

ORIENTAL FINZEL LIMITED

Flat 5, 15/F Floor, Honour Industrial Centre, No.6 Sun Yip Street, Chai Wan, Hong Kong
E-mail : oflhk@netvigator.com Tel : (852) 2889 0328 Fax : (852) 2889 2958

TO : HKSTC
ATTN : MISS CHOI [c.c. ALFRED -- PLAYTECH]
FROM : BILLY NG
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REF # : OFL-0109077

F : 2665 0848

RE : ROBOCAM

SUBJECT : 49.860 MHZ FREQ. WITH BANDWIDTH NO GREATER THAN 200 KHZ

#C3 47 PF
#L3 2.7 UH
#C7 22 PF
#C8 5 PF
#L4

THESE COMPONENTS COMPOSITE BANDPASS (49.860 MHZ) CIRCUIT. IT ALSO WORK AS #Q1 #C380 TRANSMITTER TRANSISTOR LOADING FEEDBACK.

SINCE THE Q VALUE OF BANDPASS CIRCUIT IS LOW, THERE THE BANDWIDTH OF 49.860 MHZ SIGNAL COULD BE WIDE. THEREFORE, #C11 (0.1 UF) IS USED AT THE MODULATION SIGNAL TO FILTER THE FEEDBACK OF MODULATED SIGNAL. THIS LIMITS THE BANDWIDTH TO BE BELOW 200 KHZ.

BEST REGARDS
BILLY

BN/qc