

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 VD66GY Sensor - PL.CC package - FB ST Microelectronics VD66GY_PLCC28_RGB 11 1 L1 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted Single supply translating transceiver; 3-state, 1.2V-5.5V, XSON6 TDK VLS252010HBX-3R3M-1 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 LDS Overage Regulator 150mA, Fixed 2V8 STMicroelectronics LD39115J28R 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 <t< th=""><th>Item</th><th>Qty</th><th>Reference</th><th>Description</th><th>Manufacturer</th><th>Order code</th></t<> | Item | Qty | Reference | Description | Manufacturer | Order code |
|--|------|-----|---------------------------------|--|---------------------|---------------------|
| 3 | 1 | 0 | J3 Not Fitted | CONN, HEADER, 3POS, SNGL, 2.54MM, T/H | Harwin | M20-9990345 |
| 4 | 2 | 0 | TP1, TP4 Not Fitted | CONN, HEADER, 1POS, 2.54MM, T/H | Samtec | TSW-101-26-T-S |
| 5 0 RS, Re Not Fitted RES 2.7KOHM 1% 1/16W 0402 Yageo RC0402FR-072K7L 6 1 C21 Fitted CAP, CER, 1u, F, 10V, X5R, 0402 Talyo Yuden LMK105BJ105KV-F 7 1 C6 Fitted CAP, CER, 100nF, 20%, 16V, X7R, 0201 Murata GRM032Z71C104ME14E 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 VD66GY Sensor - PLCC package - FB ST Microelectronics VD66GY_PLCC28_RGB 11 1 L1 Fitted FIXED IND, 33-MH, 1-9A, 178 mOHM, 1008 TDK VLS252010HBX-38M-1 12 1 U5 Fitted Single supply translating transceiver; 3-state, 1.2V-5.5V, XSON6 Nexperia 74LVC1145GF 13 1 U4 Fitted LDO Voltage Regulator 150mA, Fixed 1V8 STMicroelectronics LD39115J18R 14 1 U3 Fitted LDO Voltage Regulator 150mA, Fixed 1V8 STMicroelectronics LD39115J28R <tr< td=""><td>3</td><td>0</td><td>R11 Not Fitted</td><td>RES, 0R, Jumper, 1/10W, 0603</td><td>Panasonic</td><td>ERJ-3GEY0R00V</td></tr<> | 3 | 0 | R11 Not Fitted | RES, 0R, Jumper, 1/10W, 0603 | Panasonic | ERJ-3GEY0R00V |
| 6 1 C21 Fitted CAP, CER, 1uF, 10V, XSR, 0402 Tajyo Yuden LMK105BJ105KV-F 7 1 C6 Fitted CAP, CER, 10vF, 20%, 16V, X7R, 0201 Murata GRM033Z71C104ME14T 8 1 J2 Fitted CONN, Jack, 22 pos, FFC and FPC, 0.5mm, bottom contact 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 VD66GY Sensor - PLCC package - FB ST Microelectronics VD66GY_PLCC28_RGB 11 1 L1 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U4 Fitted LDO Voltage Regulator 150mA, Fixed 1V8 STMicroelectronics STMLVCT445GF 13 1 | 4 | 0 | R9, R10, R15 Not Fitted | RES, 0R, JUMPER, 1/16W, 0402 | Yageo | RC0402JR-070RL |
| 7 1 C6 Fitted CAP, CER, 100nF, 20%, 1eV, X7R, 0201 Murata GRM033Z71C104ME14IZ 8 1 J2 Fitted CONN, Jack, 22 pos, FFC and FPC, 0.5mm, bottom contact Hirose FH12:22S-0.SSH(55) 9 1 J1 Fitted SMT/THROUGH-HOLE HEADER 5pts 1.27mm Samtec TFM-105-01-L-S-RA 10 1 U1 Fitted VD66GY Sensor PLCC package - FB ST Microelectronics VD66GY-PLCC2B RGB 11 1 L1 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted LDD Voltage Regulator 150mA, Fixed 1V8 STMicroelectronics MEXPERIA 13 1 U4 Fitted LDO Voltage Regulator 150mA, Fixed 1V8 STMicroelectronics LD39115J28R 1 | 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-H-OLE HEADER 5pts 1.27mm Samtec TFM-105-01-L-S-RA 10 1 U1 Fitted VD66GY Sensor - PLCC package - FB ST Microelectronics VD66GY - PLCC28_RGB 11 1 L1 Fitted FIXED IND, 3.3H, 1,49, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 12 1 U5 Fitted Single supply translating transceiver; 3-state, 12V-5.5V, 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 Lens clear F# 1.6 Sensing Area 1/27* Focal Alaud Optical A802816MG 16 1 MP4 Fitted Lens clear F# 1.6 Sensing Area 1/27* Focal Alaud Optical A802816MG 17 1 H1 Fitted Lens holder M12 15mm Focusafe FS-BLH040 <t< 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></t<> | 6 | 1 | C21 Fitted | CAP, CER, 1uF, 10V, X5R, 0402 | Taiyo Yuden | LMK105BJ105KV-F |
