

Customer Gemini Tec Ltd
Assembly 1234-5678
Revision 9
Description Gemini Test
Date 01-Dec-16

Master Bill Of Materials



Sequence	Reference Designator	Qty Per	Manufactures Part Number	Supplier	Suppliers Reference	Footprint	Value	Description / Part	Fitted	Alternative Part	Part Number	Washable
1	PCB	1		Gemini				1234-5555 Iss 2 - Blank PCB	Y	No	Generic	
2	R1,R3,R88	3	ERJ2RKF2201X	Farnell	2302673	0402	2.2 kohm 50V 1%	2.2 kohm 50V 0402 1005 Metric 100mW ± 1% ERJ2R Series SMD Chip Resistor Thick Film	Y	Yes	Generic	Yes
3	C1,C7-C9, C12, C13, C20-33	20	04023C104KAT2A	Farnell	1867948	0402	0.1µF 25V 10%	0.1 µF 25 V ± 10% X7R	Y	Yes	Generic	Yes
4	IC1	1	AT30TS74-SS8M-T	Arrow	AT30TS74-SS8M-T	S08		ATMEL Board Mount Temperature Sensors I2C1.7 5.5V 3.4MHz Ind Tmp AT30TS74 SS8M T SO8	Y	No	Fixed	Yes
5	IC2	1	MAX3080CPD+	Free Issue	Free Issue			MAXIM INTEGRATED PRODUCTS - MAX3080CPD+. IC TRANCEIVER RS-485/RS-422 DIP14	Y	No	Fixed	Yes

Extra Info:

1. The title/issue/date on the document is critical and should be incremented when document is modified.
2. If the components have mixed RoHS and Non-RoHS devices, a RoHS column is strongly recommended to identify the Non-RoHS items. Without this, Gemini may assume all items are RoHS compliant.
3. ALL items to be fitted to the project must be listed on the BOM. Where mechanical items exist, additional work instructions may be necessary.
4. BOM should be checked for validity before submitting to Gemini.
5. Gemini will conduct extensive checks before manufacture, however a resubmitted BOM as a result of errors found, may incur additional tooling costs.
6. Where the issue of the PCB (item 1) may increment without the BOM changing, the issue of the PCB can be omitted, this should then be listed on the purchase order.
7. Any additional part numbers (EG: internal) that may help identify any free-issue items, should also be added to the BOM.

If you need any further assistance please contact Gemini Tec Ltd. Tel: 01252 333 444 e:sales@geminitec.co.uk

www.geminitec.co.uk