


Board:		BGT60LTR11AiP_Shield_V2.0 SPI Mode				
Date:		09.09.2021				
Quantity	Fitted/DNP	Designator	Comment	Description	Footprint	Part Number
2	Fitted	C1, C3	4.7µF 6.3V	Capacitor	C_0201	490-13230-1-ND
3	Fitted	C2, C4, C7	100nF 16V	Capacitor	C_0201	490-16364-1-ND
2	Fitted	C5, C6	150nF 16V	Capacitor	C_0201	3013353 / 810-C0603X5R0J154MBB / 445-13702-1-ND
4	Fitted	C8, C9, C12, C13	10nF 50V	Capacitor	C_0201	490-14453-1-ND
4	Fitted	C10, C11, C14, C15	5.6nF 50V	Capacitor	C_0201	490-11355-1-ND
1	Fitted	C16	11pF 50V COG	Capacitor	C_0201	490-16721-1-ND
1	Fitted	C17	16pF 50V COG	Capacitor	C_0201	490-14543-1-ND
1	Fitted	D3	Yellow LED 0201	XZMYR155W	LED_0201	1497-1299-1-ND
2	Fitted	L3, L5	MMZ0603S121HT000	SMD Ferrite Bead	R_0201	445-172340-1-ND
1	Fitted	P	Red LED 0201	XZMER155W	LED_0201	1497-1297-1-ND
2	Fitted	P1, P2	DF40C-20DP-0.4V	Hirose DF40C-20DS-0.4V - 61GHz side	DF40C-20DP-0.4V	H11618CT-ND
1	Fitted	Q1	BSD840N	N-Channel OptiMOS PG-SOT-363	INF-PG-SOT-363_L	Infineon Part
3	Fitted	R1, R2, R17	1k	Resistor	R_0201	
5	Fitted	R3, R5, R23, R24, J2	0R	Resistor	R_0201	P15979CT-ND / 2692409
2	Fitted	R6, R10	0R	Resistor	R_0402	
2	Fitted	R11, R12	2k2	Resistor	R_0201	
4	Fitted	R13, R15, J3, J4	100k	Resistor	R_0201	
4	Fitted	R14, R16, R25, R28	10k	Resistor	R_0201	
1	Fitted	T	Green LED	XZBGR155W5MAV	LED_0201	1497-1295-1-ND
1	Fitted	U1	BGT60LTR11AiP	BGT60LTR11AiP, BGA 42 pins	BGA42N50P13X7_670X330X55	Infineon Part
1	Fitted	U2	NCP163AMX150TBG	NCP163 - LDO 250mA, XDFN4,	NCP177	863-NCP163AMX150TBG
1	Fitted	U3	24CW1280T-I/CS0668	EEPROM win CSP4 Package, 0.4mm Pin Pitch	WLCSP4 (CS0)	579-CW1280T-I/CS0668
1	Fitted	Y1	FH3840024Z	Oscillator	NDK NX2520SA	Jauch 38.4Mhz / FH3840024ZCT-ND
7	DNP	R4, R7, R8, R22, J1, R27, R29	0R	Resistor 0201	R_0201	
4	DNP	R9, R18, R19, R20	DNP	Resistor 0402	R_0402	
1	DNP	L1	MMZ0603S121HT000	SMD Ferrite Bead, Resistor	R_0201	INDUCTOR1, Res2
2	DNP	P3, P4		Header, 2-Pin	HDR1X2_Half	