murata   GRJ155R60J106ME11D     29   3   C2, C3, C7 Fitted   CAP, CER, 4.7uF, 10V, X5R, 0603   Taiyo Yuden   LMK107BJ475KA-T     30   0   C5 Not Fitted   CAP, CER, 100nF, 16V, X7R, 0402   Murata   GRM155R71C104KA88     31   6   C1, C4, C8, C9, C22, C23 Fitted   CAP, CER, 100nF, 16V, X7R, 0402   Murata   GRM155R71C104KA88	25	2	MP5, MP6 Fitted	M1.8 x6mm	Screwerk	STP380180060B
28   3   C15, C16, C19 Fitted   CAP, CER, 10uF, 6.3V, X5R, 0402   Murata   GRJ155R60J106ME11E     29   3   C2, C3, C7 Fitted   CAP, CER, 4.7uF, 10V, X5R, 0603   Taiyo Yuden   LMK107BJ475KA-T     30   0   C5 Not Fitted   CAP, CER, 100nF, 16V, X7R, 0402   Murata   GRM155R71C104KA88     31   6   C1, C4, C8, C9, C22, C23 Fitted   CAP, CER, 100nF, 16V, X7R, 0402   Murata   GRM155R71C104KA88	26	2	R2, R3 Fitted	RES, 100R, 1%, 1/16W, 0402	Yageo	RC0402FR-07100RL
29     3     C2, C3, C7 Fitted     CAP, CER, 4.7uF, 10V, X5R, 0603     Taiyo Yuden     LMK107BJ475KA-T       30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22, C23 Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88	27	2	R7, R8 Fitted		Yageo	RC0402FR-072K7L
30     0     C5 Not Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88       31     6     C1, C4, C8, C9, C22, C23 Fitted     CAP, CER, 100nF, 16V, X7R, 0402     Murata     GRM155R71C104KA88	28	3	C15, C16, C19 Fitted	CAP, CER, 10uF, 6.3V, X5R, 0402	Murata	GRJ155R60J106ME11D
31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88	29	3	C2, C3, C7 Fitted	CAP, CER, 4.7uF, 10V, X5R, 0603	Taiyo Yuden	LMK107BJ475KA-T
		0			Murata	GRM155R71C104KA88D
32 2 Q1, Q2 Fitted MOSFET, N-CH, 20V, 200mA, SOT-23-3 Fairchild/ON BSS138		6	C1, C4, C8, C9, C22, C23 Fitted	CAP, CER, 100nF, 16V, X7R, 0402	Murata	GRM155R71C104KA88D
	32	2	Q1, Q2 Fitted	MOSFET, N-CH, 20V, 200mA, SOT-23-3	Fairchild/ON	BSS138



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STEVAL-56G3MAI - Rev 1 Page 2 of 2