List of Abbreviations

AM	Active Matrix
AMOLED	Active Matrix Organic Light Emitting Diode
a-Si:H	Hydrogenated Amorphous Silicon
BC	Bottom Contact
BCB	benzocyclobutene
CAD	Computer Aided Design
CMOS	Complementary Metal Oxide Semiconductor
CNTFET	Carbon Nanotube Field Effect Transistors
CSA	Common Source Amplifiers
CTE	Coefficient of Thermal Expansion
CVD	Chemical Vapour Deposition
CYTOP	A Commercially available Flouro Polymer
DoS	Density of States
EDA	Electronic Design Automation
EGOFET	Electrolyte-Gate Organic Field Effect Transistor
FET	Field Effect Transistor
GDM	Gaussian Disorder Model
HIFET	Hygroscopic Insulator Field Effect Transistors
IC	Integrated Circuit
ISOFET	Ion-Sensitive Organic Field Effect Transistors
LB	Lower Boundary
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LHS	Left Hand Side
LTSP	Low Temperature Solution Processing
MCDM	Multi-criteria Decision Making
MOOSRA	Multi Objective Optimization by Simple Ratio Analysis
MOSFET	Metal Oxide Semiconductor Field Effect Transistor
MTR	Multiple Trap and Release

OCMFET	Organic Charge Modulated Field Effect Transistors
OECT	Organic Electro Chemical Transistors
OFET	Organic Field Effect Transistor
OSC	Organic Semi-Conductor
OTFT	Organic Thin Film Transistor
OTR	Oxygen Transmission Rate
PC	polycarbonate
PDA	Personal Digital Assistant
PEN	polyethylene-naphthalate
PES	polyethersulfone
PET	polyethylene-terephthalate
PI	polyimide
PMMA	polymethyl methacrylate
PVA	polyvinylalchohol
PVP	polyvinyl phenol
RFID	Radio Frequency Identification
RHS	Right Hand Side
SPICE	Simulation Program for Integrated Circuit Environment
SS	Subthreshold Swing
TC	Top Contact
TFT	Thin Film Transistor
TOPSIS	Technique for Order Preference by Similarity to Ideal Solution
UB	Upper Boundary
VIKOR	VIseKriterijumska Optimizacija I Kompromisno Resenje
WVTR	Water Vapour Transmission Rate
VTC	Voltage Transfer Characteristics
PDN	Pull Down Network

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