

Boston Electronics Corporation

91 Boylston Street, Brookline MA 02445 USA







(800)347-5445 or (617)566-3821 fax (617)731-0935

www.boselec.com

linecard@boselec.com

Free Product Literature

Please the box or 

<p><u>UV Photodetectors</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Silicon carbide photodiodes, SiC, for 200 to 380 nm; hybrid preamp options <input type="checkbox"/> Aluminum Gallium Nitride photodiodes, AlGaN, for 125 to 250 nm or 125 to 300 nm <input type="checkbox"/> Gallium Nitride photodiodes, GaN, for 200 to 370 nm <input type="checkbox"/> TiO₂ for 215 to 390 nm <p><u>IR Photodetectors</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Fast 0.5 nsec photovoltaic and photoconductive HgCdZnTe to 12⁺ μm <input type="checkbox"/> Sensitive TE-cooled HgCdZnTe <input type="checkbox"/> Thermopiles UV to far IR <input type="checkbox"/> Ultra-sensitive LN2 cooled Ge for 0.8 to 1.7 μm 	<p><u>Lidar System Elements</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Mini-PMTs with electronics for Lidar, 180 to 600⁺ nm. <input type="checkbox"/> Si APDs on TE-coolers with electronics for Lidar, <600 nm to 1.06 μm. <input type="checkbox"/> Transient recorders for photon counting with overall 10⁵ dynamic range <p><u>Time Correlated Photon Counting Electronics</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Time Correlated Single Photon Counting for FLIM & FRET imaging and single molecule detection <input type="checkbox"/> Multiphoton Counting <input type="checkbox"/> Nanosecond resolution & Photon Burst recording <input type="checkbox"/> High Speed Boxcar Modules 	<p><u>Optical & Pure Materials</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Germanium: evaporation grade, 99.999+% pure in convenient mini-ingot form <input type="checkbox"/> Silicon: lens and window blanks to 400 mm dia <p><u>IR Sources</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> CW miniature to 1375K 'blackbody' sources <input type="checkbox"/> Calibration grade blackbodies, 99% emissivity <input type="checkbox"/> Electrically modulated 1025K 'blackbody' sources, to 10 Hz <input type="checkbox"/> LEDs for 1.8, 2.8, 3.4, 3.8, 4.2, 4.8 and 4-7 μm <input type="checkbox"/> <u>QCL IR Tunable diode lasers, room temp & cryogenic, 3.5 to >90 μm</u>
<p style="text-align: center;"> <u>Lock-in Amplifiers</u> </p> <p style="text-align: center;"> Low cost lab lock-ins, single & dual phase  Embeddable lock-in modules</p> <p style="text-align: center;"> Low cost OEM lock-ins  DSP lock-ins coming soon</p>		
<p><u>Choppers & Shutters</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Rotating disk choppers <1 to 42,000 Hz <input type="checkbox"/> Tuning fork choppers for 10 to 5000 Hz <input type="checkbox"/> Shutters with 10 millisecond response 	<p><u>Fluorescence Spectrometers</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Picosecond lifetime using TCSPC <input type="checkbox"/> Steady State <input type="checkbox"/> Flash Photolysis 	

Please send info to:

Name _____

Company or Institution _____

Address _____

Phone, Fax & Email _____