Symbol	Description
α	Ratio of the effective density of states between the trap level and the delocalized band edge
а	Lattice Constant
A	Effective Device Area
β	Temperature Dependent Dispersion Parameter
P C <sub>i</sub> or C <sub>ox</sub>	Capacitance Dependent Dispersion ranameter
Dit	Interface Trap Density
∂ <sub>d</sub>	Hansen's parameter signifying dispersive component of the intermolecular forces
∂ <sub>p</sub>	Hansen's parameter signifying polar component of the intermolecular forces
∂ <sub>p</sub> ∂ <sub>h</sub>	Hansen's parameter signifying hydrogen bonding component of the intermolecular forces
e or q	Electronic Charge
E b q	Polaron Binding Energy
$E_{\rm b}$	
_	Trap Density Drain Current
los L	Drain Current under Illuminated State
Iphoto	Drain Current under Dark State
ldark Lavi	Maximum ON-State Current
Ion Ion	Minimum OFF-State Current
IOFF I-	
l <sub>F</sub>	Integrated Intensity of Entire X ray Diffractogram Integrated Intensity of the (ool) Peak
l(ool)	Electron Transfer Energy
J k	Boltzmann's Constant
L	
λ	Length of Transistor Channel Wavelength of Light Source Used
λ λ <sub>peak</sub>	Peak Wavelength in the Emission Spectrum of the Light Source Used
л <sub>реак</sub> m	Slope of Square-root of Drain Current
μ	Field Effect Mobility
•	Maximum Mobility
$\mu_{\rm max}$	Saturation Mobility
$\mu_{sat}$	Average Mobility
$\mu_{avg}$	Grain boundary mobility
μ <sub>GB</sub>	Bulk mobility inside the grain
μ <sub>0</sub> Ρ	Current Modulation
P <sub>max</sub>	Maximum Current Modulation
P <sub>i</sub>	Power of Incident Illumination
Φ <sub>(ool)</sub>	Integrated Intensity Ratio for a Diffraction Peak Corresponding to (ool) Plane
<b>€</b> (001) <b>R</b> s	Mismatch in the Solubility Parameters
R	Photo-responsivity
R <sub>max</sub>	Maximum Photo-responsivity
Rbend	Bending Radius
τ	Relaxation Time
	Integration or Illumination Time
t <sub>int</sub> t <sub>sub</sub>	Thickness of the Substrate
t <sub>sub</sub> T	
ı V <sub>GS</sub>	Absolute Temperature
	Gate to Source Voltage
V <sub>DS</sub>	Drain to Source Voltage Throshold Voltage
V <sub>TH</sub> VTO	Threshold Voltage
<b>ν</b> το <b>Δν</b> τ	Initial Threshold Voltage
	Shift in Threshold Voltage

- Vтн,sat Final Threshold Voltage of the Saturated Condition
- $\Delta V_{TH,sat}$  Difference in the Threshold Voltages of the Dark and Final Saturated Conditions
- V<sub>GS,bias</sub> Gate to Source Bias applied during Illumination
- W Width of Transistor Channel