| 1 | 7 | 1 | C6 Fitted | CAP, CER, 100nF, 20%, 16V, X7R, 0201 | Murata | GRM033Z71C104ME14D |
| 10 1 U1 Fitted VD66GY Sensor - PLCC package - FB ST Microelectronics VD66GY_PLCC28_RGB 11 1 L1 Fitted FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 TDK VLS252010HBX-3R3M-1 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 LD39115J18R 15 1 MP3 Fitted LD0 Voltage Regulator 150mA, Fixed 2V8 STMicroelectronics LD39115J18R 15 1 MP3 Fitted LD0 Voltage Regulator 150mA, Fixed 2V8 STMicroelectronics LD39115J28R 15 1 MP4 Fitted Lens clear F# 1.6 Sensing Area 1/27" Focal 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 68 | 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-1 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 1V8 STMicroelectronics LD39115J18R 15 1 MP3 Fitted LDO Voltage Regulator 150mA, Fixed 2V8 STMicroelectronics LD39115J18R 16 1 MP3 Fitted LD0 Voltage Regulator 150mA, Fixed 2V8 STMicroelectronics LD39115J28R 15 1 MP3 Fitted LD0 Voltage Regulator 150mA, Fixed 2V8 STMicroelectronics LD39115J28R 16 1 MP4 Fitted LD0 Voltage Regulator 150mA, Fixed 2V8 STMicroelectronics LD39115J28R 17 1 H1 Fitted Lens clear F# 1.6 Sensing Area 1/27" Focal Alaud Optical A802816MG 17 1 H1 Fitted Lens holder M12 15mm Focusafe FS-BLH040 < | 9 | 1 | J1 Fitted | SMT/THROUGH-HOLE HEADER 5pts 1.27mm | Samtec | TFM-105-01-L-S-RA |
| 12 | 10 | 1 | U1 Fitted | VD66GY Sensor - PLCC package - FB | ST Microelectronics | VD66GY_PLCC28_RGB |
| 12 | 11 | 1 | L1 Fitted | FIXED IND, 3.3uH, 1.9A, 178 mOHM, 1008 | 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, 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 | 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, 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-3GEYDR00V 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 OSC, XO, 12.0MHZ, 1.8V, Low Power MEMS, DFN4, 3.2x2.5mm, ST Microelectronics BAT20JFILM 24 1 Y1 Fitted OSC, XO, 11.0MHZ, 1.8V, Low Power MEMS, DFN4, 3.2x2.5mm, Abr | 13 | 1 | U4 Fitted | LDO Voltage Regulator 150mA, Fixed 1V8 | STMicroelectronics | LD39115J18R |
| 1 | 14 | 1 | U3 Fitted | LDO Voltage Regulator 150mA, Fixed 2V8 | STMicroelectronics | LD39115J28R |
| 16 I 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, opposite Sided Contacts, | 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 step-down 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 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 | 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C2 | 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 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 21 | 1 | R13 Fitted | RES, 0R, JUMPER, 1/16W, 0402 | Yageo | RC0402JR-070RL |
| 23 1 DT Fitted 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 25 | 2 | MP5, MP6 Fitted | M1.8 x6mm | Screwerk | STP380180060B |
| 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 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 GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 27 | 2 | R7, R8 Fitted | | Yageo | RC0402FR-072K7L |
| 30 0 C5 Not Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E 31 6 C1, C4, C8, C9, C22, C23 Fitted CAP, CER, 100nF, 16V, X7R, 0402 Murata GRM155R71C104KA88E | 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 GRM155R71C104KA88E | 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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